



**TRILUX**  
SIMPLIFY YOUR LIGHT.

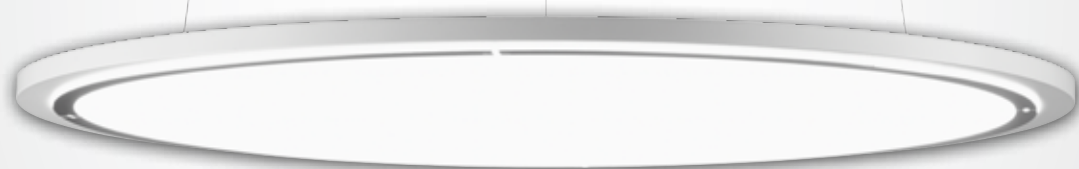
CATALOGUE 2015 | 2016

INDOOR | OUTDOOR



## HIGHLIGHTS

INDOOR  
OUTDOOR



**Lateralo Ring LED** ▶ 300



**Arimo Slim D MRX LED** ▶ 244



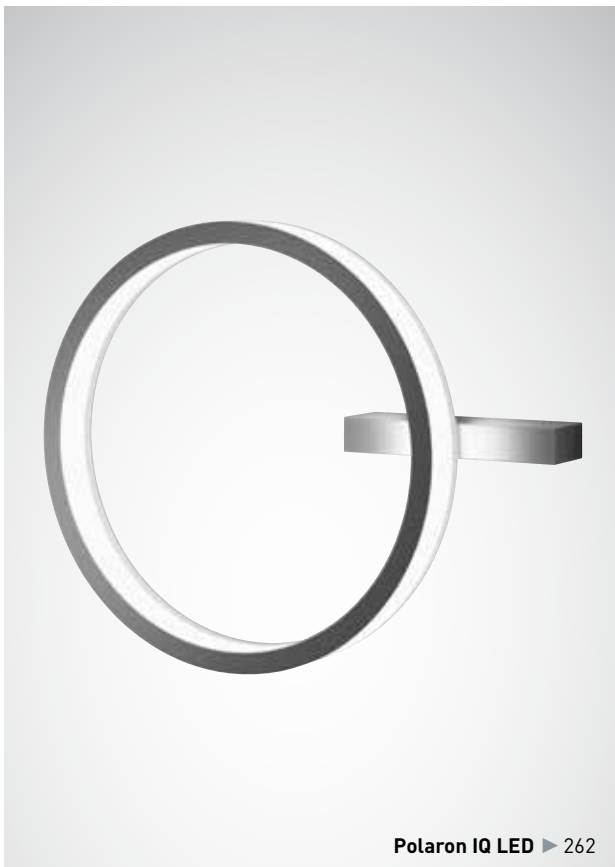
**Lumena Star 70 LED** ▶ 820



**Quira LED** ▶ 110



**Mirona RL LED ▶ 604**



**Polaron IQ LED ▶ 262**



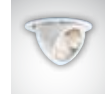
**Sanesca LED ▶ 230**



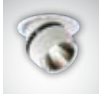
**Lumena 40 LED ▶ 810**



**Lumega IQ LED ▶ 706**



110  
**Quira LED**



114  
**Taro LED**



180  
**Belviso S LED**



184  
**Offset S**



236  
**Belviso D LED**



240  
**Arimo Slim D  
CDP LED**



244  
**Arimo Slim D  
MRX LED**



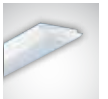
248  
**504... (LED)**



262  
**Polaron IQ  
LED**



272  
**Polaron**



278  
**333... (LED)**



370  
**Belviso C2  
LED**



452  
**Nextrema  
LED**



652  
**190/190 VZ  
Trunking rails**



46  
Athenik Ligra  
Plus LED

54  
Inperla Ligra  
Plus LED

64  
Athenik

78  
Inperla (LED)

100  
Onperla  
(LED)

## Downlights



120  
Stratus Vario  
175 LED

124  
Nimbus Vario  
Plus LED

128  
Quad LED

132  
Grado LED

136  
B.Lee LED

140  
Sistema LED

146  
3-Circuit  
Track

## Spotlights



150  
Coriflex LED

## Multi-variable systems



192  
Setora (LED)

196  
740...N...  
(LED)

204  
Deca LED

212  
Acuro (LED)

222  
665...

226  
Offset W

230  
Sanesca LED

## Free-standing luminaires and wall luminaires



286  
34...

294  
Lateralo Plus  
LED

300  
Lateralo Ring  
LED

304  
Luceo (LED)

330  
Solvan

352  
5051...

360  
Lesisma 200  
LED

## Surface-mounted and suspended luminaires



376  
Belviso C1  
LED

382  
Liventy (LED)

390  
Arimo Slim  
CDP LED

396  
Arimo Slim  
MRX LED

402  
39...

412  
Solvan C

422  
Enterio

## Recessed luminaires



458  
713...

464  
Aragon (LED)

470  
Fidesca-PM  
(LED)

478  
Fidesca-SD

486  
Fidesca-BS

492  
Centa S LED

496  
Enterio IP

## Luminaires with higher degrees of protection



508  
Actison (LED)

## Ball-impact-resistant luminaires



522  
E-Line LED

564  
E-Line T5N

596  
Mirona QXS  
LED

600  
Mirona QL  
LED

604  
Mirona RL  
LED

## Continuous line luminaires and high bay luminaires



608  
Energy saving  
systems

636  
Colour control  
systems

645  
Manual control  
systems

## Light management



656  
07690...  
Trunking profiles



658  
Emergency light  
components



660  
Replacement  
diffusers



826  
Technical  
notes



828  
Lamp data



Cover  
Index Indoor



Cover  
Icon  
explanation

## Trunking rails Technical notes

# CONTENT OUTDOOR



674  
**Publisca**  
LED



682  
**981...**  
(LED)



686  
**982...**  
(LED)



690  
**983...**  
(LED)



694  
**985...**  
(LED)



698  
**986...**  
(LED)



748  
**Altigo**  
LED



756  
**Skeo**  
LED



702  
987...  
LED



706  
Lumega IQ  
LED



718  
Viatana  
LED



724  
Cuvia 40  
LED



728  
Cuvia 60  
LED



732  
Lumega 600  
(LED)



740  
Lumega 700  
(LED)

### Luminaires for street lighting and residential areas



762  
ConStela  
LED



766  
884...  
LED



770  
H5  
(LED)



776  
Pareda  
(LED)



780  
Lutera 90  
LED



784  
Lutera 100  
LED



790  
Lutera 200  
(LED)

### Luminaires for pathways and architectural lighting



798  
Faciella  
(LED)



812  
Lumena 40  
LED



815  
Lumena 400



820  
Lumena Star  
70 LED

### Spots, wide-beam floodlights and projectors

Bezeichnung
Erstauswone
Wanne 910/9103 Ersatz
Wanne 911/9112 Ersatz
Wanne 980 Ersatz
Wanne 983/980 Ersatz
Wanne 985 Ersatz

825  
Replacement  
parts



833  
Lamp data

Kürzel	Beschreibung
--03--	Silbergrau, ähnl
--05--	Tiefschwarz, ähnl
--24--	Grauweiß, ähnl
--26--	Anthrazit, ähnl
--27--	Anthrazit, ähnl
--0--	Dreieckig

Cover  
Index outdoor



Cover  
Icon  
explanation

### Technical notes

## Indoor

Reference	LED	Page	Reference	LED	Page	Reference	LED	Page
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3-circuit tracks and system components		146	665...		222	Enterio...M84...		506
<b>Actison (LED)</b>			<b>713... series</b>			<b>Replacement diffusers</b>		
Actison...	•	508	713...		458	333...		660
<b>Acuro (LED)</b>			<b>740...N... series (LED)</b>			344.../345...		660
Acuro...	•	212	740...	•	196	390.../391...		660
<b>Aragon (LED)</b>			<b>748... series LED (Centa S LED)</b>			504.../505...		660
Aragon...	•	464	748...	•	492	665...		660
<b>Arimo Slim LED</b>			<b>Belviso LED</b>			713...		661
ArimoS CDP...	•	390	Belviso C1...	•	376	740...		661
ArimoS MRX...	•	396	Belviso C2...	•	370	748...		661
ArimoS D CDP...	•	240	Belviso D...	•	236	Acuro...		661
ArimoS D MRX...	•	244	Belviso S...	•	180	Aragon...		662
<b>Athenik</b>			<b>Centa S LED ▶ 748... series LED</b>	•	492	Deca...		662
Athenik C1...		66	<b>Coriflex LED</b>			Fidesca-BS...		662
Athenik C2...		70	Coriflex without emergency light insert	•	162	Liventy...		662
<b>Athenik Ligra Plus LED</b>			Coriflex with emergency light insert	•	166	Polaron...		662
AthenikLP...	•	46	Coriflex end caps		168	Solvan...		663
<b>B.Lee LED</b>			Coriflex accessories		170	<b>Fidesca (LED)</b>		
B.Lee...	•	138	<b>Deca LED</b>			Fidesca-PM...	•	470
B.LeeMini...	•	138	Deca...	•	204	Fidesca-SD...		478
<b>333... series (LED)</b>			<b>E-Line LED</b>			Fidesca-BS...		486
3331 M...		280	Trunking 07650...		532	<b>Grado LED</b>		
3331 W...	•	281	Gear tray 765...LED...	•	537	Grado...	•	132
<b>34... series</b>			<b>E-Line T5N</b>			<b>Inperla (LED)</b>		
34...		286	Trunking 07650...		574	Inperla C2...	•	80
<b>39... series</b>			Gear tray 765...		579	Inperla C3...		94
39...RAV...		404	<b>Enterio</b>			<b>Inperla Ligra Plus LED</b>		
39...RMV...		404	Enterio...M26...		424	InperlaLP...	•	54
39...RPX...		405	Enterio...M28...		425	<b>Lateralo Plus LED</b>		
39...RSV...		406	Enterio...M36...		427	LateraloP...	•	294
39...RSX...		407	Enterio...M37...		428	<b>Lateralo Ring LED</b>		
39...RWV...		408	Enterio...M38...		431	LateraloR...	•	300
39...T...		409	Enterio...M39...		432	<b>Lesima 200 LED</b>		
<b>504... series (LED)</b>			Enterio...M43...		435	Lesi200...	•	360
504...RAV...	•	250	Enterio...M46...		436	<b>Liventy (LED)</b>		
504...RMV...		251	Enterio...M48...		437	Liventy...	•	382
504...RPX...	•	257	Enterio...M57...		438	<b>LMS light management systems ▶ see separate table</b>		
504...RSV...		252	Enterio...M59...		441	<b>Lucoo (LED)</b>		
504...RSX...		254	Enterio...M73...		444	Lucoo D...		306
504...RWV...		256	Enterio...M84...		447	Lucoo H...	•	311
504...T...		260	<b>Enterio IP54</b>			<b>Mirona LED</b>		
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5051...RMV...		354	Enterio...M28...		499	Mirona QXS	•	596
5051...RPX...		355	Enterio...M37...		500	Mirona RL	•	604
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Polaron...		272
<b>Polaron IQ LED</b>		
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Quad...	•	130
Quad.too...	•	130
<b>Quira LED</b>		
Quira...	•	110
<b>Sanesca LED</b>		
Sanesca...	•	230
<b>Selora (LED)</b>		
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<b>981... series (LED)</b>		
981...	•	682
<b>982... series (LED)</b>		
982...	•	686
<b>983... series (LED)</b>		
983...	•	690
<b>985... series (LED)</b>		
985...	•	694
<b>986... series (LED)</b>		
986...	•	698
<b>987... series LED</b>		
987...	•	702
<b>ConStela LED</b>		
CS 23...	•	762
<b>Cuvia LED</b>		
Cuvia 40...	•	724
Cuvia 60...	•	728
<b>Faciella (LED)</b>		
Faciella 08...	•	800
Faciella 15...	•	803
Faciella 20...	•	806
<b>HS (LED)</b>		
HS...	•	770
<b>Lumega (LED)</b>		
970... Lumega 600	•	732
971... Lumega 700	•	740
<b>Lumega IQ LED</b>		
LIQ 70...	•	708
LIQ 90...	•	715
<b>Lumena (LED)</b>		
Lumena 40...	•	812
861... Lumena 400		815
<b>Lumena Star 70 LED</b>		
LnStar 70...	•	820
<b>Lutera (LED)</b>		
850... Lutera 90	•	780
851... Lutera 100	•	784
852... Lutera 200	•	790
<b>Pareda LED</b>		
Pareda R...	•	778
Pareda S...	•	779

Reference	LED	Page
<b>Publisca LED</b>		
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Publisca P2...	•	678
<b>Skeo LED</b>		
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Viatana A...	•	721



## LMS light management systems

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ToBeTouched DIM DALI	647

Find current product technical data in our online catalogue at:

[www.trilux.com/products-indoor](http://www.trilux.com/products-indoor)  
[www.trilux.com/products-outdoor](http://www.trilux.com/products-outdoor)  
[www.trilux.com/lightmanagement](http://www.trilux.com/lightmanagement)

# APPLICATION RECOMMENDATIONS

					
Type	Products	Page	Office	Education	
Downlights	Athenik Ligra Plus LED	46	•	•	
	Inperla Ligra Plus LED	54	•	•	
	Athenik	65	•	•	
	Inperla (LED)	78	•	•	
	Onperla (LED)	100	•	•	
Spotlights	Quira LED	110	•		
	Taro LED	114	•		
	Stratus Vario 175 LED	120	•		
	Nimbus Vario Plus LED	124	•		
	Quad LED	128	•		
	Grado LED	132	•		
	B.Lee LED	136	•		
	Sistema LED	140	•		
Multi-variable systems	Coriflex LED	150	•	•	
Free-standing and wall-mounted luminaires	Belviso S LED	180	•	•	
	Offset S	184	•	•	
	Selora (LED)	192	•	•	
	740...N... (LED)	196	•	•	
	Deca LED	204	•	•	
	Acuro (LED)	212	•	•	
	665...	222	•	•	
	Offset W	226	•	•	
	Sanesca LED	230	•		
Surface-mounted and suspended luminaires	Belviso D LED	236	•	•	
	Arimo Slim D CDP LED	240	•	•	
	Arimo Slim D MRX LED	244	•	•	
	504... (LED)	248	•	•	
	Polaron IQ LED	262	•	•	
	Polaron	272	•	•	
	333... (LED)	278	•	•	
	34...	286		•	
	Lateralo Plus LED	294	•		
	Lateralo Ring LED	300	•		
	Luceo (LED)	304	•	•	
	Solvan	330	•	•	
	505...	352	•	•	
	Lesima 200 LED	366	•		
Recessed luminaires	Belviso C2 LED	370	•	•	
	Belviso C1 LED	376	•	•	
	Liventy (LED)	382	•	•	
	Arimo Slim CDP LED	390	•	•	
	Arimo Slim MRX LED	396	•	•	
	39...	402	•	•	
	Solvan C	412	•	•	
	Enterio	422	•	•	



# APPLICATION RECOMMENDATIONS

					
Type	Products	Page	Office	Education	
Luminaires with higher degrees of protection	Nextrema LED	452			
	713...	458	•	•	
	Aragon (LED)	464			
	Fidesca-PM (LED)	470			
	Fidesca-SD	478			
	Fidesca-BS	486			
	748... Centa S LED	492	•	•	
	Enterio IP	496	•		
Ball-impact-resistant luminaires	Actison (LED)	508		•	
Highbay and continuous line luminaires	E-Line LED	522			
	E-Line T5N	564			
	Mirona QXS LED	596			
	Mirona QL LED	600			
	Mirona RL LED	604			
Light management	Light management	608	•	•	
Post-top mounted luminaires	Publisca LED	674			
	981... Lantern (LED)	682			
	982... Indirect luminaire (LED)	686			
	983... Conical lanterns (LED)	690			
	985... Classic luminaires (LED)	694			
	986... Classic conical lanterns (LED)	698			
	987... LED	702			
	Lumega IQ 70 and 90 LED	706			
	Viatana LED	718			
	Cuvia 40 LED	724			
	Cuvia 60 LED	728			
	970... Lumega 600 (LED)	732			
	971... Lumega 700 (LED)	740			
Bollards and columns	Altigo LED	748			
	Skeo LED	756			
	ConStela LED	762			
	884... LED	766			
	HS (LED)	770			
Wall-mounted luminaires	Pareda LED	776			
Ground-recessed spotlights	850... Lutera 90 LED	780			
	851... Lutera 100 LED	784			
	852... Lutera 200 (LED)	790			
Spotlights, planar spotlights and projectors	Faciella (LED)	798			
	861... Lumena 400/Lumena 40 LED	810			
	Lumena Star 70 LED	820			





## TRILUX GROUP

THE COMPLETE PACKAGE

● oktalite

● zalux  
light evolution

● b,ag,

● ICT

● watt24

Established know-how, a passionate commitment and international experience: the TRILUX Group develops efficient, simple lighting solutions for all applications. Ranging from state-of-the-art light and control technology to custom luminaires with a high level of technical and design sophistication. The experts at TRILUX, Oktalite, ZALUX, BAG, ICT and watt24 work together every day to achieve their aim of making light even more efficient and providing solutions for customers featuring high levels of simplicity. For this purpose the corporate group brings together its research and development expertise under a single roof: the Innovation and Technology Centre, a source for new ideas for saleable products. With these innovation-oriented structures, the TRILUX Group is a pioneering partner with a high level of expertise for customers located all over the world.

A blurred, blue-toned photograph of a modern office hallway. Two people in business attire are walking away from the camera, their figures silhouetted against the bright light coming from a large window at the end of the hallway. The motion blur gives a sense of activity and movement.

TRILUX GROUP

OUR COMMON CONVICTIONS



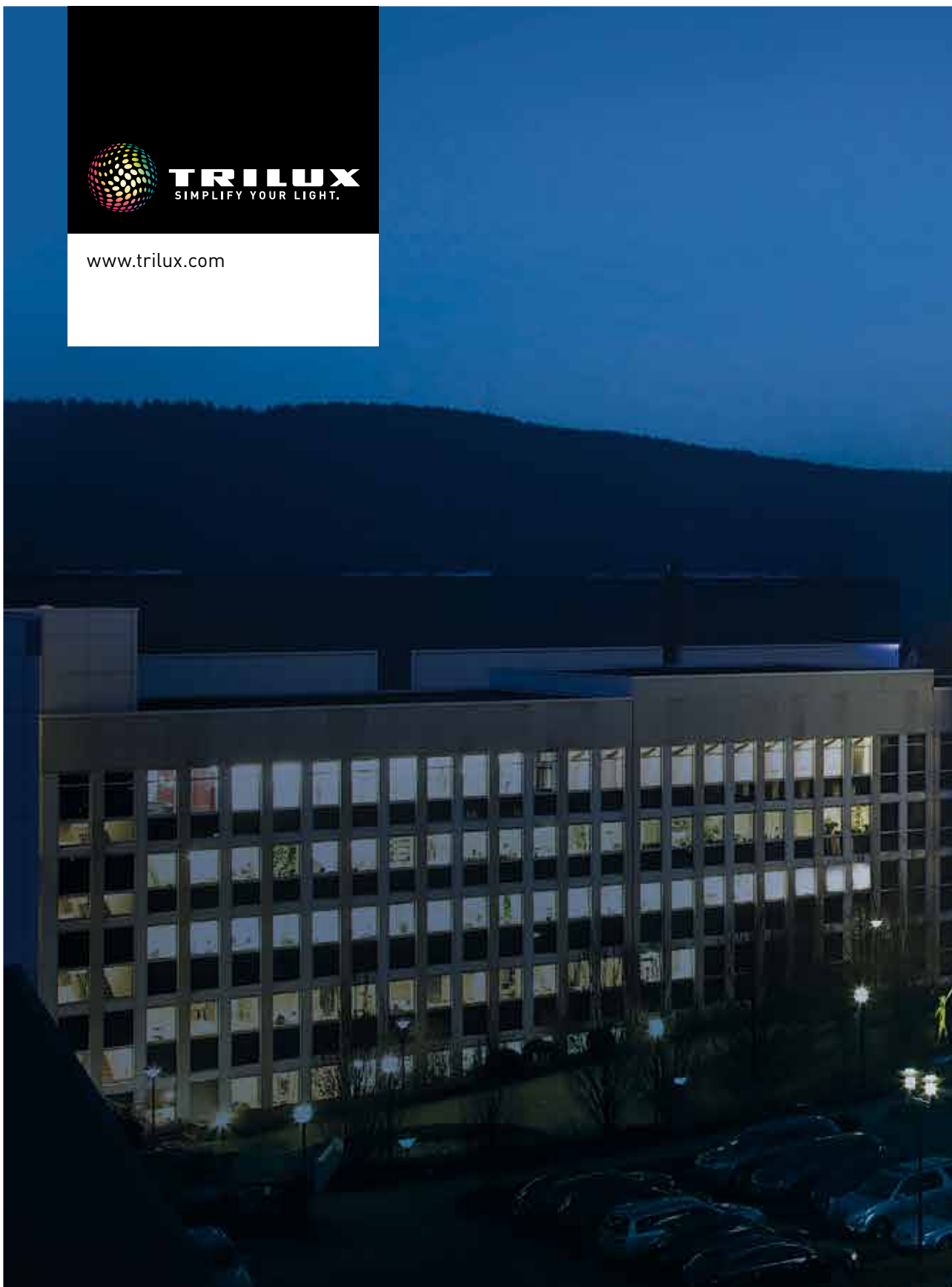


The grouping together of various companies provides TRILUX with a unique feature in the lighting market. With the technical expertise of lighting specialists, lighting solutions are created to comply with a wide spectrum of customer needs. The Group also benefits from a highly active exchange of information that improves product development and enables previously unimagined projects to be implemented. This associated level of expertise is our guarantee for future-fit light.



**TRILUX**  
SIMPLIFY YOUR LIGHT.

[www.trilux.com](http://www.trilux.com)





TRILUX has characterised both the history and the future of light for more than 100 years, with the aim of creating artificial light that is just as efficient, diverse and sustainable as the sun itself. TRILUX today offers not only innovative luminaires for indoor and outdoor applications, but also suitable lighting solutions for all requirements.

# oktalite

[www.oktalite.com](http://www.oktalite.com)

MEMBER OF



**TRILUX**  
SIMPLIFY YOUR LIGHT.



Oktalite has been creating lighting solutions for goods presentation in the retail sector for almost 30 years. Together with its customers, the company designs good business for food, fashion and retail. With 150 employees that include lighting planners, designers, architects and marketing experts, Oktalite develops innovative luminaires and sector-specific lighting solutions. The company with headquarters in Cologne, Germany is a subsidiary of the TRILUX Group and is represented across the world.

# TAILOR-MADE LIGHTING

INDIVIDUAL  
PROJECT SOLUTIONS





In our manufacturing facility in Sankt Augustin, we not only construct our standard portfolio as shown in this catalogue, but also special luminaires according to customer specifications. Here lighting designers, architects and construction authorities have almost limitless creativity with design. Whether small or large, decorative or functional, filigree or solid, opulent or purist – it's a matter of implementing the individual lighting concepts of our creative partners that all come from a single source: budgeting, technical development, construction, production, logistics and commissioning.



Shanghai 360, New York

photo HG Esch





**Scottish Parliament, Edinburgh**

photo Ralph Richter



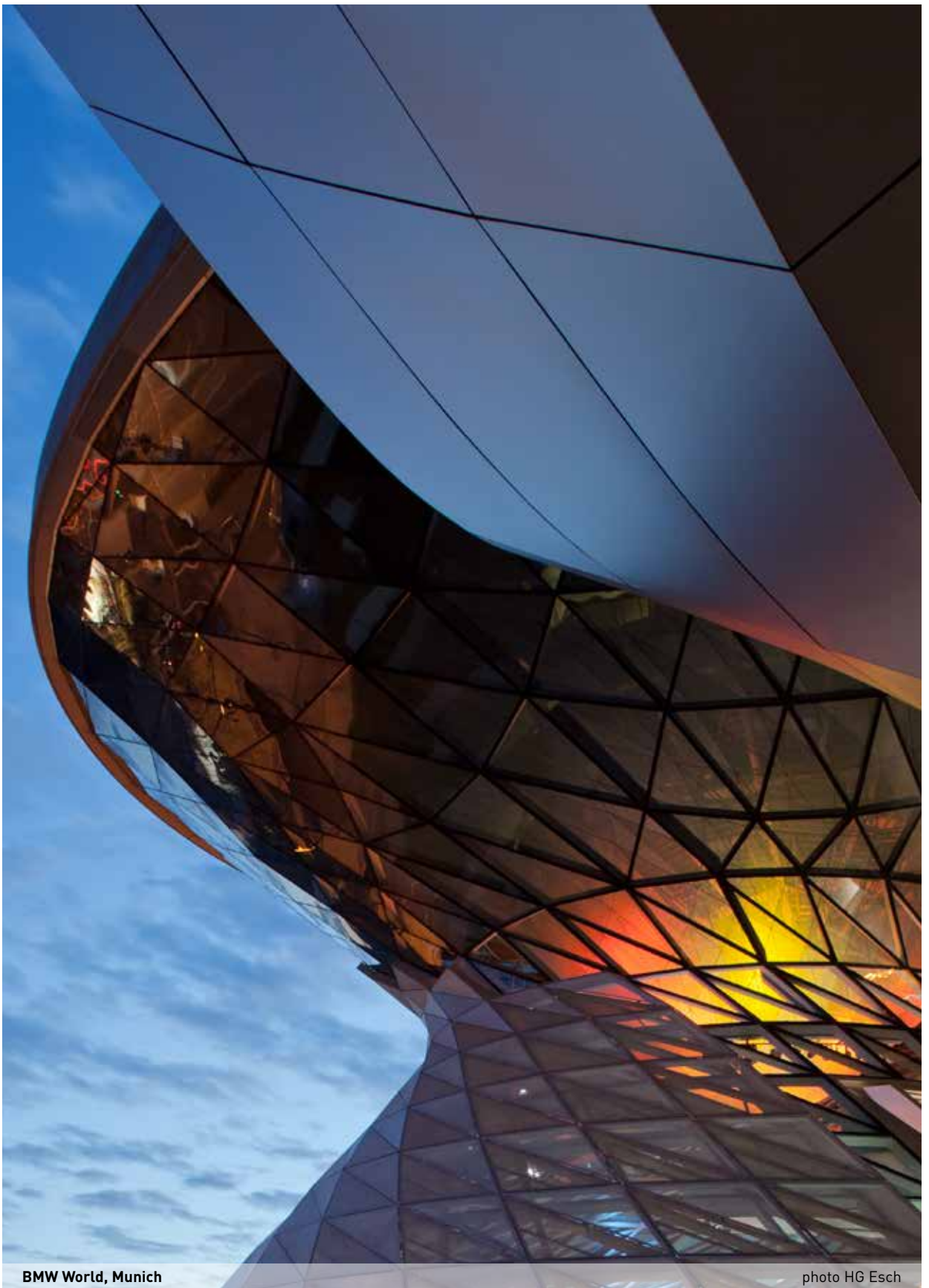
**Seaside church, Schillig**

photo HG Esch



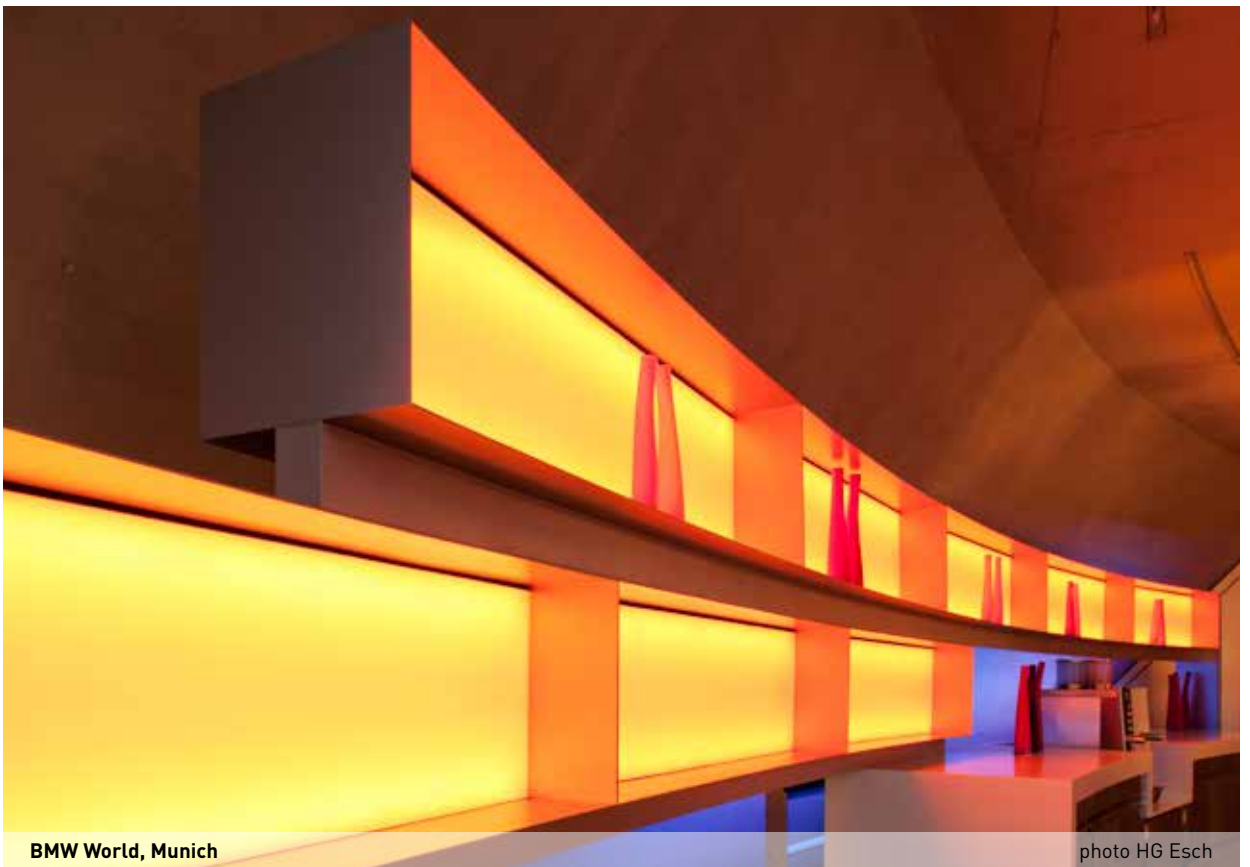
**Domforum, Cologne**

photo Constantin Meyer



**BMW World, Munich**

photo HG Esch



**BMW World, Munich**

photo HG Esch



**Museum of Islamic Art, Doha**

photo HG Esch

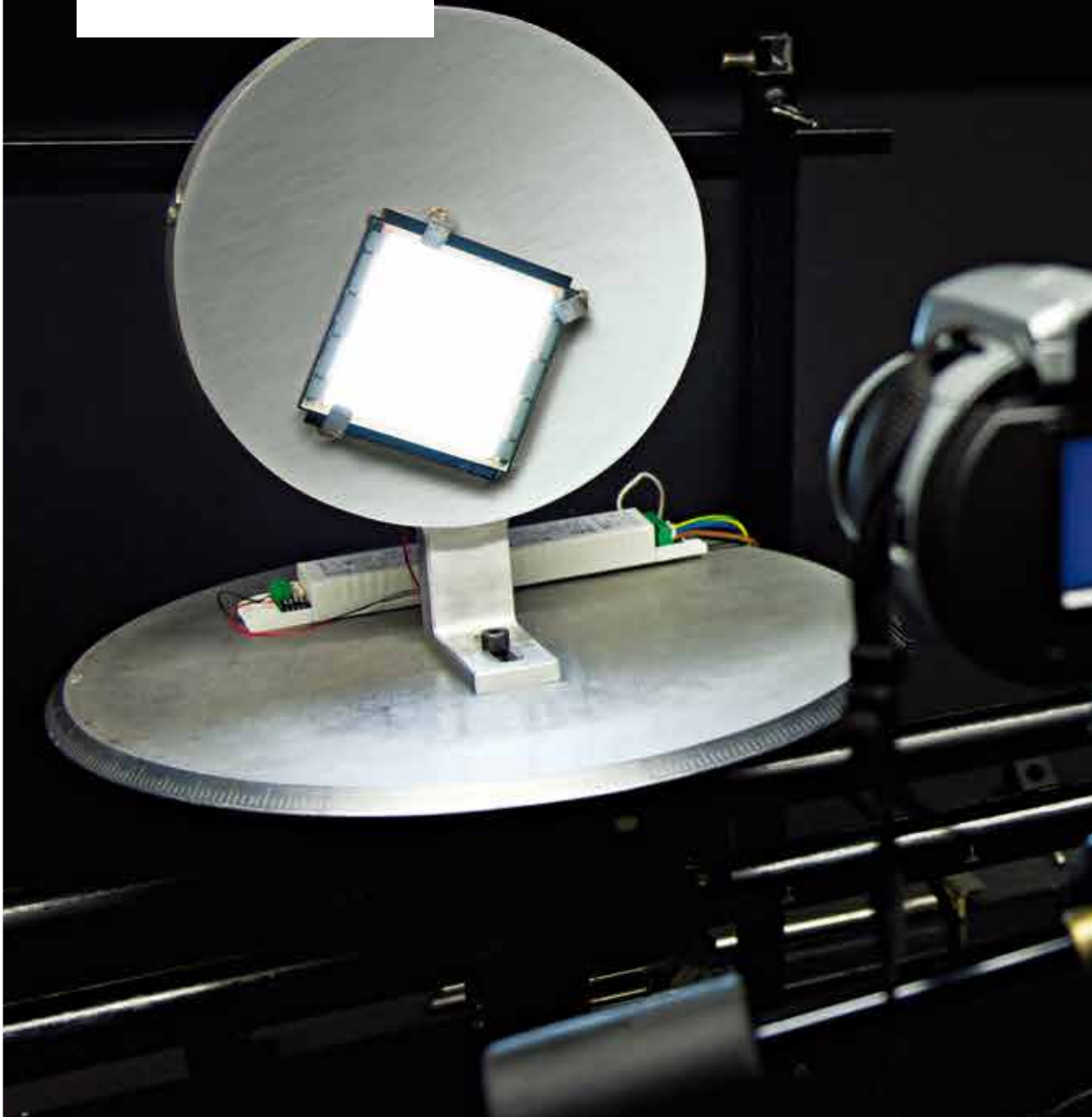


**Waldorf Astoria, Berlin**

photo HG Esch

ITZ

[www.trilux.com/itz](http://www.trilux.com/itz)





ITZ GmbH operates as an independent company and is a central link between the single business units of the TRILUX Group without having an influence on the independence of the brands. The combining of core expertise from the technology sectors of electronics, photometrics and mechanics enables the utilisation of greater synergies for optimal, application-oriented system solutions. Components developed are made available to individual companies of the TRILUX Group for their applications and marketing. With the setting up of the Innovation and Technology Centre (ITZ), trends in the market and future technology are identified in good time and integrated into future product concepts. The basis for successful implementation includes cooperation in international networks, partnerships, associations and standardisation organisations, as well as active participation in research projects.



## TRILUX AKADEMIE

THEME DAYS  
LED SEMINARS  
WEBINARS

The TRILUX Akademie provides qualified training events for everyone professionally concerned with light. In addition to many topics about fundamental lighting expertise and electrotechnical aspects, light in practice, lighting design for indoor and outdoor applications as well as efficiency and economy, theme days, seminars and webinars also provide participants with many other facets of lighting.

Seminars which are highly respected in the lighting industry communicate fundamental, practical expertise. Another path to better knowledge are the theme days by renowned experts. The academy also follows new paths with webinars that offer special themes flexibly and with no need to travel.

Participants gain qualifications at the TRILUX Akademie in accordance with their previous knowledge and training targets. To increase learning and training effectiveness, a focus is placed on discussions, interactivity and direct communication between lecturers and participants.

Die Zukunft  
liegt nicht  
im Dunkeln.





# HUMAN CENTRIC LIGHTING

HEALTH  
ACTIVATION  
RELAXATION  
EXPERIENCE



### Getting the biological rhythm going

TRILUX is analysing the effect of light on people according to the term of Human Centric Lighting. According to a current survey by ZVEI and A.T. Kearney, Human Centric Lighting is one of the future topics for the European lighting sector. The approach goes beyond standard system design and is dedicated to pure lighting and energy efficiency criteria. It's mainly about the effect of light on human well-being and health and biologically effective light is a part of this.

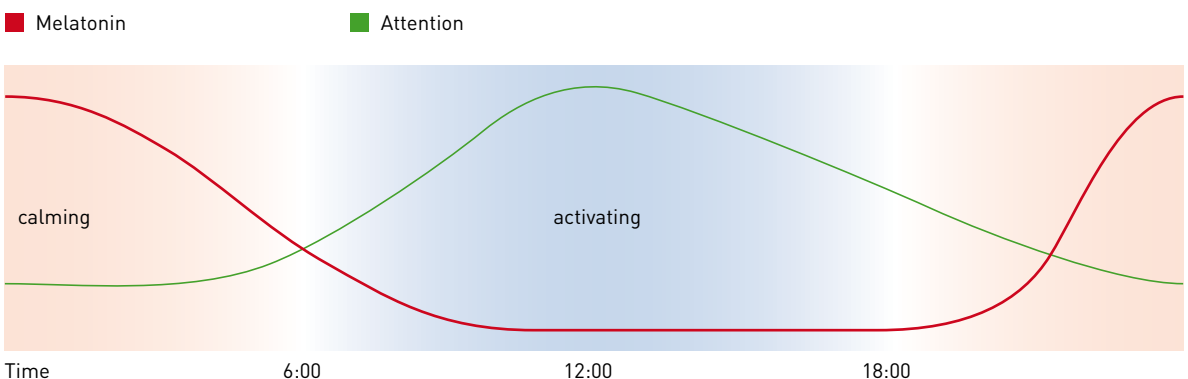
The inner clock of people has always been characterised by natural light that regulates the daily course of all living organisms. Daylight increases the level of human activity which then reduces during darkness and after this the body assumes a relaxed sleeping phase. Biologically effective lighting simulates this natural process. Modern LED lighting systems, individually programmed or preset, take on this task. With various dynamic spectral components and illuminance levels, they imitate the course of the day and stimulate body responses.

### The positive influence of light

Light with a high blue spectral component activates and increases the capability for performance and concentration. If this blue component in light reduces, the body relaxes and enters into a calm phase. White/white control offers further positive effects on the human biological rhythm. It is able to improve motivation, the ability to concentrate and therefore productivity as well and provides ideal support with intellectual tasks.

### The right light at the right time

The use of Human Centric Lighting is not only suitable for the medical-therapeutic sector, but also for office and industrial areas. It is however only competent lighting design that enables the optimal utilisation of these intelligent lighting solutions. TRILUX provides this service and, in addition to the spatial conditions, also takes into account the type of use. It is then decided which lighting is actually needed and what the light must supply. This guarantees individual lighting solutions that are able to modify according to human requirements and supply the right light at the right time.



Requisite artificial light is mixed from warm white (3,000 K) and daylight white (6,500 K) light sources according to the time of day.

# HUMAN CENTRIC LIGHTING

HEALTH  
ACTIVATION  
RELAXATION  
EXPERIENCE



Left: 6500 K, Right: 3000 K

### **TRILUX Active luminaires**

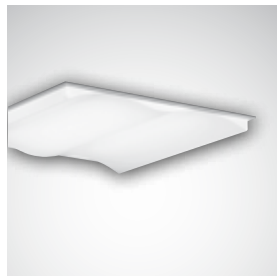
With Active luminaires, TRILUX bridges across to the topic of „Human Centric Lighting“ to bring biologically effective light into a wide range of sectors (e.g. health & care, office and education).

For example: recessed and surface-mounted luminaires with planar light for patient rooms, offices and classrooms, or surface-mounted luminaires and downlights for traffic paths and social areas.

TRILUX Active luminaires are equipped both with warm white (3000 K) and cool white (6500 K) LEDs. This design enables the individual selection of desired colour mixes in combination with white/white controls as well as the use of controls for biologically effective lighting that automatically simulate the daytime sequence using light intensity and light colour.



**Belviso Active LED**



**Livity Active LED**



**Acuro Active LED**



**Sanesca Active LED**



**Inperla Ligra Plus Active LED**



**Athenik Ligra Plus Active LED**

# REFURBISHMENT

REFURBISH NOW  
AND REAP THE BENEFITS



Many reasons exist for upgrading existing lighting installations. The refurbishing of lighting installations offers a whole host of advantages, be they reducing costs by increasing efficiency, extending maintenance intervals with modern, durable technology or improving the quality of light by implementing lighting design according to the latest recognitions.

Light according to requirements is also an important competitive advantage. Poorly illuminated rooms and areas on the other hand represent sources of danger and errors. Whether it's for a company, an office or an external application – the demands made on modern lighting solutions are increasing across the board. At the same time, new forms of technology and systems enable the implementation of lighting concepts aligned to the needs of the people. Energy efficiency, light guidance, construction forms or control and networking – today's light is much more than merely illumination.

**Ideally suitable for refurbishment projects:**



**E-Line LED**



**Aragon LED**



**Mirona QL LED**



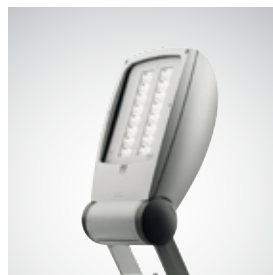
**Arimo Slim LED**



**Lumega IQ LED**



**Cuvia 40/60 LED**



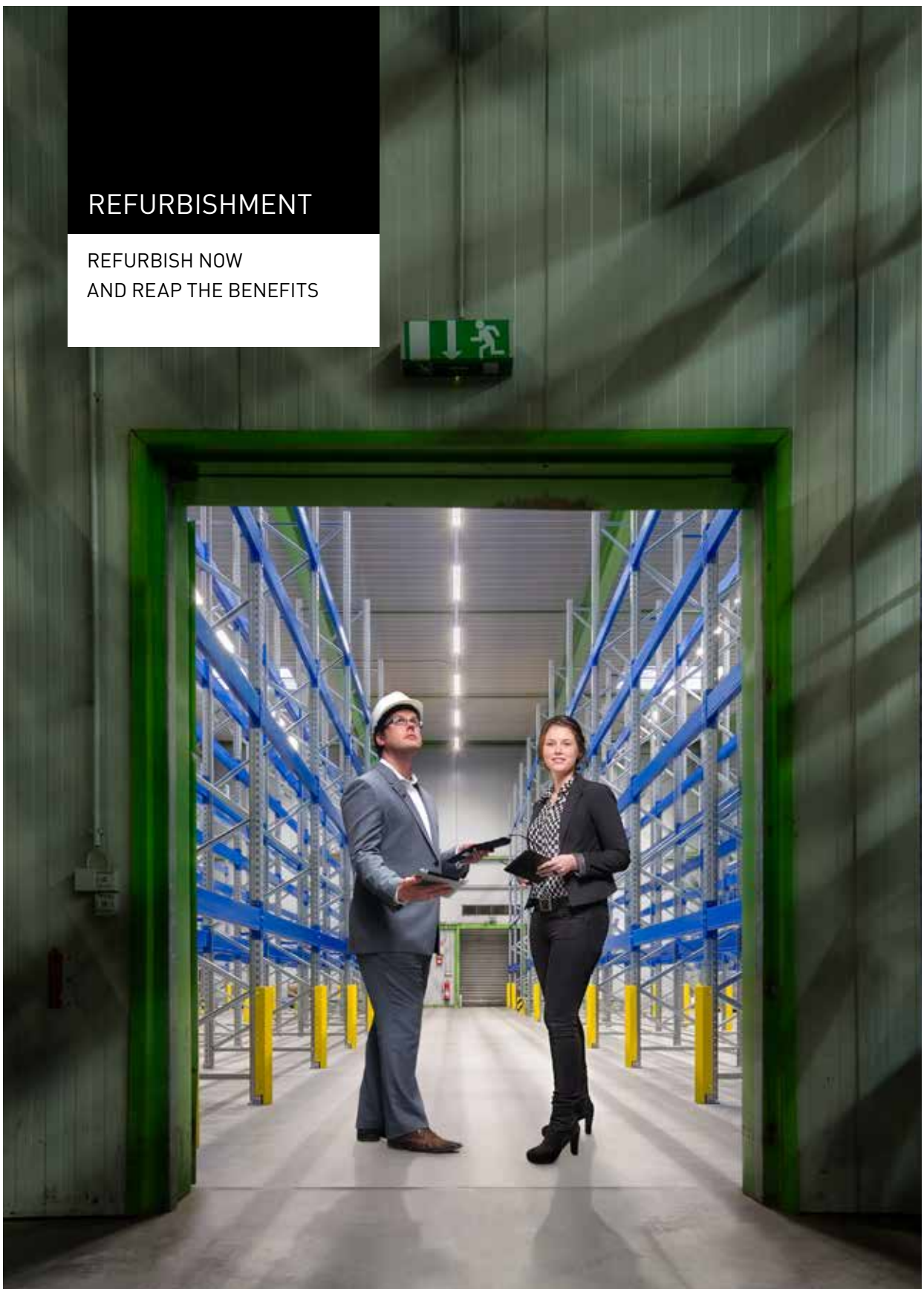
**Lumena 40 LED**



**Lumena Star LED**

# REFURBISHMENT

REFURBISH NOW  
AND REAP THE BENEFITS



The basis for economic upgrading is highly efficient LED products, with optimum savings potential achieved with the use of light management systems. With this in mind, TRILUX works intensively on researching and developing new principles and methods which help bring the benefits of the latest technology and the many years of experience the TRILUX Group has to our customers.

Applicable legislation and guidelines specify not just the responsible handling of resources – legislative authorities also often offer attractive subsidy programmes to support upgrading to modern lighting solutions. Refurbishment projects are frequently highly complex. This ranges from a precise knowledge of the application and exact development of individual solutions to expert implementation incorporating the best possible efficiency levels. TRILUX provides support for upgrading lighting installations, from assessing the current status and planning to installation and financing. Even with subsidy applications for the financing of lighting projects, TRILUX is the right partner for professional lighting. With high levels of experience and performance in production and technology, leading the way in research and development and with a close, direct proximity to customers in all applications.

That’s the TRILUX philosophy – Simplify Your Light.

### Energy efficiency example:

Modernisation of a conventional T8 system to efficient E-Line LED continuous lines (example: 13,000 lumens)

Warehouse	Old system	New system A	New system B + light management (LM)
Luminaire	Continuous line 2 x 58 W VVG	7650 TB LED 13000-840 ET	7650 TB LED 13000-840 ETDD
Number of luminaires per building	128 pieces	64 pieces	64 pieces
Total power consumption	16,896 kWh	6,912 kWh	6,912 kWh
Energy consumption p. a.	67,584 kWh	27,648 kWh	19,354 kWh
Energy costs p.a.	18,450.43 EUR	7,547.90 EUR	5,283.53 EUR
Saved kilowatt hours p. a.	-	<b>39,936 kWh</b>	<b>48,230 kWh</b>
Energy cost saving p.a.	-	<b>10,902.53 EUR</b>	<b>13,166.90 EUR</b>
Reduction in energy consumption p. a.	-	<b>59 %</b>	<b>71 %</b>

Assumption: Electricity price 0.21 EUR/kWh; annual inflation rate for electricity costs 5 %; utilisation period 8 years

Calculate your LED refurbishment project for energy efficiency, CO<sub>2</sub> savings, costs and pay-back periods at [www.trilux.com/efficiency-calculator](http://www.trilux.com/efficiency-calculator).

Our light experts will be happy to support you with optimum planning and implementation. **Simply contact us!**



## TRILUX TOOLS

SIMPLE PLANNING  
WITH THE TRILUX  
EFFICIENCY CALCULATOR

OFF





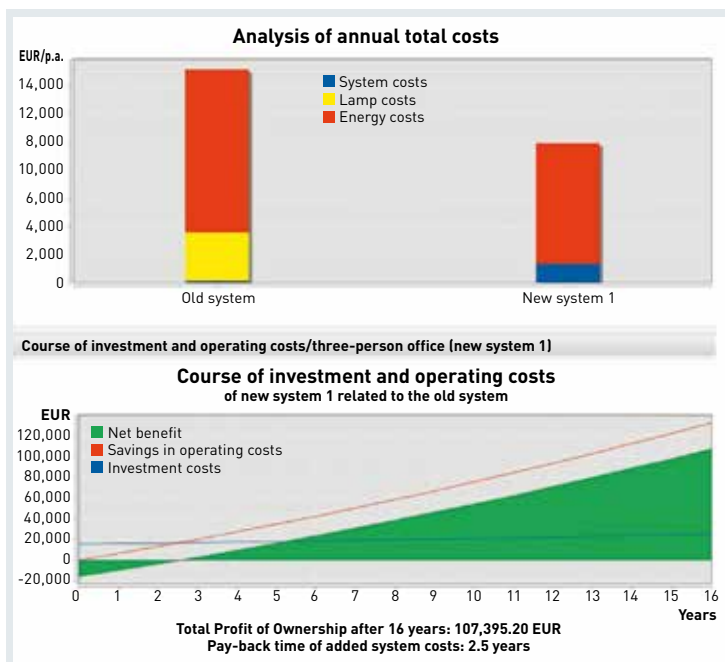
With the Efficiency Calculator, TRILUX provides a tool to compare the economy of up to five lighting systems with each other. The savings potential of new systems can be simply determined and documented. For example, the efficiency calculator calculates the pay-back period of a new system with LED lighting. The profit level achieved by running savings over and above the added investment during the complete system life cycle can also be calculated.

### Analysis and graphic processing

For calculation purposes, all economically relevant parameters are entered into a concise input form. Luminaire, system and utilisation data are taken into account as well as system, lamp, maintenance and energy costs. Connection to the TRILUX online catalogue ensures that product data is always up-to-date. Clear graphic displays of the results, e.g. the analysis of annual total costs or the sequence of investment and operating costs make it all clearly understandable at first glance.

### Easy use of data

Calculation results are summarised in easily understandable tables to support customer-specific decision processes. These include statements concerning energy efficiency, reduction of carbon dioxide, costs and pay-back periods for relevant planning fundamentals. Individually created projects can of course be saved to a local PC, archived and then processed later. Creating a project report is also useful. This includes all project data, evaluations, diagrams as well as data sheets of the products used.



# TRILUX ONLINE

SIMPLY WORKING  
MORE EFFICIENTLY



SIMPLIFY YOUR  
WORKING PROCESS.



SIMPLIFY YOUR  
TEAMWORK.



SIMPLIFY YOUR  
SEARCH.



SIMPLIFY YOUR  
PROJECT  
MANAGEMENT.



SIMPLIFY YOUR  
WORKSPACE.



SIMPLIFY YOUR  
CONFIGURATION.



### **Simply working more efficiently – with the new TRILUX website.**

Concise, practical and with intuitive use – this is TRILUX online from now on. The new TRILUX website is not only now more tidy and modern, but each area, screen and function has been newly designed. Requisite information is found at the right location and daily work is now supported more than ever.

The online presence now unites the classic website, the product catalogue, global references, configurators and the TRILUX portal. This portal contains a project management system in which all articles for a project can be saved. The portal automatically brings together all relevant data, so that product information, tender documents, planning data and prices are all available with one click. Online work was never as simple as this!

### **Simply everywhere and any time.**

Each area of the website has been optimised for PCs, tablets and smart phones. This means that all functions are available at all times and in a user-friendly way. Whether you're in the office, out-and-about or at home – TRILUX helps you to master your daily work anywhere.

### **Simply configuring.**

It was never simpler to configure a product yourself, for example from a single module to a complete continuous line in less than one minute. Following configuration, a parts list is automatically created with prices and all requisite data.

### **Simply managing projects.**

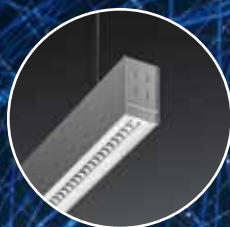
Product data from the online catalogue, your configurations or important website content – all of this can be saved in the TRILUX Portal. You can also create project folders and work simultaneously with several people as part of a team. The integrated timeline with comment functionality offers a continuous overview of the current project status.

### **Simply calculating prices.**

Never lose sight of costs again. The portal directly displays gross prices for individual products. ...and that's not all – if several products are assigned to a project the complete total is automatically calculated.

# TRILUX XPERIENCE

DIVING INTO THE WORLD  
OF LIGHT



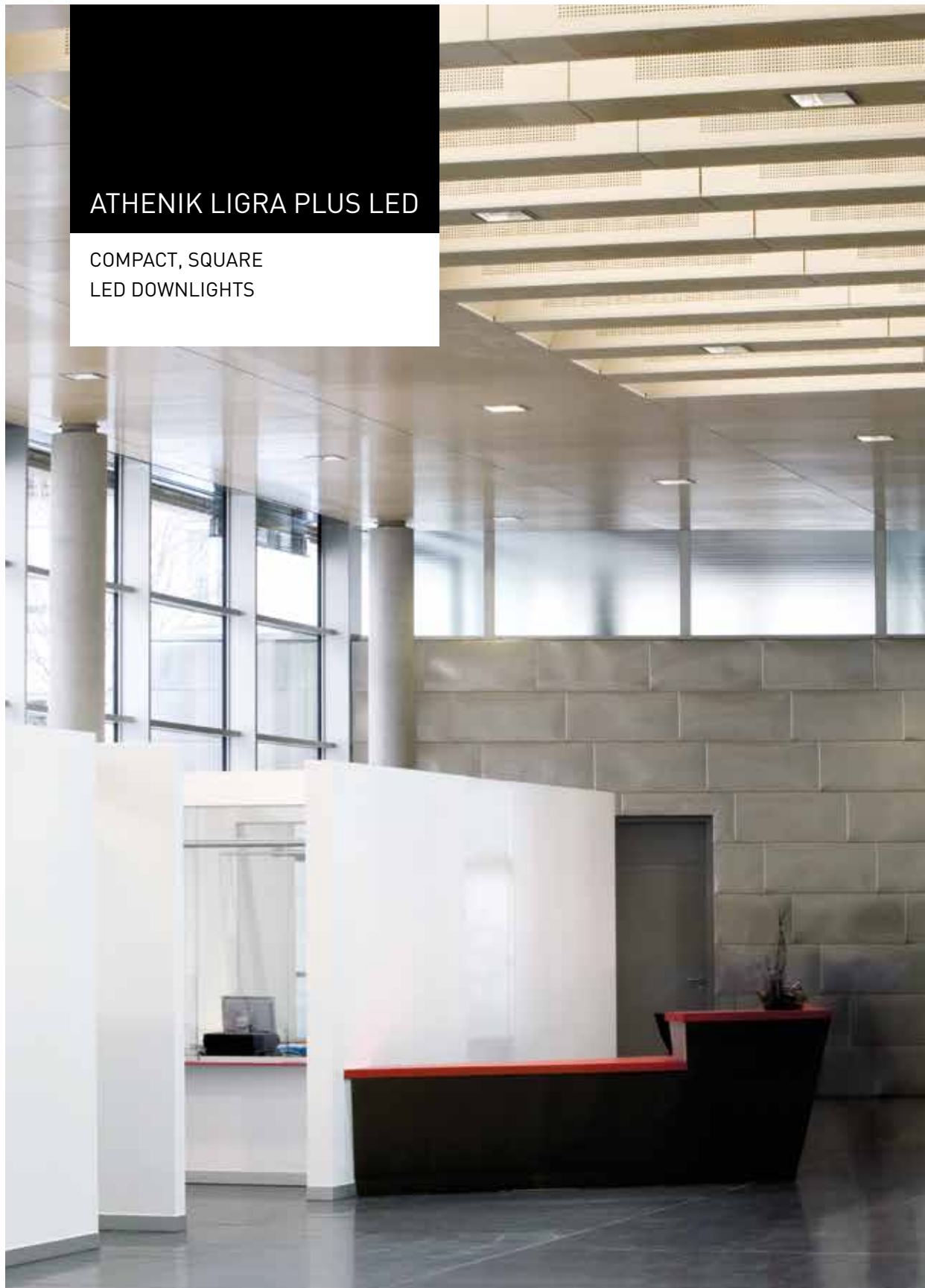


With the new XPERIENCE internet platform, we transform the fascination of light in all its facets into genuine experiences, ranging from emotional effects to savings potential. A filter function sorts application examples where required according to themes and applications. Those searching specifically for energy savings potential in the industrial sector, office lighting solutions or medical applications with light for example find suitable offers in next to no time, and of course projects, products and technical trends, provided in the form of articles, interviews, videos and image galleries.

[www.trilux.com/xperience](http://www.trilux.com/xperience)

## ATHENIK LIGRA PLUS LED

COMPACT, SQUARE  
LED DOWNLIGHTS



## LIGHT IN A NEW LEAGUE

- Mains through-wiring from luminaire to luminaire means that refurbishments are simpler than ever before.
- Various beam characteristics, luminous flux packages and designs make the Athenik Ligma Plus LED the ideal lighting solution.
- A wide distribution optic, limited luminance levels and high glare reduction ensure a pleasant sense of light and maximum visual comfort.



	✓
	> 50,000 h
	switchable and dimmable (DALI), switchable
	White-white control

Highly reflective semi-specular reflector

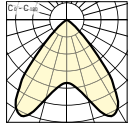
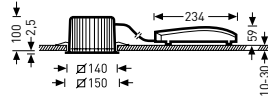


Highly reflective specular reflector



# ATHENIK LIGRA PLUS LED

Compact square Active LED downlight with highly specular reflector (HR) for lighting with variable colour temperatures



Cut-out opening 140 x 140 mm, recess depth 100 mm

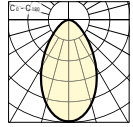
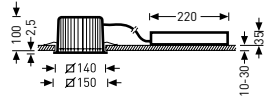


Reference	TOC	...ETDD		EEC	W	≈kg
White, LED for colour temperature adjustable lighting						
• AthenikLP Act C05 HR22 927-957...01	63 546...	...51	1000 lm	A++/A+/A	17	2.0
• IK02/0.2 J 650 °C						





## Compact square LED downlight with semi-specular reflector (MR)



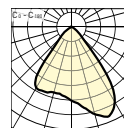
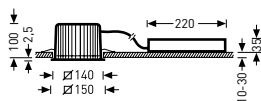
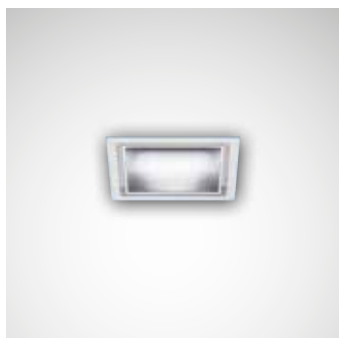
Cut-out opening 140 x 140 mm, recess depth 100 mm

IP20 \*...MR19...

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White, LED							
AthenikLP C05 MR19 1000-830...01	63 500...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR19 1000-840...01	63 501...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR19 1800-830...01	63 516...	...51	...40	1700 lm	A++/A+/A	16	1.6
AthenikLP C05 MR19 1800-840...01	63 517...	...51	...40	1800 lm	A++/A+/A	16	1.6
AthenikLP C05 MR22 1000-830...01	63 496...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR22 1000-840...01	63 497...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR22 1800-830...01	63 512...	...51	...40	1700 lm	A++/A+/A	16	1.6
AthenikLP C05 MR22 1800-840...01	63 513...	...51	...40	1800 lm	A++/A+/A	16	1.6
AthenikLP C05 MR22 2700-830...01	63 536...	...51	...40	2600 lm	A++/A+/A	25	1.6
AthenikLP C05 MR22 2700-840...01	63 537...	...51	...40	2700 lm	A++/A+/A	25	1.6
AthenikLP C05 MR25 2700-830...01	63 533...	...51	...40	2600 lm	A++/A+/A	25	1.6
AthenikLP C05 MR25 2700-840...01	63 532...	...51	...40	2700 lm	A++/A+/A	25	1.6
Silver-grey, LED							
AthenikLP C05 MR19 1000-830...03	63 498...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR19 1000-840...03	63 499...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR19 1800-830...03	63 514...	...51	...40	1700 lm	A++/A+/A	16	1.6
AthenikLP C05 MR19 1800-840...03	63 515...	...51	...40	1800 lm	A++/A+/A	16	1.6
AthenikLP C05 MR22 1000-830...03	63 494...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR22 1000-840...03	63 495...	...51	...40	1000 lm	A++/A+/A	9	1.6
AthenikLP C05 MR22 1800-830...03	63 510...	...51	...40	1700 lm	A++/A+/A	16	1.6
AthenikLP C05 MR22 1800-840...03	63 511...	...51	...40	1800 lm	A++/A+/A	16	1.6
AthenikLP C05 MR22 2700-830...03	63 534...	...51	...40	2600 lm	A++/A+/A	25	1.6
AthenikLP C05 MR22 2700-840...03	63 535...	...51	...40	2700 lm	A++/A+/A	25	1.6
AthenikLP C05 MR25 2700-830...03	63 530...	...51	...40	2600 lm	A++/A+/A	25	1.6
AthenikLP C05 MR25 2700-840...03	63 531...	...51	...40	2700 lm	A++/A+/A	25	1.6

• IK02/0.2 J 650 °C

## Compact square LED downlight with highly semi-specular reflector (MR), asymmetric distribution



Cut-out opening 140 x 140 mm, recess depth 100 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
White, LED							
• AthenikLP C05 WW-MR 1800-830...01	63 520...	...51	...40	1700 lm	A++/A+/A	16	1.6
AthenikLP C05 WW-MR 1800-840...01	63 521...	...51	...40	1800 lm	A++/A+/A	16	1.6
Silver-grey, LED							
AthenikLP C05 WW-MR 1800-830...03	63 518...	...51	...40	1700 lm	A++/A+/A	16	1.6
AthenikLP C05 WW-MR 1800-840...03	63 519...	...51	...40	1800 lm	A++/A+/A	16	1.6

• IK02/0.2 J 650 °C

### Decorative rings



Reference	TOC	Accessory description	=kg
AthenikL C05 RG-PC	60 193 00	Decorative polycarbonate ring, convex	0.1

### Decorative covers



Reference	TOC	Accessory description	=kg
AthenikL C05 RD-PC	60 192 00	Decorative polycarbonate cover, increased lighting comfort through decorative ceiling illumination	0.1

## Decorative covers (IP54), glass



Reference	TOC	Accessory description	≈kg
AthenikL C05 DA 01	60 188 00	Decorative cover of float glass, clear, inserted in die-cast decorative ring, white, for IP54 protection rating on room side	0.2
AthenikL C05 DA 03	60 189 00	Decorative cover of float glass, clear, inserted in die-cast decorative ring, silver-grey, for IP54 protection rating on room side	0.2
AthenikL C05 DA-M 01	60 190 00	Decorative cover of frosted glass, clear, inserted in die-cast decorative ring, white, for IP54 protection rating on room side	0.2
AthenikL C05 DA-M 03	60 191 00	Decorative cover of frosted glass, clear, inserted in die-cast decorative ring, silver-grey, for IP54 protection rating on room side	0.2

## Decorative cylinders



Reference	TOC	Accessory description	≈kg
AthenikL C05 ZN-PC	60 194 00	Decorative polycarbonate cylinder, low	0.1

## Mounting plates

Reference	TOC	Accessory description	≈kg
AthenikL C05 MP 300	60 601 00	For downlight installation in module ceilings, module 300, and closed ceilings with low load bearing capacity	2.8
AthenikL C05 MP 600	60 605 00	For downlight installation in module ceilings, module 600, and closed ceilings with low load bearing capacity	2.4
AthenikL C05 MP 625	60 603 00	For downlight installation in module ceilings, module 625, and closed ceilings with low load bearing capacity	2.5

## Concrete casting boxes



Reference	TOC	Accessory description	≈kg
AthenikL C05 BE	60 678 00	Concrete casting box	2.6
























## INPERLA LIGRA PLUS LED

COMPACT, ROUND  
LED DOWNLIGHTS

## LIGHT IN A NEW LEAGUE

- Mains through-wiring from luminaire to luminaire means that refurbishments are simpler than ever before. Installation in the existing (too large) ceiling cutouts with special pattresses.
- Various beam characteristics, luminous flux packages and designs make the Inperla Ligra Plus LED the ideal lighting solution.
- A wide distribution optic, limited luminance levels and high glare reduction ensure a pleasant sense of light and maximum visual comfort.

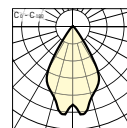
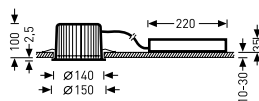


-  
-      
-  
-   
-  ✓
-    
-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  Emergency light version with individual battery, 3 hours, white-white control

Refurbishment pattresses  
for larger ceiling openings



## Compact round LED downlight with faceted reflector (BR)



Cut-out opening  $\varnothing$  140 mm, recess depth 100 mm

IP20 \*...BR19...

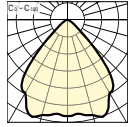
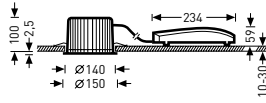
Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White, LED							
• InperlaLP C05 BR19 1000-830...01	63 553...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR19 1000-840...01	63 554...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR19 1800-830...01	63 569...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 BR19 1800-840...01	63 570...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 BR22 1000-830...01	63 549...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR22 1000-840...01	63 550...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR22 1800-830...01	63 565...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 BR22 1800-840...01	63 566...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 BR22 2700-830...01	63 597...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 BR22 2700-840...01	63 598...	...51	...40	2700 lm	A++/A+/A	25	1.5
InperlaLP C05 BR25 2700-830...01	63 594...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 BR25 2700-840...01	63 593...	...51	...40	2700 lm	A++/A+/A	25	1.5
Silver-grey, LED							
InperlaLP C05 BR19 1000-830...03	63 551...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR19 1000-840...03	63 552...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR19 1800-830...03	63 567...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 BR19 1800-840...03	63 568...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 BR22 1000-830...03	63 547...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR22 1000-840...03	63 548...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 BR22 1800-830...03	63 563...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 BR22 1800-840...03	63 564...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 BR22 2700-830...03	63 595...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 BR22 2700-840...03	63 596...	...51	...40	2700 lm	A++/A+/A	25	1.5
InperlaLP C05 BR25 2700-830...03	63 591...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 BR25 2700-840...03	63 592...	...51	...40	2700 lm	A++/A+/A	25	1.5

• IK02/0.2 J 650 °C



# INPERLA LIGRA PLUS LED

Compact round Active LED downlight with highly specular reflector (HR) for lighting with variable colour temperatures

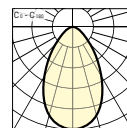
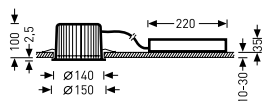


Cut-out opening  $\varnothing$  140 mm, recess depth 100 mm



Reference	TOC	...ETDD		EEC	W	=kg
White, LED for colour temperature adjustable lighting						
• InperlaLP Act C05 HR22 927-957...01	63 607...	...51	900 lm	A++/A+/A	17	1.9
• IK02/0.2 J 650 °C						

## Compact round LED downlight with highly specular reflector (HR)



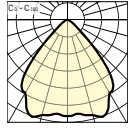
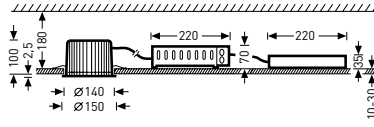
Cut-out opening  $\varnothing$  140 mm, recess depth 100 mm

IP20 \*...HR19...

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White, LED							
• InperlaLP C05 HR19 1000-830...01	63 561...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR19 1000-840...01	63 562...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR19 1800-830...01	63 577...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 HR19 1800-840...01	63 578...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 HR22 1000-830...01	63 557...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR22 1000-840...01	63 558...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR22 1800-830...01	63 573...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 HR22 1800-840...01	63 574...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 HR22 2700-830...01	63 605...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 HR22 2700-840...01	63 606...	...51	...40	2700 lm	A++/A+/A	25	1.5
InperlaLP C05 HR25 2700-830...01	63 602...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 HR25 2700-840...01	63 601...	...51	...40	2700 lm	A++/A+/A	25	1.5
Silver-grey, LED							
InperlaLP C05 HR19 1000-830...03	63 559...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR19 1000-840...03	63 560...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR19 1800-830...03	63 575...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 HR19 1800-840...03	63 576...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 HR22 1000-830...03	63 555...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR22 1000-840...03	63 556...	...51	...40	1000 lm	A++/A+/A	9	1.5
InperlaLP C05 HR22 1800-830...03	63 571...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 HR22 1800-840...03	63 572...	...51	...40	1800 lm	A++/A+/A	16	1.5
InperlaLP C05 HR22 2700-830...03	63 603...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 HR22 2700-840...03	63 604...	...51	...40	2700 lm	A++/A+/A	25	1.5
InperlaLP C05 HR25 2700-830...03	63 599...	...51	...40	2600 lm	A++/A+/A	25	1.5
InperlaLP C05 HR25 2700-840...03	63 600...	...51	...40	2700 lm	A++/A+/A	25	1.5

• IK02/0.2 J 650 °C

## Compact round LED downlight with highly specular reflector (HR)



Cut-out opening  $\varnothing$  140 mm, recess depth 100 mm

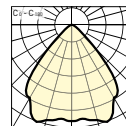
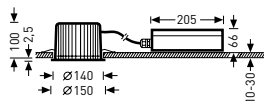


Reference	TOC	...ETDD	...ET		EEC	W	=kg
White, LED							
• InperlaLP C05 HR22 1800-830...EB3 01	63 590...	...51	...40	1700 lm	A++/A+/A	16	2.8
InperlaLP C05 HR22 1800-840...EB3 01	63 589...	...51	...40	1800 lm	A++/A+/A	16	2.8
Silver-grey, LED							
InperlaLP C05 HR22 1800-830...EB3 03	63 587...	...51	...40	1700 lm	A++/A+/A	16	2.8
InperlaLP C05 HR22 1800-840...EB3 03	63 588...	...51	...40	1800 lm	A++/A+/A	16	2.8

• IK02/0.2 J 650 °C

# INPERLA LIGRA PLUS LED

Compact round LED downlight with highly specular reflector (HR), high protection rating together with closed covers



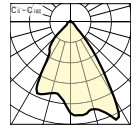
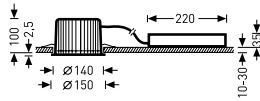
Cut-out opening  $\varnothing$  140 mm, recess depth 100 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White, LED							
• InperlaLP C05 HR22 IP 1800-830...01	63 581...	...51	...40	1700 lm	A++/A+/A	16	2.0
InperlaLP C05 HR22 IP 1800-840...01	63 582...	...51	...40	1800 lm	A++/A+/A	16	2.0
Silver-grey, LED							
InperlaLP C05 HR22 IP 1800-830...03	63 579...	...51	...40	1700 lm	A++/A+/A	16	2.0
InperlaLP C05 HR22 IP 1800-840...03	63 580...	...51	...40	1800 lm	A++/A+/A	16	2.0

• IK02/0.2 J 650 °C

## Compact round LED downlight with semi-specular reflector (MR), asymmetric distribution



Cut-out opening  $\varnothing$  140 mm, recess depth 100 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
White, LED							
InperlaLP C05 WW-MR 1800-830...01	63 585...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 WW-MR 1800-840...01	63 586...	...51	...40	1750 lm	A++/A+/A	16	1.5
Silver-grey, LED							
InperlaLP C05 WW-MR 1800-830...03	63 583...	...51	...40	1700 lm	A++/A+/A	16	1.5
InperlaLP C05 WW-MR 1800-840...03	63 584...	...51	...40	1750 lm	A++/A+/A	16	1.5

• IK02/0.2 J 650 °C

### Decorative rings



Reference	TOC	Accessory description	=kg
InperlaL C05 RG-PC	60 200 00	Decorative polycarbonate ring, convex	0.1

### Decorative covers



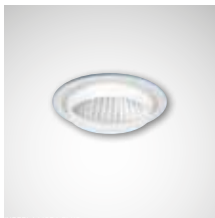
Reference	TOC	Accessory description	=kg
InperlaL C05 RD-PC	60 199 00	Decorative polycarbonate cover, increased lighting comfort via decorative ceiling illumination	0.1

## Decorative covers (IP54), glass



Reference	TOC	Accessory description	≈kg
InperlaL C05 DA 01	60 195 00	Decorative cover of float glass, clear, inserted in die-cast decorative ring, white, for IP54 protection rating on room side	0.3
InperlaL C05 DA 03	60 196 00	Decorative cover of float glass, clear, inserted in die-cast decorative ring, silver-grey, for IP54 protection rating on room side	0.3
InperlaL C05 DA-M 01	60 197 00	Decorative cover of frosted glass, clear, inserted in die-cast decorative ring, white, for IP54 protection rating on room side	0.3
InperlaL C05 DA-M 03	60 198 00	Decorative cover of frosted glass, clear, inserted in die-cast decorative ring, silver-grey, for IP54 protection rating on room side	0.3

## Decorative cylinders



Reference	TOC	Accessory description	≈kg
InperlaL C05 ZN-PC	60 201 00	Decorative polycarbonate cylinder, low	0.1

## Mounting plates

Reference	TOC	Accessory description	≈kg
InperlaL C05 MP 300	60 600 00	For downlight installation in module ceilings, module 300, and closed ceilings with low load bearing capacity	2.8
InperlaL C05 MP 600	60 604 00	For downlight installation in module ceilings, module 600, and closed ceilings with low load bearing capacity	2.4
InperlaL C05 MP 625	60 602 00	For downlight installation in module ceilings, module 625, and closed ceilings with low load bearing capacity	2.5

## Concrete casting boxes



Reference	TOC	Accessory description	≈kg
InperlaL C05 BE	60 677 00	Concrete casting box	2.6

## Refurbishment pattress



Reference	TOC	Accessory description	≈kg
InperlaL C05 SP 160	60 679 00	InperlaL refurbishment pattress Ø 150-160 mm	0.1
InperlaL C05 SP 220	60 680 00	InperlaL refurbishment pattress Ø 170-220 mm	0.8
InperlaL C05 SP 260	60 681 00	InperlaL refurbishment pattress Ø 230-260 mm	1.2

ATHENIK

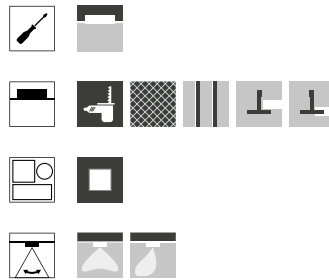
SQUARE DOWNLIGHTS





## THE PLEASANT COMPANION

- The transparent, square frame with frosted light emission structure complements lucid room architecture.
- Standardised glare elimination for computer screen workstations.
- Time-saving, tool-free mounting thanks to the tried-and-proven mounting system.

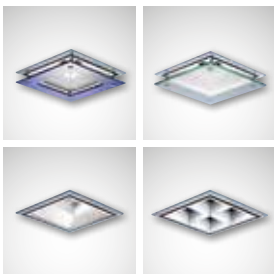


switchable and dimmable (DALI),  
switchable and dimmable (1...10 V), switchable



Emergency light version with individual battery,  
1 hour

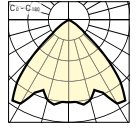
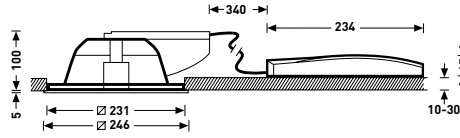
Various attachments



Cover for IP54 (on room side)




## Recessed downlights with small C1 construction, with highly specular reflector (HR)



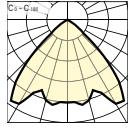
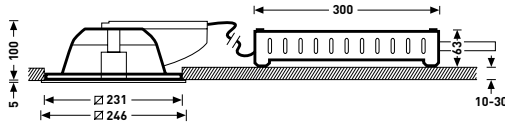
Cut-out opening 231 x 231 mm, recess depth 100 mm



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Athenik C1 HR 1TCD13...01	44 823...	-	-	...04	1 x TC-DEL 13	A	1.6
Athenik C1 HR 1TCT18...01	44 824...	...07	...05	...04	1 x TC-TEL 18	A/B	1.6
Athenik C1 HR 1TCT26/32...01	52 222...	...07	...05	...04	1 x TC-TEL 26/32	A	1.6
Athenik C1 HR 2TCD13...01	44 826...	-	-	...04	2 x TC-DEL 13	A	1.6
Athenik C1 HR 2TCT18...01	44 827...	...07	...05	...04	2 x TC-TEL 18	A/B	1.6
Athenik C1 HR 2TCT26/32...01	52 225...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Athenik C1 HR 1TCD13...03	44 835...	-	-	...04	1 x TC-DEL 13	A	1.6
Athenik C1 HR 1TCT18...03	44 836...	...07	...05	...04	1 x TC-TEL 18	A/B	1.6
Athenik C1 HR 1TCT26/32...03	52 223...	...07	...05	...04	1 x TC-TEL 26/32	A	1.6
Athenik C1 HR 2TCD13...03	44 838...	-	-	...04	2 x TC-DEL 13	A	1.6
Athenik C1 HR 2TCT18...03	44 839...	...07	...05	...04	2 x TC-TEL 18	A/B	1.6
Athenik C1 HR 2TCT26/32...03	52 226...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6


• IK03/0.35 J 850 °C

## Recessed downlights with small C1 construction, with highly specular reflector (HR) and emergency inverter



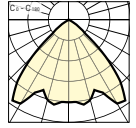
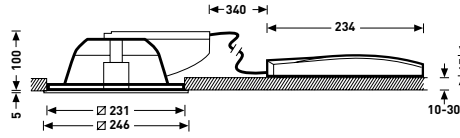
Cut-out opening 231 x 231 mm, recess depth 100 mm



Reference	TOC	...E		EEC	=kg
White					
• Athenik C1 HR 1TCD13...EB1h 01	47 512...	...04	1 x TC-DEL 13	A	2.8
Athenik C1 HR 1TCT18...EB1h 01	47 515...	...04	1 x TC-TEL 18	A/B	2.8
Athenik C1 HR 1TCT26...EB1h 01	47 518...	...04	1 x TC-TEL 26	A	2.8
Silver-grey					
Athenik C1 HR 1TCD13...EB1h 03	47 513...	...04	1 x TC-DEL 13	A	2.8
Athenik C1 HR 1TCT18...EB1h 03	47 516...	...04	1 x TC-TEL 18	A/B	2.8
Athenik C1 HR 1TCT26...EB1h 03	47 519...	...04	1 x TC-TEL 26	A	2.8

• IK03/0.35 J 850 °C

## Recessed downlights with small C1 construction, with semi-specular reflector (MR)



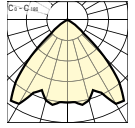
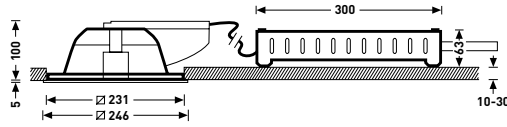
Cut-out opening 231 x 231 mm, recess depth 100 mm



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Athenik C1 MR 1TCD13...01	44 829...	-	-	...04	1 x TC-DEL 13	A	1.6
Athenik C1 MR 1TCT18...01	44 830...	...07	...05	...04	1 x TC-TEL 18	A/B	1.6
Athenik C1 MR 1TCT26/32...01	52 228...	...07	...05	...04	1 x TC-TEL 26/32	A	1.6
Athenik C1 MR 2TCD13...01	44 832...	-	-	...04	2 x TC-DEL 13	A	1.6
Athenik C1 MR 2TCT18...01	44 833...	...07	...05	...04	2 x TC-TEL 18	A/B	1.6
Athenik C1 MR 2TCT26/32...01	52 231...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Athenik C1 MR 1TCD13...03	44 841...	-	-	...04	1 x TC-DEL 13	A	1.6
Athenik C1 MR 1TCT18...03	44 842...	...07	...05	...04	1 x TC-TEL 18	A/B	1.6
Athenik C1 MR 1TCT26/32...03	52 229...	...07	...05	...04	1 x TC-TEL 26/32	A	1.6
Athenik C1 MR 2TCD13...03	44 844...	-	-	...04	2 x TC-DEL 13	A	1.6
Athenik C1 MR 2TCT18...03	44 845...	...07	...05	...04	2 x TC-TEL 18	A/B	1.6
Athenik C1 MR 2TCT26/32...03	52 232...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6

• IK03/0.35 J 850 °C

## Recessed downlights with small C1 construction, with semi-specular reflector (MR) and emergency inverter



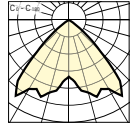
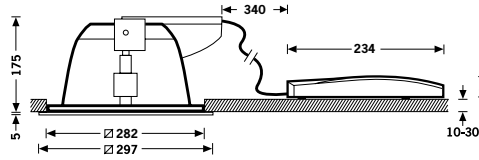
Cut-out opening 231 x 231 mm, recess depth 100 mm



Reference	TOC	...E		EEC	=kg
White					
• Athenik C1 MR 1TCD13...EB1h 01	47 521...	...04	1 x TC-DEL 13	A	2.8
Athenik C1 MR 1TCT18...EB1h 01	47 524...	...04	1 x TC-TEL 18	A/B	2.8
Athenik C1 MR 1TCT26...EB1h 01	47 527...	...04	1 x TC-TEL 26	A	2.8
Silver-grey					
Athenik C1 MR 1TCD13...EB1h 03	47 522...	...04	1 x TC-DEL 13	A	2.8
Athenik C1 MR 1TCT18...EB1h 03	47 525...	...04	1 x TC-TEL 18	A/B	2.8
Athenik C1 MR 1TCT26...EB1h 03	47 528...	...04	1 x TC-TEL 26	A	2.8


• IK03/0.35 J 850 °C

## Recessed downlights with large C2 construction, with highly specular reflector (HR)



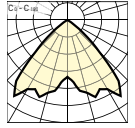
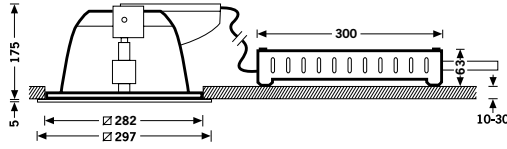
Cut-out opening 282 x 282 mm, recess depth 175 mm



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Athenik C2 HR 1TCT18...01	44 860...	...07	...05	...04	1 x TC-TEL 18	A/B	2.0
Athenik C2 HR 1TCT26/32/42...01	52 234...	...07	...05	...04	1 x TC-TEL 26/32/42	A	2.0
Athenik C2 HR 2TCT18...01	44 866...	...07	...05	...04	2 x TC-TEL 18	A/B	2.0
Athenik C2 HR 2TCT26/32/42...01	52 237...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.0
Silver-grey							
Athenik C2 HR 1TCT18...03	44 882...	...07	...05	...04	1 x TC-TEL 18	A/B	2.0
Athenik C2 HR 1TCT26/32/42...03	52 235...	...07	...05	...04	1 x TC-TEL 26/32/42	A	2.0
Athenik C2 HR 2TCT18...03	44 888...	...07	...05	...04	2 x TC-TEL 18	A/B	2.0
Athenik C2 HR 2TCT26/32/42...03	52 238...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.0

• IK03/0.35 J 850 °C

## Recessed downlights with large C2 construction, with highly specular reflector (HR) and emergency inverter



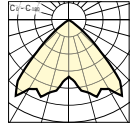
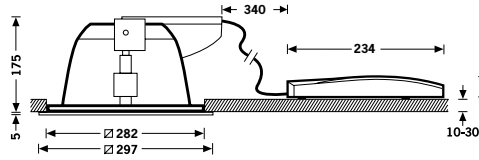
Cut-out opening 282 x 282 mm, recess depth 175 mm



Reference	TOC	...E		EEC	=kg
White					
• Athenik C2 HR 1TCT18...EB1h 01	47 530...	...04	1 x TC-TEL 18	A/B	3.0
Athenik C2 HR 1TCT26...EB1h 01	47 533...	...04	1 x TC-TEL 26	A	3.0
Silver-grey					
Athenik C2 HR 1TCT18...EB1h 03	47 531...	...04	1 x TC-TEL 18	A/B	3.0
Athenik C2 HR 1TCT26...EB1h 03	47 534...	...04	1 x TC-TEL 26	A	3.2


• IK03/0.35 J 850 °C

## Recessed downlights with large C2 construction, with semi-specular reflector (MR)



Cut-out opening 282 x 282 mm, recess depth 175 mm

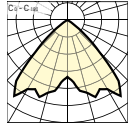
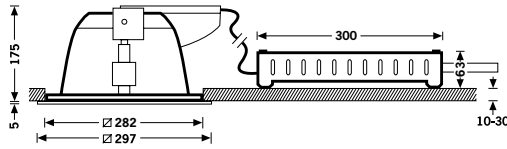


Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Athenik C2 MR 1TCT18...01	44 871...	...07	...05	...04	1 x TC-TEL 18	A/B	2.0
Athenik C2 MR 1TCT26/32/42...01	52 240...	...07	...05	...04	1 x TC-TEL 26/32/42	A	2.0
Athenik C2 MR 2TCT18...01	44 877...	...07	...05	...04	2 x TC-TEL 18	A/B	2.0
Athenik C2 MR 2TCT26/32/42...01	52 243...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.0
Silver-grey							
Athenik C2 MR 1TCT18...03	44 893...	...07	...05	...04	1 x TC-TEL 18	A/B	2.0
Athenik C2 MR 1TCT26/32/42...03	52 241...	...07	...05	...04	1 x TC-TEL 26/32/42	A	2.0
Athenik C2 MR 2TCT18...03	44 901...	...07	...05	...04	2 x TC-TEL 18	A/B	2.0
Athenik C2 MR 2TCT26/32/42...03	52 244...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.0

• IK03/0.35 J 850 °C



## Recessed downlights with large C2 construction, with semi-specular reflector (MR) and emergency inverter



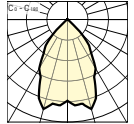
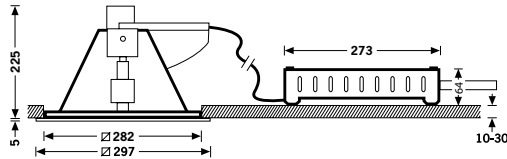
Cut-out opening 282 x 282 mm, recess depth 175 mm



Reference	TOC	...E		EEC	=kg
White					
• Athenik C2 MR 1TCT18...EB1h 01	47 536...	...04	1 x TC-TEL 18	A/B	3.2
Athenik C2 MR 1TCT26...EB1h 01	47 539...	...04	1 x TC-TEL 26	A	3.2
Silver-grey					
Athenik C2 MR 1TCT18...EB1h 03	47 537...	...04	1 x TC-TEL 18	A/B	3.2
Athenik C2 MR 1TCT26...EB1h 03	47 540...	...04	1 x TC-TEL 26	A	3.2

• IK03/0.35 J 850 °C

## Recessed downlights with large C2 construction, with semi-specular reflector (MR), for high pressure lamps



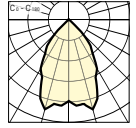
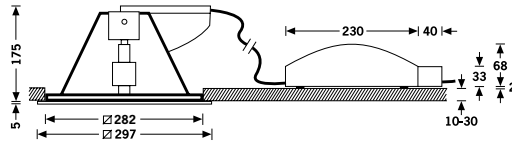
Cut-out opening 282 x 282 mm, recess depth 225 mm



Reference	TOC	...E		EEC	=kg
White					
• Athenik C2 MR 1HIT150...01	46 795...	...04	1 x HIT 150	A+	3.5
Silver-grey					
Athenik C2 MR 1HIT150...03	46 796...	...04	1 x HIT 150	A+	3.5

• IK03/0.35 J 850 °C


## Recessed downlights with large C2 construction, with semi-specular reflector (MR), for high pressure lamps



Cut-out opening 282 x 282 mm, recess depth 175 mm

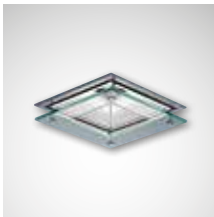


IP20

Reference	TOC	...E		EEC	≈kg
White					
• Athenik C2 MR 1HIT70...01	44 876...	...04	1 x HIT 70	A+/A	2.1
Silver-grey					
Athenik C2 MR 1HIT70...03	44 899...	...04	1 x HIT 70	A+/A	2.1

• IK03/0.35 J 850 °C

### Decorative rings



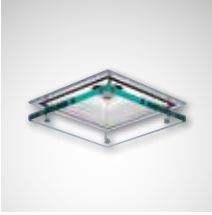
Reference	TOC	Accessory description	≈kg
Athenik C1 DR	44 792 00	Decorative ring, of clear glass, thickness 8 mm, for Athenik C1	0.8
Athenik C1 DR-BL	44 808 00	Decorative ring, of blue-tinted glass, thickness 5 mm, for Athenik C1	0.5
Athenik C1 DR-M	44 809 00	Decorative ring, of frosted glass, thickness 8 mm, for Athenik C1	0.8
Athenik C2 DR	44 801 00	Decorative rings, of clear glass, thickness 10 mm, for Athenik C2	1.2
Athenik C2 DR-BL	44 816 00	Decorative ring, of blue-tinted glass, thickness 5 mm, for Athenik C2	1.2
Athenik C2 DR-M	44 817 00	Decorative ring, of frosted glass, thickness 10 mm, for Athenik C2	1.5

## Decorative covers



Reference	TOC	Accessory description	=kg
<b>Athenik C1 DA 01</b>	44 789 00	Decorative disc, clear glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, white, for Athenik C1	1.0
<b>Athenik C1 DA 03</b>	44 790 00	Decorative disc, clear glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, silver grey, for Athenik C1	1.0
<b>Athenik C1 DA-M 01</b>	44 800 00	Decorative disc, frosted glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, white, for Athenik C1	1.0
<b>Athenik C1 DA-M 03</b>	44 791 00	Decorative disc, frosted glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, silver grey, for Athenik C1	1.0
<b>Athenik C2 DA 01</b>	45 293 00	Decorative disc, clear glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, white, for Athenik C2	1.4
<b>Athenik C2 DA 03</b>	44 799 00	Decorative disc, clear glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, silver grey, for Athenik C2	1.4
<b>Athenik C2 DA-M 01</b>	45 780 00	Decorative disc, frosted glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, white, for Athenik C2	1.4
<b>Athenik C2 DA-M 03</b>	44 802 00	Decorative disc, frosted glass, integrated in decorative ceiling ring, for IP54 protection rating on room side, silver grey, for Athenik C2	1.4

## Decorative accessories



Reference	TOC	Accessory description	≈kg
<b>Athenik C1 DS-8</b>	44 812 00	Decorative disc, of clear glass, thickness 8 mm, for Athenik C1	1.2
<b>Athenik C1 DS-M</b>	44 813 00	Decorative disc, of frosted glass, thickness 8 mm, for Athenik C1	1.6
<b>Athenik C1 DS-MC</b>	45 778 00	Decorative disc, with glass in Master Carree design, thickness 8 mm, for Athenik C1	1.2
<b>Athenik C1 DS-SC</b>	44 814 00	Decorative disc, with glass in chessboard design, thickness 8 mm, for Athenik C1	1.2
<b>Athenik C1 DS-SQ</b>	44 815 00	Decorative disc, of part-frosted glass, thickness 8 mm, for Athenik C1	1.2
<b>Athenik C2 DS-10</b>	44 819 00	Decorative disc, of clear glass, thickness 10 mm, for Athenik C2	2.1
<b>Athenik C2 DS-M</b>	44 821 00	Decorative disc, of frosted glass, thickness 10 mm, for Athenik C2	2.5
<b>Athenik C2 DS-MC</b>	45 781 00	Decorative disc, with glass in Master Carree design, thickness 10 mm, for Athenik C2	2.1
<b>Athenik C2 DS-SC</b>	45 782 00	Decorative disc, with glass in chessboard design, thickness 10 mm, for Athenik C2	2.1
<b>Athenik C2 DS-SQ</b>	44 822 00	Decorative disc, of part-frosted glass, thickness 10 mm, for Athenik C2	2.1

## Cross-blade louvres



Reference <sup>1)</sup>	TOC	Accessory description	≈kg
<b>Athenik C1 RA-HR</b>	45 246 00	Cross-blade louvre of reflection-intensifying coated aluminium, highly specular, for Athenik C1	0.1
<b>Athenik C1 RA-MR</b>	45 779 00	Cross-blade louvre of reflection-intensifying coated aluminium, semi-specular, for Athenik C1	0.1
<b>Athenik C2 RA-HR</b>	45 247 00	Cross-blade louvre of reflection-intensifying coated aluminium, highly specular, for Athenik C2	0.1
<b>Athenik C2 RA-MR</b>	45 245 00	Cross-blade louvre of reflection-intensifying coated aluminium, semi-specular, for Athenik C2	0.1

<sup>1)</sup> Not in combination with Athenik--HIT... and --SDW-TG... (version for high pressure lamps)

## Wallwasher optics

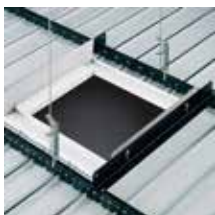


Reference <sup>1)2)</sup>	TOC	Accessory description	=kg
Athenik C1 WW-HR	46 782 00	Wallwasher optic for retro-fitting in Athenik reflectors, highly specular	0.1
Athenik C1 WW-MR	46 783 00	Wallwasher optic for retro-fitting in Athenik reflectors, semi-specular	0.1
Athenik C2 WW-HR	46 784 00	Wallwasher optic for retro-fitting in Athenik reflectors, highly specular	0.1
Athenik C2 WW-MR	46 785 00	Wallwasher optic for retro-fitting in Athenik reflectors, semi-specular	0.1

<sup>1)</sup>Only suitable for 1-lamp versions

<sup>2)</sup>Not in combination with Athenik---HIT--- and ---SDW-TG--- (version for high pressure lamps)

## Recessing cassettes for panel ceilings



Reference	TOC	Accessory description	=kg
Athenik C1 MP 300	44 795 00	Recessing cassette for panel ceilings, module 100, for Athenik C1	1.8
Athenik C2 MP 400	44 805 00	Recessing cassette for panel ceilings, module 100, for Athenik C2	2.3

## Concrete casting boxes



Reference	TOC	Accessory description	=kg
Athenik C1 BE	44 788 00	Concrete casting box for Athenik C1	2.8
Athenik C2 BE H=175	44 798 00	Concrete casting box for Athenik C2	5.0
Athenik C2 BE H=225	46 819 00	Concrete casting box, for ---HIT150---	6.1

## Mounting plates



Reference	TOC	Accessory description	=kg
Athenik C1 MP 600	44 796 00	Mounting plate, for reinforcing of ceiling plates, module 600, for Athenik C1	2.0
Athenik C1 MP 625	44 797 00	Mounting plate, for reinforcing of ceiling plates, module 625, for Athenik C1	2.1
Athenik C2 MP 600	44 806 00	Mounting plate, for reinforcing of ceiling plates, module 600, for Athenik C2	2.5
Athenik C2 MP 625	44 807 00	Mounting plate, for reinforcing of ceiling plates, module 625, for Athenik C2	3.8

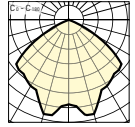
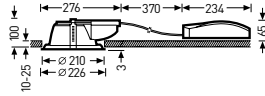
INPERLA (LED)

ROUND DOWNLIGHTS





## Recessed downlights with small C2 construction, with faceted reflector (BR)



Cut-out opening Ø 210 mm, recess depth 100 mm



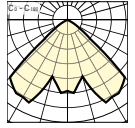
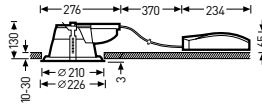
Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Inperla C2 BR 1TCT13...01	51 894...	-	-	...04	1 x TC-TEL 13	A	1.5
Inperla C2 BR 1TCT18...01	51 897...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 BR 1TCT26/32...01	51 902...	...07	...05	...04	1 x TC-TEL 26/32	A	1.4
Inperla C2 BR 2TCT13...01	51 903...	-	-	...04	2 x TC-TEL 13	A	1.5
Inperla C2 BR 2TCT18...01	51 906...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 BR 2TCT26/32...01 <sup>1)</sup>	51 911...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Inperla C2 BR 1TCT13...03	51 780...	-	-	...04	1 x TC-TEL 13	A	1.5
Inperla C2 BR 1TCT18...03	51 783...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 BR 1TCT26/32...03	51 786...	...07	...05	...04	1 x TC-TEL 26/32	A	1.4
Inperla C2 BR 2TCT13...03	51 792...	-	-	...04	2 x TC-TEL 13	A	1.5
Inperla C2 BR 2TCT18...03	51 795...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 BR 2TCT26/32...03 <sup>1)</sup>	51 798...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6

<sup>1)</sup> Inperla C2 with wattage of ≥ 2 x 26 W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C



## Recessed downlights with small C2 construction, with faceted reflector (BR), for VDU workstations (CAT2)



Cut-out opening  $\varnothing$  210 mm, recess depth 130 mm

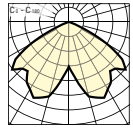
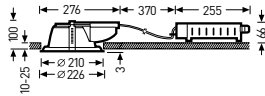


Reference	TOC	...EDD	...ED	...E		EEC	=kg
White							
• Inperla C2 BR-CAT2 1TCT18...01	51 912...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 BR-CAT2 1TCT26/32...01	51 913...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 BR-CAT2 2TCT18...01	51 914...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 BR-CAT2 2TCT26/32...01 <sup>1)</sup>	51 915...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Inperla C2 BR-CAT2 1TCT18...03	51 804...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 BR-CAT2 1TCT26/32...03	51 805...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 BR-CAT2 2TCT18...03	51 807...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 BR-CAT2 2TCT26/32...03 <sup>1)</sup>	51 808...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6

<sup>1)</sup>Inperla C2...CAT2 with wattage of  $\geq 2 \times 32$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C


## Recessed downlights with small C2 construction, with faceted reflector (BR) and emergency inverter



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm



IP20

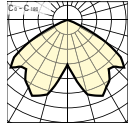
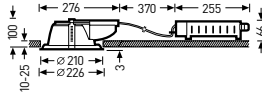
Reference	TOC	...E		EEC	≈kg
White					
Inperla C2 BR 1TCT13...EB3h 01	51 895...	...04	1 x TC-TEL 13	A	3.0
Inperla C2 BR 1TCT18...EB3h 01	51 898...	...04	1 x TC-TEL 18	A/B	2.9
Inperla C2 BR 1TCT26...EB3h 01	51 900...	...04	1 x TC-TEL 26	A	3.0
Inperla C2 BR 2TCT13...EB3h 01	51 904...	...04	2 x TC-TEL 13	A	2.9
Inperla C2 BR 2TCT18...EB3h 01	51 907...	...04	2 x TC-TEL 18	A/B	2.9
Inperla C2 BR 2TCT26...EB3h 01 <sup>1)</sup>	51 909...	...04	2 x TC-TEL 26	A	2.9
Silver-grey					
Inperla C2 BR 1TCT13...EB3h 03	51 781...	...04	1 x TC-TEL 13	A	3.0
Inperla C2 BR 1TCT18...EB3h 03	51 784...	...04	1 x TC-TEL 18	A/B	2.9
Inperla C2 BR 1TCT26...EB3h 03	51 787...	...04	1 x TC-TEL 26	A	3.0
Inperla C2 BR 2TCT13...EB3h 03	51 793...	...04	2 x TC-TEL 13	A	2.9
Inperla C2 BR 2TCT18...EB3h 03	51 796...	...04	2 x TC-TEL 18	A/B	2.9
Inperla C2 BR 2TCT26...EB3h 03 <sup>1)</sup>	51 799...	...04	2 x TC-TEL 26	A	2.9

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

# INPERLA (LED)

Recessed downlights with small C2 construction, with faceted reflector (BR), with switching relay for emergency lighting



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm

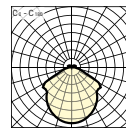
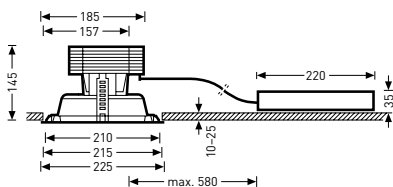


Reference	TOC	...E		EEC	=kg
White					
• Inperla C2 BR 1TCT13...UR 01	51 896...	...04	1 x TC-TEL 13	A	2.4
Inperla C2 BR 1TCT18...UR 01	51 899...	...04	1 x TC-TEL 18	A/B	2.4
Inperla C2 BR 1TCT26...UR 01	51 901...	...04	1 x TC-TEL 26	A	2.4
Inperla C2 BR 2TCT13...UR 01	51 905...	...04	2 x TC-TEL 13	A	2.4
Inperla C2 BR 2TCT18...UR 01	51 908...	...04	2 x TC-TEL 18	A/B	2.4
Inperla C2 BR 2TCT26...UR 01 <sup>1)</sup>	51 910...	...04	2 x TC-TEL 26	A	2.4
Silver-grey					
Inperla C2 BR 1TCT13...UR 03	51 782...	...04	1 x TC-TEL 13	A	2.4
Inperla C2 BR 1TCT18...UR 03	51 785...	...04	1 x TC-TEL 18	A/B	2.4
Inperla C2 BR 1TCT26...UR 03	51 788...	...04	1 x TC-TEL 26	A	2.4
Inperla C2 BR 2TCT13...UR 03	51 794...	...04	2 x TC-TEL 13	A	2.4
Inperla C2 BR 2TCT18...UR 03	51 797...	...04	2 x TC-TEL 18	A/B	2.4
Inperla C2 BR 2TCT26...UR 03 <sup>1)</sup>	51 800...	...04	2 x TC-TEL 26	A	2.4

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

## Recessed downlights with small C2 construction, with highly specular reflector (HR)



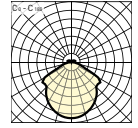
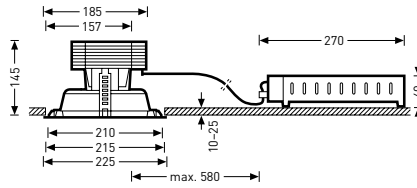
Cut-out opening  $\varnothing$  210 mm, recess depth 170 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White							
• Inperla C2 G2 HR LED 1100-830...01	65 221...	...51	...40	1000 lm	A++/A+/A	14	2.5
Inperla C2 G2 HR LED 1100-840...01	65 223...	...51	...40	1000 lm	A++/A+/A	13	2.5
Inperla C2 G2 HR LED 2000-830...01	65 228...	...51	...40	1900 lm	A++/A+/A	24	2.5
Inperla C2 G2 HR LED 2000-840...01	65 226...	...51	...40	1900 lm	A++/A+/A	22	2.5
Silver-grey							
Inperla C2 G2 HR LED 1100-830...03	65 222...	...51	...40	1000 lm	A++/A+/A	14	2.5
Inperla C2 G2 HR LED 1100-840...03	65 224...	...51	...40	1000 lm	A++/A+/A	13	2.5
Inperla C2 G2 HR LED 2000-830...03	65 227...	...51	...40	1900 lm	A++/A+/A	24	2.5
Inperla C2 G2 HR LED 2000-840...03	65 225...	...51	...40	1900 lm	A++/A+/A	22	2.5

• IK02/0.2 J 850 °C

## Recessed downlights with small C2 construction, with highly specular reflector (HR) and emergency inverter



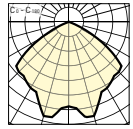
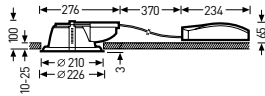
Cut-out opening  $\varnothing$  210 mm, recess depth 170 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
White							
• Inperla C2 G2 HR LED 1100-830...EB3 01	65 231...	...51	...40	1000 lm	A++/A+/A	14	4.2
Inperla C2 G2 HR LED 1100-840...EB3 01	65 229...	...51	...40	1000 lm	A++/A+/A	13	4.2
Inperla C2 G2 HR LED 2000-830...EB3 01	65 233...	...51	...40	1900 lm	A++/A+/A	24	4.2
Inperla C2 G2 HR LED 2000-840...EB3 01	65 232...	...51	...40	1900 lm	A++/A+/A	22	4.2
Silver-grey							
Inperla C2 G2 HR LED 1100-830...EB3 03	65 235...	...51	...40	1000 lm	A++/A+/A	14	4.2
Inperla C2 G2 HR LED 1100-840...EB3 03	65 234...	...51	...40	1000 lm	A++/A+/A	13	4.2
Inperla C2 G2 HR LED 2000-830...EB3 03	65 237...	...51	...40	1900 lm	A++/A+/A	24	4.2
Inperla C2 G2 HR LED 2000-840...EB3 03	65 236...	...51	...40	1900 lm	A++/A+/A	22	4.2


• IK02/0.2 J 850 °C

## Recessed downlights with small C2 construction, with highly specular (HR) reflector



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm



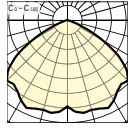
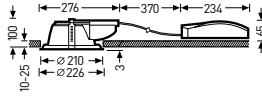
Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Inperla C2 HR 1TCT13...01	51 916...	-	-	...04	1 x TC-TEL 13	A	1.5
Inperla C2 HR 1TCT18...01	51 919...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 HR 1TCT26/32...01	51 924...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 HR 2TCT13...01	51 925...	-	-	...04	2 x TC-TEL 13	A	1.5
Inperla C2 HR 2TCT18...01	51 928...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 HR 2TCT26/32...01 <sup>1)</sup>	51 933...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Inperla C2 HR 1TCT13...03	51 810...	-	-	...04	1 x TC-TEL 13	A	1.5
Inperla C2 HR 1TCT18...03	51 813...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 HR 1TCT26/32...03	51 816...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 HR 2TCT13...03	51 822...	-	-	...04	2 x TC-TEL 13	A	1.5
Inperla C2 HR 2TCT18...03	51 825...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 HR 2TCT26/32...03 <sup>1)</sup>	51 828...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

# INPERLA (LED)

Recessed downlights with small C2 construction with highly specular reflector of folded silver-coated aluminium (HR-Ag)



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm

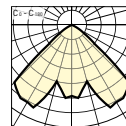
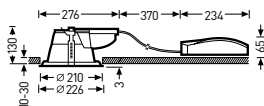


Reference	TOC	...EDD	...E		EEC	=kg
White						
• Inperla C2 HR-Ag 1TCT26/32...01	58 640...	...07	...04	1 x TC-TEL 26/32	A	1.5
Silver-grey						
Inperla C2 HR-Ag 1TCT26/32...03	58 641...	...07	...04	1 x TC-TEL 26/32	A	1.5

• IK02/0.2 J 850 °C

# INPERLA (LED)

Recessed downlights with small C2 construction, with highly specular reflector (HR), for VDU workstations (CAT2)



Cut-out opening  $\varnothing$  210 mm, recess depth 130 mm



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Inperla C2 HR-CAT2 1TCT18...01	51 934...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 HR-CAT2 1TCT26/32...01	51 935...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 HR-CAT2 2TCT18...01	51 936...	...07	...05	...04	2 x TC-TEL 18	A/B	1.6
Inperla C2 HR-CAT2 2TCT26/32...01 <sup>1)</sup>	51 937...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Inperla C2 HR-CAT2 1TCT18...03	51 834...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 HR-CAT2 1TCT26/32...03	51 835...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 HR-CAT2 2TCT18...03	51 837...	...07	...05	...04	2 x TC-TEL 18	A/B	1.6
Inperla C2 HR-CAT2 2TCT26/32...03 <sup>1)</sup>	51 838...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6

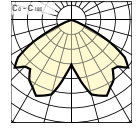
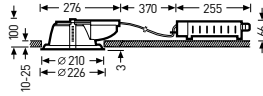
<sup>1)</sup>Inperla C2...CAT2 with wattage of  $\geq 2 \times 32$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C



# INPERLA (LED)

Recessed downlights with small C2 construction, with highly specular reflector (HR), with emergency inverter



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm



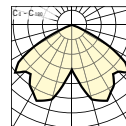
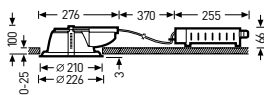
Reference	TOC	...E		EEC	=kg
White					
• Inperla C2 HR 1TCT13...EB3h 01	51 917...	...04	1 x TC-TEL 13	A	3.0
Inperla C2 HR 1TCT18...EB3h 01	51 920...	...04	1 x TC-TEL 18	A/B	2.9
Inperla C2 HR 1TCT26...EB3h 01	51 922...	...04	1 x TC-TEL 26	A	3.0
Inperla C2 HR 2TCT13...EB3h 01	51 926...	...04	2 x TC-TEL 13	A	2.9
Inperla C2 HR 2TCT18...EB3h 01	51 929...	...04	2 x TC-TEL 18	A/B	2.9
Inperla C2 HR 2TCT26...EB3h 01 <sup>1)</sup>	51 931...	...04	2 x TC-TEL 26	A	2.9
Silver-grey					
Inperla C2 HR 1TCT13...EB3h 03	51 811...	...04	1 x TC-TEL 13	A	3.0
Inperla C2 HR 1TCT18...EB3h 03	51 814...	...04	1 x TC-TEL 18	A/B	2.9
Inperla C2 HR 1TCT26...EB3h 03	51 817...	...04	1 x TC-TEL 26	A	3.0
Inperla C2 HR 2TCT13...EB3h 03	51 823...	...04	2 x TC-TEL 13	A	2.9
Inperla C2 HR 2TCT18...EB3h 03	51 826...	...04	2 x TC-TEL 18	A/B	2.9
Inperla C2 HR 2TCT26...EB3h 03 <sup>1)</sup>	51 829...	...04	2 x TC-TEL 26	A	2.9

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C


# INPERLA (LED)

Recessed downlights with small C2 construction, with highly specular reflector (HR), with switching relay for emergency light



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm

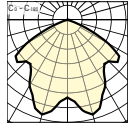
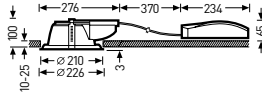


Reference	TOC	...E		EEC	≈kg
White					
• Inperla C2 HR 1TCT13...UR 01	51 918...	...04	1 x TC-TEL 13	A	2.4
Inperla C2 HR 1TCT18...UR 01	51 921...	...04	1 x TC-TEL 18	A/B	2.4
Inperla C2 HR 1TCT26...UR 01	51 923...	...04	1 x TC-TEL 26	A	2.4
Inperla C2 HR 2TCT13...UR 01	51 927...	...04	2 x TC-TEL 13	A	2.4
Inperla C2 HR 2TCT18...UR 01	51 930...	...04	2 x TC-TEL 18	A/B	2.4
Inperla C2 HR 2TCT26...UR 01 <sup>1)</sup>	51 932...	...04	2 x TC-TEL 26	A	2.4
Silver-grey					
Inperla C2 HR 1TCT13...UR 03	51 812...	...04	1 x TC-TEL 13	A	2.4
Inperla C2 HR 1TCT18...UR 03	51 815...	...04	1 x TC-TEL 18	A/B	2.4
Inperla C2 HR 1TCT26...UR 03	51 818...	...04	1 x TC-TEL 26	A	2.4
Inperla C2 HR 2TCT13...UR 03	51 824...	...04	2 x TC-TEL 13	A	2.4
Inperla C2 HR 2TCT18...UR 03	51 827...	...04	2 x TC-TEL 18	A/B	2.4
Inperla C2 HR 2TCT26...UR 03 <sup>1)</sup>	51 830...	...04	2 x TC-TEL 26	A	2.4

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

## Recessed downlights with small C2 construction, with semi-specular reflector (MR)



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm



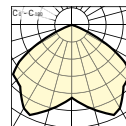
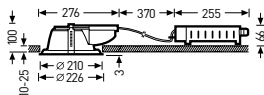
Reference	TOC	...EDD	...ED	...E		EEC	=kg
White							
• Inperla C2 MR 1TCT13...01	51 938...	-	-	...04	1 x TC-TEL 13	A	1.5
Inperla C2 MR 1TCT18...01	51 941...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 MR 1TCT26/32...01	51 946...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 MR 2TCT13...01	51 947...	-	-	...04	2 x TC-TEL 13	A	1.5
Inperla C2 MR 2TCT18...01	51 950...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 MR 2TCT26/32...01 <sup>1)</sup>	51 955...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6
Silver-grey							
Inperla C2 MR 1TCT13...03	51 840...	-	-	...04	1 x TC-TEL 13	A	1.5
Inperla C2 MR 1TCT18...03	51 843...	...07	...05	...04	1 x TC-TEL 18	A/B	1.5
Inperla C2 MR 1TCT26/32...03	51 846...	...07	...05	...04	1 x TC-TEL 26/32	A	1.5
Inperla C2 MR 2TCT13...03	51 852...	-	-	...04	2 x TC-TEL 13	A	1.5
Inperla C2 MR 2TCT18...03	51 855...	...07	...05	...04	2 x TC-TEL 18	A/B	1.5
Inperla C2 MR 2TCT26/32...03 <sup>1)</sup>	51 858...	...07	...05	...04	2 x TC-TEL 26/32	A	1.6

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C


# INPERLA (LED)

Recessed downlights with small C2 construction, with semi-specular reflector (MR), with emergency inverter



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm



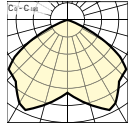
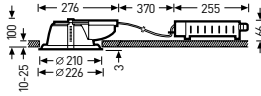
Reference	TOC	...E		EEC	≈kg
White					
• Inperla C2 MR 1TCT13...EB3h 01	51 939...	...04	1 x TC-TEL 13	A	3.0
Inperla C2 MR 1TCT18...EB3h 01	51 942...	...04	1 x TC-TEL 18	A/B	2.9
Inperla C2 MR 1TCT26...EB3h 01	51 944...	...04	1 x TC-TEL 26	A	3.0
Inperla C2 MR 2TCT13...EB3h 01	51 948...	...04	2 x TC-TEL 13	A	2.9
Inperla C2 MR 2TCT18...EB3h 01	51 951...	...04	2 x TC-TEL 18	A/B	2.9
Inperla C2 MR 2TCT26...EB3h 01 <sup>1)</sup>	51 953...	...04	2 x TC-TEL 26	A	2.9
Silver-grey					
Inperla C2 MR 1TCT13...EB3h 03	51 841...	...04	1 x TC-TEL 13	A	3.0
Inperla C2 MR 1TCT18...EB3h 03	51 844...	...04	1 x TC-TEL 18	A/B	2.9
Inperla C2 MR 1TCT26...EB3h 03	51 847...	...04	1 x TC-TEL 26	A	3.0
Inperla C2 MR 2TCT13...EB3h 03	51 853...	...04	2 x TC-TEL 13	A	2.9
Inperla C2 MR 2TCT18...EB3h 03	51 856...	...04	2 x TC-TEL 18	A/B	2.9
Inperla C2 MR 2TCT26...EB3h 03 <sup>1)</sup>	51 859...	...04	2 x TC-TEL 26	A	2.9

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

# INPERLA (LED)

Recessed downlights with small C2 construction, with semi-specular reflector (MR), with switching relay for emergency light



Cut-out opening  $\varnothing$  210 mm, recess depth 100 mm

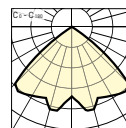
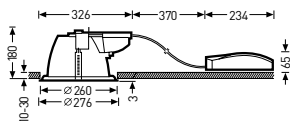


Reference	TOC	...E		EEC	=kg
White					
• Inperla C2 MR 1TCT13...UR 01	51 940...	...04	1 x TC-TEL 13	A	2.4
Inperla C2 MR 1TCT18...UR 01	51 943...	...04	1 x TC-TEL 18	A/B	2.4
Inperla C2 MR 1TCT26...UR 01	51 945...	...04	1 x TC-TEL 26	A	2.4
Inperla C2 MR 2TCT13...UR 01	51 949...	...04	2 x TC-TEL 13	A	2.4
Inperla C2 MR 2TCT18...UR 01	51 952...	...04	2 x TC-TEL 18	A/B	2.4
Inperla C2 MR 2TCT26...UR 01 <sup>1)</sup>	51 954...	...04	2 x TC-TEL 26	A	2.4
Silver-grey					
Inperla C2 MR 1TCT13...UR 03	51 842...	...04	1 x TC-TEL 13	A	2.4
Inperla C2 MR 1TCT18...UR 03	51 845...	...04	1 x TC-TEL 18	A/B	2.4
Inperla C2 MR 1TCT26...UR 03	51 848...	...04	1 x TC-TEL 26	A	2.4
Inperla C2 MR 2TCT13...UR 03	51 854...	...04	2 x TC-TEL 13	A	2.4
Inperla C2 MR 2TCT18...UR 03	51 857...	...04	2 x TC-TEL 18	A/B	2.4
Inperla C2 MR 2TCT26...UR 03 <sup>1)</sup>	51 860...	...04	2 x TC-TEL 26	A	2.4

<sup>1)</sup> Inperla C2 with wattage of  $\geq 2 \times 26$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

## Recessed downlights with large C3 construction, with faceted reflector (BR)



Cut-out opening  $\varnothing$  260 mm, recess depth 180 mm

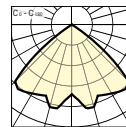
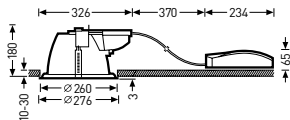


Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Inperla C3 BR 1TCT26/32/42...01	51 956...	...07	...05	...04	1 x TC-TEL 26/32/42	A	1.9
Inperla C3 BR 2TCT26/32/42...01	51 957...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.1
Silver-grey							
Inperla C3 BR 1TCT26/32/42...03	51 864...	...07	...05	...04	1 x TC-TEL 26/32/42	A	1.9
Inperla C3 BR 2TCT26/32/42...03 <sup>1)</sup>	51 865...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.1

<sup>1)</sup>Inperla C3 with wattage of  $\geq 2 \times 32$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

## Recessed downlights with large C3 construction, with highly specular reflector (HR)



Cut-out opening  $\varnothing$  260 mm, recess depth 180 mm

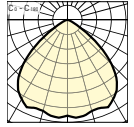
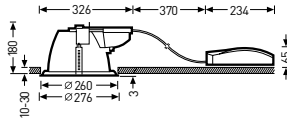


Reference	TOC	...EDD	...ED	...E		EEC	≈kg
White							
• Inperla C3 HR 1TCT26/32/42...01	51 958...	...07	...05	...04	1 x TC-TEL 26/32/42	A	1.9
Inperla C3 HR 2TCT26/32/42...01 <sup>1)</sup>	51 959...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.1
Silver-grey							
Inperla C3 HR 1TCT26/32/42...03	51 866...	...07	...05	...04	1 x TC-TEL 26/32/42	A	1.9
Inperla C3 HR 2TCT26/32/42...03 <sup>1)</sup>	51 867...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.1

<sup>1)</sup>Inperla C3 with wattage of  $\geq 2 \times 32$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

## Recessed downlights with large C3 construction, with semi-specular reflector (MR)



Cut-out opening  $\varnothing$  260 mm, recess depth 180 mm



Reference	TOC	...EDD	...ED	...E		EEC	=kg
White							
• Inperla C3 MR 1TCT26/32/42...01	51 960...	...07	...05	...04	1 x TC-TEL 26/32/42	A	1.9
Inperla C3 MR 2TCT26/32/42...01	51 961...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.1
Silver-grey							
Inperla C3 MR 1TCT26/32/42...03	51 868...	...07	...05	...04	1 x TC-TEL 26/32/42	A	1.9
Inperla C3 MR 2TCT26/32/42...03 <sup>1)</sup>	51 869...	...07	...05	...04	2 x TC-TEL 26/32/42	A	2.1

<sup>1)</sup>Inperla C3 with wattage of  $\geq 2 \times 32$  W must not be operated with amalgam lamps

• IK02/0.2 J 850 °C

### Decorative rings, plastic, convex



Reference	TOC	Accessory description	=kg
Inperla C2 RG-PC	51 626 00	Decorative ring, convex, opal	0.3
Inperla C2 RG-PC blue	52 036 00	Decorative ring, convex, blue	0.3
Inperla C2 RG-PC green	52 038 00	Decorative ring, convex, green	0.3
Inperla C2 RG-PC red	52 039 00	Decorative ring, convex, red	0.3
Inperla C2 RG-PC yellow	52 037 00	Decorative ring, convex, yellow	0.3

### Decorative rings, plastic



Reference	TOC	Accessory description	=kg
Inperla C2 RI-PC 01	51 996 00	Decorative ring, opal, white	0.6
Inperla C2 RI-PC 03	52 016 00	Decorative ring, opal, silver-grey	0.6
Inperla C2 RI-PC blue 01	52 029 00	Decorative ring, blue, white	0.6
Inperla C2 RI-PC blue 03	52 017 00	Decorative ring, blue, silver-grey	0.6
Inperla C2 RI-PC green 01	52 031 00	Decorative ring, green, white	0.6
Inperla C2 RI-PC green 03	52 034 00	Decorative ring, green, silver-grey	0.6
Inperla C2 RI-PC red 01	52 032 00	Decorative ring, red, white	0.6
Inperla C2 RI-PC red 03	52 035 00	Decorative ring, red, silver-grey	0.6
Inperla C2 RI-PC yellow 01	52 030 00	Decorative ring, yellow, white	0.6
Inperla C2 RI-PC yellow 03	52 033 00	Decorative ring, yellow, silver-grey	0.6

## Decorative rings, die-cast



Reference	TOC	Accessory description	≈kg
<b>Inperla C2 DD 01</b>	51 994 00	Decorative ring, white, die-cast	0.6
<b>Inperla C2 DD 03</b>	51 995 00	Decorative ring, silver-grey, die-cast	0.6
<b>Inperla C3 DD 01</b>	52 003 00	Decorative ring, white, die-cast, for Inperla C3	0.9
<b>Inperla C3 DD 03</b>	52 004 00	Decorative ring, silver-grey, die-cast, for Inperla C3	0.8

## Decorative rings, float glass



Reference	TOC	Accessory description	≈kg
<b>Inperla C2 DR-M</b>	51 978 00	Decorative ring of float glass, frosted	1.3
<b>Inperla C2 DR-TM</b>	51 979 00	Decorative ring of float glass, partly frosted	0.9
<b>Inperla C3 DR-M</b>	51 982 00	Decorative ring of float glass, frosted, for Inperla C3	1.3
<b>Inperla C3 DR-TM</b>	51 983 00	Decorative ring of float glass, partly frosted, for Inperla C3	1.3

## Decorative covers



Reference	TOC	Accessory description	≈kg
<b>Inperla C2 AG-PC 01</b>	51 986 00	Decorative cover, convex, white, for protection rating IP54 only in combination with Inperla	0.7
<b>Inperla C2 AG-PC 03</b>	52 005 00	Decorative cover, convex, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
<b>Inperla C2 AZ-PC 01</b>	52 006 00	Decorative cover, cylindrical, white, for protection rating IP54 only in combination with Inperla	0.7
<b>Inperla C2 AZ-PC 03</b>	51 987 00	Decorative cover, cylindrical, silver-grey, for protection rating IP54 only in combination with Inperla	0.7



## Decorative covers (IP54), glass



Reference	TOC	Accessory description	=kg
Inperla C2 DA 01	51 988 00	Decorative cover, clear, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA 03	51 989 00	Decorative cover, clear, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-M 01	51 990 00	Decorative cover, frosted, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-M 03	51 991 00	Decorative cover, frosted, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-TM 01	51 992 00	Decorative cover, partly frosted, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-TM 03	51 993 00	Decorative cover, partly frosted, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
Inperla C3 DA 01	51 997 00	Decorative cover, clear, white, for protection rating IP54 on room side, for Inperla C3	1.1
Inperla C3 DA 03	51 998 00	Decorative cover, clear, silver-grey, for protection rating IP54 on room side, for Inperla C3	1.1
Inperla C3 DA-M 01	51 999 00	Decorative cover, frosted, white, for protection rating IP54 on room side, for Inperla C3	1.1
Inperla C3 DA-M 03	52 000 00	Decorative cover, frosted, silver-grey, for protection rating IP54 on room side, for Inperla C3	1.1
Inperla C3 DA-TM 01	52 001 00	Decorative cover, frosted, white, for protection rating IP54 on room side, for Inperla C3	1.1
Inperla C3 DA-TM 03	52 002 00	Decorative cover, partly frosted, silver-grey, for protection rating IP54 on room side, for Inperla C3	1.1

## Decorative discs, float glass



Reference	TOC	Accessory description	=kg
Inperla C2 DS-M	51 980 00	Decorative disc, frosted	1.1
Inperla C2 DS-TM	51 981 00	Decorative disc, partly-frosted	1.1
Inperla C3 DS-M	51 984 00	Decorative disc, frosted, for Inperla C3	1.8
Inperla C3 DS-TM	51 985 00	Decorative disk, partly-frosted, for Inperla C3	1.8

## Decorative elements, plastic, opal



Reference	TOC	Accessory description	≈kg
Inperla C2 RK-PC	52 018 00	Decorative cone ring	0.3
Inperla C2 ZH-PC	51 625 00	Decorative cylinder, high	0.3
Inperla C2 ZN-PC	51 624 00	Decorative cylinder, low	0.3

## Cross-blade louvres



Reference	TOC	Accessory description	≈kg
Inperla C2 RA-HR <sup>1)</sup>	52 014 00	Cross-blade louvre, highly specular	0.2
Inperla C2 RA-MR <sup>1)</sup>	52 015 00	Cross-blade louvre, semi-specular	0.2
Inperla C3 RA-HR	52 025 00	Cross-blade louvre, highly specular, for Inperla C3	0.3
Inperla C3 RA-MR	52 026 00	Cross-blade louvre, semi-specular, for Inperla C3	0.3

<sup>1)</sup> Cannot be used with Inperla C2--CAT2--, Inperla C2 HR-Ag..., Inperla C2--LED-- and Onperla C2--LED--

## Radial louvres



Reference	TOC	Accessory description	≈kg
Inperla C3 RAR-HR	53 098 00	Radial specular louvre, highly specular, for Inperla C3	0.3

## Wallwasher optics



Reference	TOC	Accessory description	≈kg
Inperla C2 WW-HR <sup>1) 2)</sup>	52 019 00	Wallwasher optic, highly specular	0.1
Inperla C2 WW-MR <sup>1) 2)</sup>	52 020 00	Wallwasher optic, semi-specular	0.1
Inperla C3 WW-HR <sup>1)</sup>	52 027 00	Wallwasher optic, highly specular, for Inperla C3	0.2
Inperla C3 WW-MR <sup>1)</sup>	52 028 00	Wallwasher optic, semi-specular, for Inperla C3	0.2

<sup>1)</sup> Only suitable for 1-lamp versions

<sup>2)</sup> Cannot be used with Inperla C2--CAT2--, Inperla C2 HR-Ag... and Inperla C2--LED--

## Recessing cassettes for panel ceilings



Reference	TOC	Accessory description	≈kg
Inperla C2 MP 300	52 011 00	Recessing cassette for panel ceilings, module 100, for Inperla C3	1.9
Inperla C3 MP 400	52 040 00	Recessing cassette for panel ceilings, module 100, for Inperla C3	2.5

## Concrete casting boxes, plastic



Reference	TOC	Accessory description	=kg
Inperla C2 BEN	60 143 00	Concrete casting box, plastic, for recessing Inperla C2 downlights with control gear box	4.4

## Concrete casting boxes



Reference	TOC	Accessory description	=kg
Inperla C2 BE CAT2	52 008 00	Concrete casting box, for CAT2 reflectors and Inperla LED	3.8
Inperla C3 BE	52 021 00	Concrete casting box	4.3

## Mounting plates



Reference	TOC	Accessory description	=kg
Inperla C2 MP 600	52 012 00	Mounting plate, for reinforcing of ceiling plates, module 600	2.2
Inperla C2 MP 625	52 013 00	Mounting plate, for reinforcing of ceiling plates, module 625	2.3
Inperla C3 MP 600	52 023 00	Mounting plate, for reinforcing of ceiling plates, module 600	2.0
Inperla C3 MP 625	52 024 00	Mounting plate, for reinforcing of ceiling plates, module 625	2.1

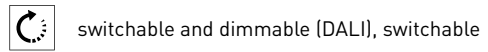
## ONPERLA (LED)

ROUND SURFACE-MOUNTED  
DOWNLIGHTS



## TIMELESS AND CONSISTENT

- The surface-mounted downlight is always contemporary with its join-free design and clear, concise language of form.
- The modularly designed decorative accessories (identical to Inperla) enable highly diverse applications.
- High efficiency and almost no maintenance costs double the savings potential for the LED version.

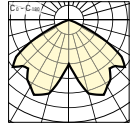
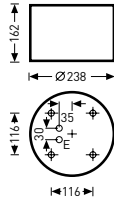


Various attachments

Timeless, purist design



## Surface-mounted downlights with faceted reflector (BR)



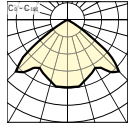
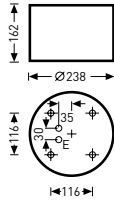
Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Onperla D2 BR 1TCT13...01	59 135...	-	...04	1 x TC-TEL 13	A	1.9
Onperla D2 BR 1TCT18...01	59 136...	...07	...04	1 x TC-TEL 18	A/B	1.9
Onperla D2 BR 1TCT26/32...01	59 137...	...07	...04	1 x TC-TEL 26/32	A	1.9
Onperla D2 BR 2TCT13...01	59 138...	-	...04	2 x TC-TEL 13	A	1.9
Onperla D2 BR 2TCT18...01	59 139...	...07	...04	2 x TC-TEL 18	A/B	1.9
Housing black, cover ring silver-grey						
Onperla D2 BR 1TCT13...I2	59 169...	-	...04	1 x TC-TEL 13	A	1.9
Onperla D2 BR 1TCT18...I2	59 170...	...07	...04	1 x TC-TEL 18	A/B	1.9
Onperla D2 BR 1TCT26/32...I2	59 171...	...07	...04	1 x TC-TEL 26/32	A	1.9
Onperla D2 BR 2TCT13...I2	59 172...	-	...04	2 x TC-TEL 13	A	1.9
Onperla D2 BR 2TCT18...I2	59 173...	...07	...04	2 x TC-TEL 18	A/B	1.9

• IK02/0.2 J 850 °C

## Surface-mounted downlights with highly specular reflector (HR)



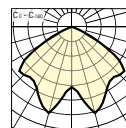
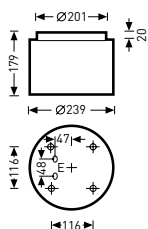
Onperla D2 HR...01 + Inperla C2 DD 01



Reference	TOC	...ETDD	...ET	...EDD	...E		EEC	W	=kg
White									
• Onperla D2 G2 HR LED 1100-830...01	65 240...	...51	...40	-	-	1000 lm	A++/A+/A	13	3.0
Onperla D2 G2 HR LED 1100-840...01	65 238...	...51	...40	-	-	1000 lm	A++/A+/A	13	3.0
Onperla D2 G2 HR LED 2000-830...01	65 244...	...51	...40	-	-	1900 lm	A++/A+/A	24	3.0
Onperla D2 G2 HR LED 2000-840...01	65 242...	...51	...40	-	-	1900 lm	A++/A+/A	22	3.0
Onperla D2 HR 1TCT13...01	59 141...	-	-	-	...04	1 x TC-TEL 13	A		1.9
Onperla D2 HR 1TCT18...01	59 142...	-	-	...07	...04	1 x TC-TEL 18	A/B		1.9
Onperla D2 HR 1TCT26/32...01	59 144...	-	-	...07	...04	1 x TC-TEL 26/32	A		1.9
Onperla D2 HR 2TCT13...01	59 146...	-	-	-	...04	2 x TC-TEL 13	A		1.9
Onperla D2 HR 2TCT18...01	59 147...	-	-	...07	...04	2 x TC-TEL 18	A/B		1.9
Housing black, cover ring silver-grey									
Onperla D2 G2 HR LED 1100-830...I2	65 241...	...51	...40	-	-	1000 lm	A++/A+/A	13	3.0
Onperla D2 G2 HR LED 1100-840...I2	65 239...	...51	...40	-	-	1000 lm	A++/A+/A	13	3.0
Onperla D2 G2 HR LED 2000-830...I2	65 245...	...51	...40	-	-	1900 lm	A++/A+/A	24	3.0
Onperla D2 G2 HR LED 2000-840...I2	65 243...	...51	...40	-	-	1900 lm	A++/A+/A	22	3.0
Onperla D2 HR 1TCT13...I2	59 174...	-	-	-	...04	1 x TC-TEL 13	A		1.9
Onperla D2 HR 1TCT18...I2	59 175...	-	-	...07	...04	1 x TC-TEL 18	A/B		1.9
Onperla D2 HR 1TCT26/32...I2	59 177...	-	-	...07	...04	1 x TC-TEL 26/32	A		1.9
Onperla D2 HR 2TCT13...I2	59 179...	-	-	-	...04	2 x TC-TEL 13	A		1.9
Onperla D2 HR 2TCT18...I2	59 180...	-	-	...07	...04	2 x TC-TEL 18	A/B		1.9

• IK02/0.2 J 850 °C

## Surface-mounted downlights for increased protection ratings



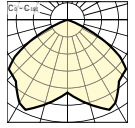
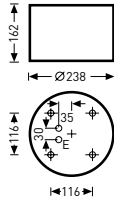
Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Onperla D2 HR IP 1TCT18...01	59 150...	...07	...04	1 x TC-TEL 18	A/B	2.0
Onperla D2 HR IP 1TCT26/32...01	59 151...	...07	...04	1 x TC-TEL 26/32	A	2.0
Onperla D2 HR IP 2TCT18...01	59 305...	...07	...04	2 x TC-TEL 18	A/B	2.0
Housing black, cover ring silver-grey						
Onperla D2 HR IP 1TCT18...I2	59 182...	...07	...04	1 x TC-TEL 18	A/B	2.0
Onperla D2 HR IP 1TCT26/32...I2	59 183...	...07	...04	1 x TC-TEL 26/32	A	2.0
Onperla D2 HR IP 2TCT18...I2	59 184...	...07	...04	2 x TC-TEL 18	A/B	2.0

<sup>1)</sup>IP54 in combination with closed covers

• IK02/0.2 J 850 °C



## Surface-mounted downlights with semi-specular reflector (MR)



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Onperla D2 MR 1TCT13...01	59 307...	-	...04	1 x TC-TEL 13	A	1.9
Onperla D2 MR 1TCT18...01	59 308...	...07	...04	1 x TC-TEL 18	A/B	1.9
Onperla D2 MR 1TCT26/32...01	59 309...	...07	...04	1 x TC-TEL 26/32	A	1.9
Onperla D2 MR 2TCT13...01	59 310...	-	...04	2 x TC-TEL 13	A	2.0
Onperla D2 MR 2TCT18...01	59 311...	...07	...04	2 x TC-TEL 18	A/B	2.0
Housing black, cover ring silver-grey						
Onperla D2 MR 1TCT13...I2	59 185...	-	...04	1 x TC-TEL 13	A	1.9
Onperla D2 MR 1TCT18...I2	59 186...	...07	...04	1 x TC-TEL 18	A/B	1.9
Onperla D2 MR 1TCT26/32...I2	59 187...	...07	...04	1 x TC-TEL 26/32	A	1.9
Onperla D2 MR 2TCT13...I2	59 188...	-	...04	2 x TC-TEL 13	A	2.0
Onperla D2 MR 2TCT18...I2	59 189...	...07	...04	2 x TC-TEL 18	A/B	2.0

• IK02/0.2 J 850 °C

## Decorative rings, plastic, convex



Reference	TOC	Accessory description	=kg
Inperla C2 RG-PC	51 626 00	Decorative ring, convex, opal	0.3
Inperla C2 RG-PC blue	52 036 00	Decorative ring, convex, blue	0.3
Inperla C2 RG-PC green	52 038 00	Decorative ring, convex, green	0.3
Inperla C2 RG-PC red	52 039 00	Decorative ring, convex, red	0.3
Inperla C2 RG-PC yellow	52 037 00	Decorative ring, convex, yellow	0.3

## Decorative rings, plastic



Reference	TOC	Accessory description	≈kg
Inperla C2 RI-PC 01	51 996 00	Decorative ring, opal, white	0.6
Inperla C2 RI-PC 03	52 016 00	Decorative ring, opal, silver-grey	0.6
Inperla C2 RI-PC blue 01	52 029 00	Decorative ring, blue, white	0.6
Inperla C2 RI-PC blue 03	52 017 00	Decorative ring, blue, silver-grey	0.6
Inperla C2 RI-PC green 01	52 031 00	Decorative ring, green, white	0.6
Inperla C2 RI-PC green 03	52 034 00	Decorative ring, green, silver-grey	0.6
Inperla C2 RI-PC red 01	52 032 00	Decorative ring, red, white	0.6
Inperla C2 RI-PC red 03	52 035 00	Decorative ring, red, silver-grey	0.6
Inperla C2 RI-PC yellow 01	52 030 00	Decorative ring, yellow, white	0.6
Inperla C2 RI-PC yellow 03	52 033 00	Decorative ring, yellow, silver-grey	0.6

## Decorative rings, die-cast



Reference	TOC	Accessory description	≈kg
Inperla C2 DD 01	51 994 00	Decorative ring, white, die-cast	0.6
Inperla C2 DD 03	51 995 00	Decorative ring, silver-grey, die-cast	0.6

## Decorative rings, float glass



Reference	TOC	Accessory description	≈kg
Inperla C2 DR-M	51 978 00	Decorative ring of float glass, frosted	1.3
Inperla C2 DR-TM	51 979 00	Decorative ring of float glass, partly frosted	0.9

## Decorative covers



Reference	TOC	Accessory description	≈kg
Inperla C2 AG-PC 01	51 986 00	Decorative cover, convex, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 AG-PC 03	52 005 00	Decorative cover, convex, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 AZ-PC 01	52 006 00	Decorative cover, cylindrical, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 AZ-PC 03	51 987 00	Decorative cover, cylindrical, silver-grey, for protection rating IP54 only in combination with Inperla	0.7

## Decorative covers (IP54), glass



Reference	TOC	Accessory description	=kg
Inperla C2 DA 01	51 988 00	Decorative cover, clear, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA 03	51 989 00	Decorative cover, clear, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-M 01	51 990 00	Decorative cover, frosted, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-M 03	51 991 00	Decorative cover, frosted, silver-grey, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-TM 01	51 992 00	Decorative cover, partly frosted, white, for protection rating IP54 only in combination with Inperla	0.7
Inperla C2 DA-TM 03	51 993 00	Decorative cover, partly frosted, silver-grey, for protection rating IP54 only in combination with Inperla	0.7

## Decorative discs, float glass



Reference	TOC	Accessory description	=kg
Inperla C2 DS-M	51 980 00	Decorative disc, frosted	1.1
Inperla C2 DS-TM	51 981 00	Decorative disc, partly-frosted	1.1

## Decorative elements, plastic, opal



Reference	TOC	Accessory description	=kg
Inperla C2 RK-PC	52 018 00	Decorative cone ring	0.3
Inperla C2 ZH-PC	51 625 00	Decorative cylinder, high	0.3
Inperla C2 ZN-PC	51 624 00	Decorative cylinder, low	0.3

## Cross-blade louvres



Reference <sup>1)</sup>	TOC	Accessory description	=kg
Inperla C2 RA-HR	52 014 00	Cross-blade louver, highly specular	0.2
Inperla C2 RA-MR	52 015 00	Cross-blade louver, semi-specular	0.2

<sup>1)</sup>Cannot be used with Inperla C2...CAT2..., Inperla C2 HR-Ag..., Inperla C2...LED... and Onperla C2...LED...

**Wire adapter for Onperla ---LED-RGB--- and Onperla---IP---**

Reference <sup>1)</sup>	TOC	Accessory description	≈kg
<b>Onperla ZSAP</b>	59 429 00	Wire adapter for Onperla ---LED-RGB--- and Onperla---IP---	0.7

<sup>1)</sup>Is required additionally to Onperla ZS... accessory

**Wire suspensions and mains cables**

Reference	TOC	Accessory description	≈kg
<b>Onperla ZS 3075/2000 01</b>	59 313 00	Wire suspension, 3-point, length 2000 mm incl. mains cable, with 3-core wiring	0.3
<b>Onperla ZS 3075/3000 01</b>	59 314 00	Wire suspension, 3-point, length 3000 mm incl. mains cable, with 3-core wiring	0.3
<b>Onperla ZS 5075/2000 01</b>	59 315 00	Wire suspension, 3-point, length 2000 mm incl. mains cable, with 5-core wiring	0.3
<b>Onperla ZS 5075/3000 01</b>	59 316 00	Wire suspension, 3-point, length 3000 mm incl. mains cable, with 5-core wiring	0.4



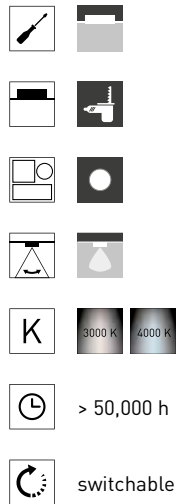


QUIRA LED

RECESSED DIRECTIONAL  
SPOTS

## THE LUMINAIRE WITH DISCRETION

- Small, compact and extremely high performance with 3000 lm for a wide application spectrum, ranging from general lighting to the targeted display of goods.
- Various light colours from 2700 to 4000 Kelvin for ideal retail atmospheres.
- Interchangeable flood, medium flood and spot reflectors enable continuously new light scenes.
- Further versions on request.



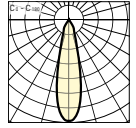
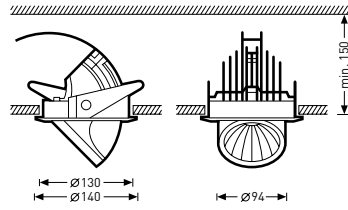
Pivoted outwards at 70°  
for high decorative effects




Ceiling-flush,  
pivoted inwards at 15°



## LED recessed directional spot



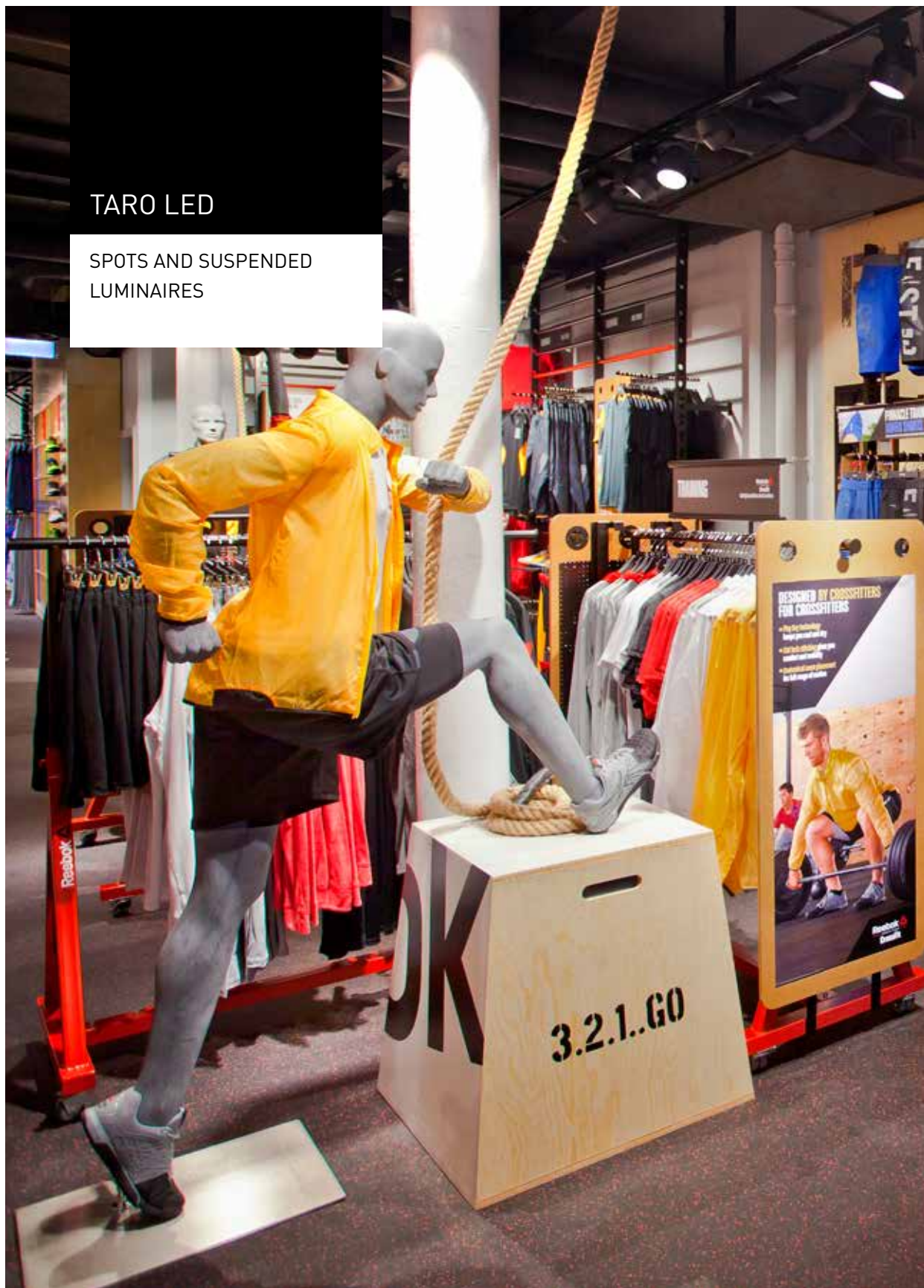
Reference	TOC	Incl. transformer		EEC	W	≈kg
Quira SRS-MF LED 3000-830 A31...01	63 871...	...50	2525 lm	A++/A+/A	31	0.8
Quira SRS-MF LED 3000-840 A33...01	63 872...	...50	2675 lm	A++/A+/A	31	0.8





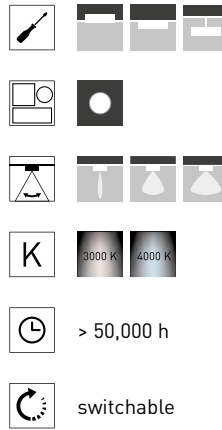
## TARO LED

SPOTS AND SUSPENDED  
LUMINAIRES



## ONE DESIGN LINE, UNLIMITED OPTIONS

- Surface-mounted directional spot, recessed directional spot and suspended luminaire in two construction sizes and five versions for limitless applications.
- Bi-colour luminaire design with range-typical elements for harmonious store design with a high recognition factor.
- Various luminous flux packages, beam characteristics and light colours for all retail areas.
- Further versions on request.



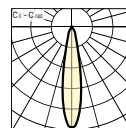
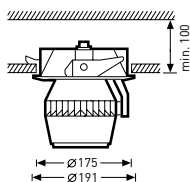
TARO suspended luminaire




TARO MINI surface-mounted directional spot

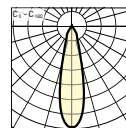
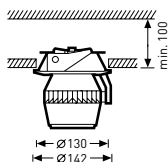



## LED recessed directional spot



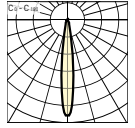
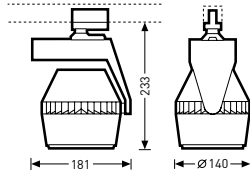
Reference	TOC	Incl. transformer		EEC	W	≈kg
Medium-Flood						
TaroEB SRS-MF LED 3000-830 A35...01	63 867...	...50	2970 lm	A++/A+/A	28	1.2
TaroEB SRS-MF LED 3000-840 A37...01	63 868...	...50	3145 lm	A++/A+/A	28	1.2

## LED recessed directional spot with compact construction size



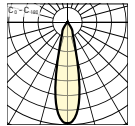
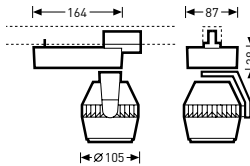
Reference	TOC	Incl. transformer		EEC	W	≈kg
Medium-Flood						
TaroMiniEB SRS-MF LED 3000-830 A31...01	63 869...	...50	2935 lm	A++/A+/A	28	1.2
TaroMiniEB SRS-MF LED 3000-840 A33...01	63 870...	...50	3110 lm	A++/A+/A	28	1.2

## LED surface-mounted directional spot for tracks



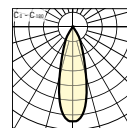
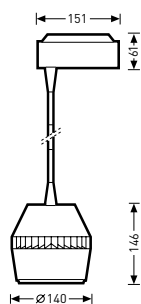
Reference	TOC	...ET		EEC	W	=kg
Spot						
Taro 3P SRS-SP LED 4000-840 A41 01	63 852...	...40	3835 lm	A++/A+/A	35	1.9
Taro 3P SRS-SP LED 4000-830 A39 01	63 851...	...40	3645 lm	A++/A+/A	35	1.9
Medium-Flood						
Taro 3P SRS-MF LED 3000-830 A35 01	63 849...	...40	2815 lm	A++/A+/A	28	1.9
Taro 3P SRS-MF LED 3000-840 A37 01	63 850...	...40	3125 lm	A++/A+/A	28	1.9
Taro 3P SRS-MF LED 4000-830 A39 01	63 854...	...40	3645 lm	A++/A+/A	35	1.9
Taro 3P SRS-MF LED 4000-840 A41 01	63 853...	...40	3835 lm	A++/A+/A	35	1.9

## LED surface-mounted directional spot for tracks with compact construction size



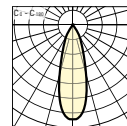
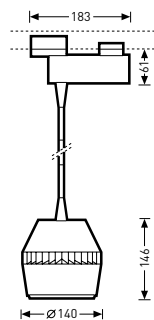
Reference	TOC	...ET		EEC	W	=kg
Medium-Flood						
TaroMini 3P SRS-MF LED 3000-830 A31 01	63 855...	...40	2510 lm	A++/A+/A	31	1.0
TaroMini 3P SRS-MF LED 3000-840 A33 01	63 856...	...40	2660 lm	A++/A+/A	31	1.0

## LED suspended luminaire



Reference	TOC	...ET		EEC	W	≈kg
Flood						
TaroPL H9 FL LED 3000-830 A35 L1.5 01	63 889...	...40	2970 lm	A++/A+/A	28	2.1
TaroPL H9 FL LED 3000-840 A37 L1.5 01	63 890...	...40	3145 lm	A++/A+/A	28	2.1

## LED suspended luminaire for tracks



Reference	TOC	...ET		EEC	W	≈kg
Flood						
TaroPL 3PH9 FL LED 3000-830 A35 L1.5 01	63 887...	...40	2970 lm	A++/A+/A	28	2.1
TaroPL 3PH9 FL LED 3000-840 A37 L1.5 01	63 888...	...40	3145 lm	A++/A+/A	28	2.1



STRATUS VARIO 175 LED

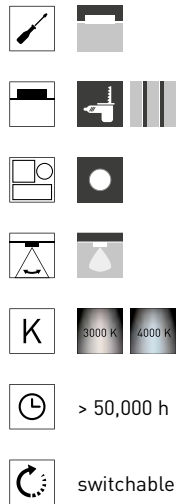
RECESSED DIRECTIONAL SPOTS





## ALL-ROUNDERS WITH A CLASSIC DESIGN

- The functional-classic design blends harmoniously into any shop concept.
- The luminaire head can be rotated through 355° and pivoted via steps to 50° to specifically highlight goods up to the ceiling edge.
- Three different beam angles, different light colours and luminous flux packages to 5000 lm mean perfect light at all times.
- Further versions on request.



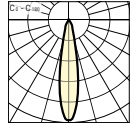
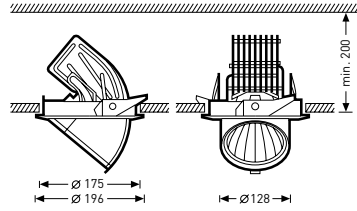
Pivotable in steps  
for precise alignment




Segmented reflector  
for maximum efficiency



## LED recessed directional spot



Reference	TOC	Incl. transformer		EEC	W	≈kg
StrV175 SRS-MF LED 3000-830 A35...01	63 873...	...50	2975 lm	A++/A+/A	28	1.3
StrV175 SRS-MF LED 3000-840 A37...01	63 874...	...50	3150 lm	A++/A+/A	28	1.3
StrV175 SRS-MF LED 4000-830 A39...01	63 875...	...50	3625 lm	A++/A+/A	35	1.3
StrV175 SRS-MF LED 4000-840 A41...01	63 876...	...50	3820 lm	A++/A+/A	35	1.3



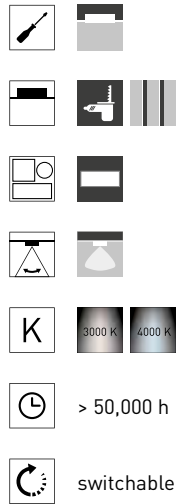
# NIMBUS VARIO PLUS LED

RECESSED WALLWASHERS



## FLEXIBLE WALLWASHER FOR UNIFORM GOODS ILLUMINATION

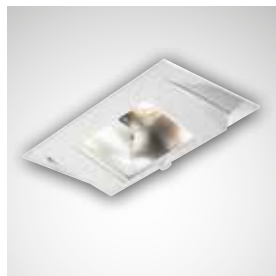
- Efficiency for the target surface: high lumen yield with uniform light distribution.
- Luminaire head can be swivelled flexibly across nine lockable steps up to a 45° angle for ceiling-flush light output without shadow edges – ideal for all ceiling heights and goods displays.
- Various light colours and luminous flux packages from 2000 to 4000 lm fulfil diverse retail lighting requirements.
- Further versions on request.



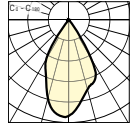
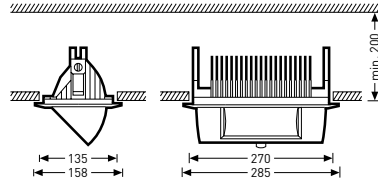
Nine lockable steps  
for precise alignment




Diffuser reflector  
for uniform light distribution



## LED recessed wallwashers for wide-area lighting



IP20

Reference	TOC	Incl. transformer		EEC	W	≈kg
NimbusVP HRS-WW LED 3000-830 A35...01	63 877...	...50	2730 lm	A++/A+/A	28	1.8
NimbusVP HRS-WW LED 3000-840 A37...01	63 878...	...50	2930 lm	A++/A+/A	28	1.8
NimbusVP HRS-WW LED 4000-830 A39...01	63 879...	...50	3490 lm	A++/A+/A	35	1.8
NimbusVP HRS-WW LED 4000-840 A41...01	63 880...	...50	3690 lm	A++/A+/A	35	1.8



## QUAD LED

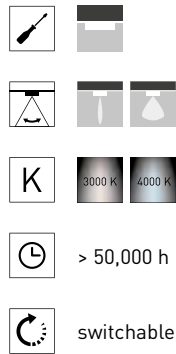
SURFACE-MOUNTED  
DIRECTIONAL SPOTS





## HIGH EFFICIENCY WITH COMPACT DIMENSIONS

- Slender design with translucent ceramic heat sink for striking, modern accents.
- Especially high-performance, innovative collimating optics for maximum light output with 4000 lm in a very compact design.
- Adjustable beam angle, either 12° narrow distribution or 24° diffuse distribution, with diffuser disc replaced without tools.
- Further versions on request.

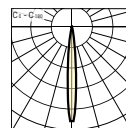
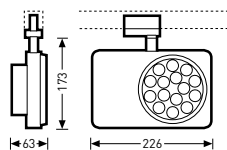


QUAD recessed directional spot

QUAD.T00 surface-mounted directional spot



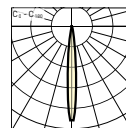
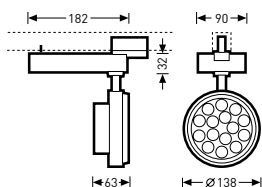
## LED surface-mounted directional spot for tracks



⊕ CE IP20

Reference	TOC	...ET	☀	EEC	W	≈kg
Quad 3P SL12 LED 3600-830 S0/S0	63 841...	...40	3200 lm	A++/A+/A	44	1.6
Quad 3P SL12 LED 3600-840 S0/S0	63 843...	...40	3200 lm	A++/A+/A	44	1.6
Quad 3P SL24 LED 3600-830 S0/S0	63 842...	...40	3200 lm	A++/A+/A	44	1.6
Quad 3P SL24 LED 3600-840 S0/S0	63 844...	...40	3200 lm	A++/A+/A	44	1.6

## LED surface-mounted directional spot for tracks



⊕ CE IP20

Reference	TOC	...ET	☀	EEC	W	≈kg
Quad. too 3P SL12 LED 3600-830 01/01	63 845...	...40	3200 lm	A++/A+/A	44	1.6
Quad. too 3P SL12 LED 3600-840 01/01	63 847...	...40	3200 lm	A++/A+/A	44	1.6
Quad. too 3P SL24 LED 3600-830 01/01	63 846...	...40	3200 lm	A++/A+/A	44	1.6
Quad. too 3P SL24 LED 3600-840 01/01	63 848...	...40	3200 lm	A++/A+/A	44	1.6



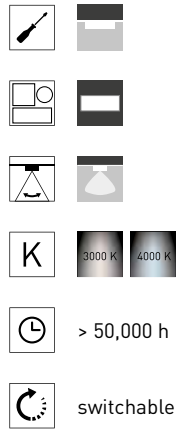
## GRADO LED

SURFACE-MOUNTED  
DIRECTIONAL SPOTS



## PRECISE LIGHT CONE WITHOUT STRAY LIGHT

- GRADO illuminates target areas of 3 x 1 metres with up to 700 lux, without light spill and with optimum glare reduction.
- 20° upwards pivoting angle for the illumination of especially high display panels.
- Also for low ceiling heights due to flat construction design.
- Further versions on request.



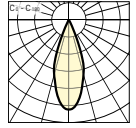
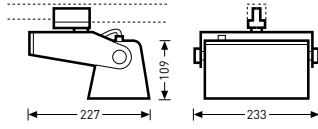
Diffuser reflector  
for precise light cone




Flat construction  
with technical design



## LED surface-mounted directional spot for tracks



⊕ CE IP20

Reference	TOC	...ET		EEC	W	≈kg
Grado 3P HRS-ZM LED 4000-830 A39 01	63 857...	...40	3585 lm	A++/A+/A	35	3.5
Grado 3P HRS-ZM LED 4000-840 A41 01	63 858...	...40	3780 lm	A++/A+/A	35	3.5



B.LEE LED

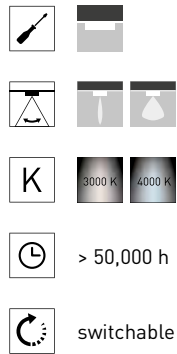
SURFACE-MOUNTED  
DIRECTIONAL SPOTS





## PURE FUNCTIONALITY

- Whether discreet or prevalent: Optimised heat dissipation defines the design and optional decorative rings make the B.LEE a special eye-catcher.
- Various light colours, beam characteristics and luminous flux packages are available.
- The B.LEE MINI is ideal wherever less light emission is needed and less space is available.
- Further versions on request.



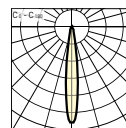
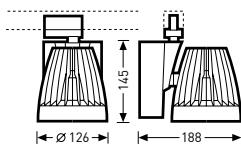
Black with chrome decorative ring



White with white decorative ring



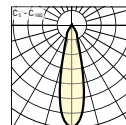
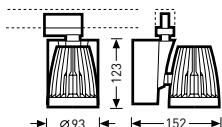
## LED surface-mounted directional spot for tracks



CE IP20

Reference	TOC	...ET		EEC	W	≈kg
Spot						
<b>B.Lee 3P SRS-SP LED 4000-830 A39 01</b>	63 861...	...40	3630 lm	A++/A+/A	35	1.7
<b>B.Lee 3P SRS-SP LED 4000-840 A41 01</b>	63 863...	...40	3825 lm	A++/A+/A	35	1.7
Medium-Flood						
<b>B.Lee 3P SRS-MF LED 3000-830 A35 01</b>	63 859...	...40	2945 lm	A++/A+/A	28	1.7
<b>B.Lee 3P SRS-MF LED 3000-840 A37 01</b>	63 860...	...40	3115 lm	A++/A+/A	28	1.7
<b>B.Lee 3P SRS-MF LED 4000-830 A39 01</b>	63 862...	...40	3630 lm	A++/A+/A	35	1.7
<b>B.Lee 3P SRS-MF LED 4000-840 A41 01</b>	63 864...	...40	3825 lm	A++/A+/A	35	1.7

## LED surface-mounted directional spot for tracks with compact construction size



CE IP20

Reference	TOC	...ET		EEC	W	≈kg
Medium-Flood						
<b>B.LeeMini 3P SRS-MF LED 3000-830 A31 01</b>	63 865...	...40	2550 lm	A++/A+/A	31	1.2
<b>B.LeeMini 3P SRS-MF LED 3000-840 A04 01</b>	63 866...	...40	2705 lm	A++/A+/A	31	1.2



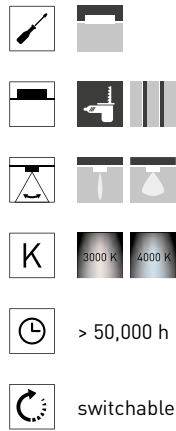
SISTEMA LED

SYSTEM



## MODULAR FLEXIBILITY FOR INDIVIDUAL DISPLAYS

- Single, double or triple-cell frame, individually equipped with luminaire modules, blank plates and spotlight elements.
- Various light colours, beam angles and luminous flux packages enable individual goods illumination.
- Tool-free mounting from frame to light module, and simple replacement of all SISTEMA modules – even from HIT to LED.
- Further versions on request.



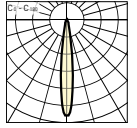
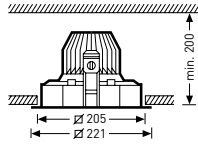
SISTEMA triple-cell




SISTEMA double-cell

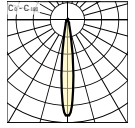
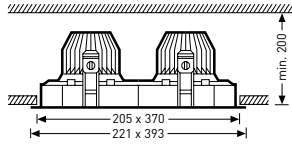


LED system, installation module can be cardanically swivelled through 30°, 1-cell luminaire frame



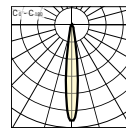
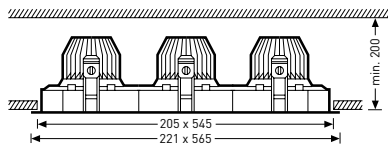
Reference	TOC	Incl. transformer		EEC	W	≈kg
Spot						
Sistema SRS-SP LED 3000-830 A35...MP 01	63 893...	...50	2920 lm	A++/A+/A	28	1.5
Sistema SRS-SP LED 3000-840 A37...MP 01	63 894...	...50	3090 lm	A++/A+/A	28	1.5
Sistema SRS-SP LED 4000-830 A39...MP 01	63 897...	...50	3570 lm	A++/A+/A	35	1.5
Sistema SRS-SP LED 4000-840 A41...MP 01	63 898...	...50	3760 lm	A++/A+/A	35	1.5
Medium-Flood						
Sistema SRS-MF LED 3000-830 A35...MP 01	63 891...	...50	2920 lm	A++/A+/A	28	1.5
Sistema SRS-MF LED 3000-840 A37...MP 01	63 892...	...50	3090 lm	A++/A+/A	28	1.5
Sistema SRS-MF LED 4000-830 A39...MP 01	63 895...	...50	3570 lm	A++/A+/A	35	1.5
Sistema SRS-MF LED 4000-840 A41...MP 01	63 896...	...50	3760 lm	A++/A+/A	35	1.5


LED system, installation module can be cardanically swivelled through 30°, 2-cell luminaire frame



Reference	TOC	Incl. transformer		EEC	W	=kg
Spot						
<b>Sistema SRS-SP 2LED 3000-830 A35...MP 01</b>	63 901...	...50	5840 lm	A++/A+/A	56	2.7
<b>Sistema SRS-SP 2LED 3000-840 A37...MP 01</b>	63 902...	...50	6180 lm	A++/A+/A	56	2.7
<b>Sistema SRS-SP 2LED 4000-830 A39...MP 01</b>	63 905...	...50	7140 lm	A++/A+/A	70	2.7
<b>Sistema SRS-SP 2LED 4000-840 A41...MP 01</b>	63 906...	...50	7520 lm	A++/A+/A	70	2.7
Medium-Flood						
<b>Sistema SRS-MF 2LED 3000-830 A35...MP 01</b>	63 899...	...50	5840 lm	A++/A+/A	56	2.7
<b>Sistema SRS-MF 2LED 3000-840 A37...MP 01</b>	63 900...	...50	6180 lm	A++/A+/A	56	2.7
<b>Sistema SRS-MF 2LED 4000-830 A39...MP 01</b>	63 903...	...50	7140 lm	A++/A+/A	70	2.7
<b>Sistema SRS-MF 2LED 4000-840 A41...MP 01</b>	63 904...	...50	7520 lm	A++/A+/A	70	2.7

LED system, installation module can be cardanically swivelled through 30°, 3-cell luminaire frame

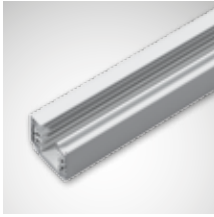


Reference	TOC	Incl. transformer		EEC	W	≈kg
Spot						
Sistema SRS-SP 3LED 3000-830 A35...MP 01	63 909...	...50	8760 lm	A++/A+/A	84	3.9
Sistema SRS-SP 3LED 3000-840 A37...MP 01	63 910...	...50	9270 lm	A++/A+/A	84	3.9
Sistema SRS-SP 3LED 4000-830 A39...MP 01	63 913...	...50	10710 lm	A++/A+/A	105	3.9
Sistema SRS-SP 3LED 4000-840 A41...MP 01	63 914...	...50	11280 lm	A++/A+/A	105	3.9
Medium-Flood						
Sistema SRS-MF 3LED 3000-830 A35...MP 01	63 907...	...50	8760 lm	A++/A+/A	84	3.9
Sistema SRS-MF 3LED 3000-840 A37...MP 01	63 908...	...50	9270 lm	A++/A+/A	84	3.9
Sistema SRS-MF 3LED 4000-830 A39...MP 01	63 911...	...50	10710 lm	A++/A+/A	105	3.9
Sistema SRS-MF 3LED 4000-840 A41...MP 01	63 912...	...50	11280 lm	A++/A+/A	105	3.9





## Tracks, surface-mounted



Reference	TOC	Accessory description	≈kg
ST AB 3-PH 1.0m 01	46 341 00	3-circuit track, length 1000 mm, white RAL 9010, of extruded aluminium profile	1.0
ST AB 3-PH 2.0m 01	46 335 00	3-circuit track, length 2000 mm, white RAL 9010, of extruded aluminium profile	2.0
ST AB 3-PH 3.0m 01	46 329 00	3-circuit track, length 3000 mm, white RAL 9010, of extruded aluminium profile	3.0
ST AB 3-PH 4.0m 01	46 323 00	3-circuit track, length 4000 mm, white RAL 9010, of extruded aluminium profile	4.0
ST AB 3-PH 2.0m 02	46 336 00	3-circuit track, length 2000 mm, silver anodised, of extruded aluminium profile	2.0
ST AB 3-PH 3.0m 02	46 330 00	3-circuit track, length 3000 mm, silver anodised, of extruded aluminium profile	3.0
ST AB 3-PH 4.0m 02	46 324 00	3-circuit track, length 3000 mm, silver anodised, of extruded aluminium profile	4.0

## Tracks, recessed



Reference	TOC	Accessory description	≈kg
ST EB 3-PH 2.0m 01	46 337 00	3-circuit recessed track, length 2000 mm, white RAL 9010, with mounting profile as supporting mounting element for suspended ceilings	2.6
ST EB 3-PH 3.0m 01	46 331 00	3-circuit recessed track, length 3000 mm, white RAL 9010, with mounting profile as supporting mounting element for suspended ceilings	3.9
ST EB 3-PH 4.0m 01	46 325 00	3-circuit recessed track, length 4000 mm, white RAL 9010, with mounting profile as supporting mounting element for suspended ceilings	5.2



## Infeeds, surface-mounted

Reference	TOC	Accessory description	=kg
ES AB 3-PH L 01	46 312 00	3-circuit infeed for assembly at front end of the recessed track, white RAL 9010, earthing conductor left	0.1
ES AB 3-PH R 01	46 306 00	3-circuit infeed for assembly at front end of the recessed track, white RAL 9010, earthing conductor right	0.1
ES AB 3-PH Z 01	46 368 00	3-circuit infeed for assembly between two surface-mounted tracks, white RAL 9010	0.2
ES AB 3-PH L 02	46 342 00	3-circuit infeed for assembly at front end of the recessed track, silver anodised, earthing conductor left	0.1
ES AB 3-PH R 02	46 314 00	3-circuit infeed for mounting at front end of the surface-mounted track, silver anodised, earthing conductor right	0.1
ES AB 3-PH Z 02	46 308 00	3-circuit infeed for assembly between 2 surface-mounted tracks, silver anodised	0.2

## Infeeds, recessed

Reference	TOC	Accessory description	=kg
ES EB 3-PH L 01	46 319 00	3-circuit infeed for assembly at front end of the recessed track, white RAL 9010, earthing conductor left	0.1
ES EB 3-PH R 01	46 374 00	3-circuit infeed for assembly at front end of the recessed track, white RAL 9010, earthing conductor right	0.1

## End caps, surface-mounted

Reference	TOC	Accessory description	=kg
EK AB 3-PH 01 NEW	46 356 00	End cap for covering front ends of 3-circuit surface-mounted track, white RAL 9010	0.1
EK AB 3-PH 02 NEW	46 318 00	End cap for covering front ends of 3-circuit surface-mounted track, silver anodised	0.1

## End caps, recessed

Reference	TOC	Accessory description	=kg
EK EB 3-PH 01	46 355 00	End cap for covering front ends of 3-circuit recessed track, white RAL 9010	0.1

## Connections, surface-mounted



Reference	TOC	Accessory description	≈kg
KG AB 3-PH 01	46 365 00	3-circuit coupling, straight, surface-mounted, white RAL 9010	0.1
KWK AB 3-PH A 01	46 301 00	3-circuit L-connector for surface-mounted tracks, with infeed option, white RAL 9010, external earthing conductor	0.2
KWK AB 3-PH I 01	46 302 00	3-circuit L-connector for surface-mounted tracks, with infeed option, white RAL 9010, internal earthing conductor	0.2
T AB 3-PH Schutzl re 01	46 313 00	3-circuit T-connector for surface-mounted tracks, with infeed option, white RAL 9010, earthing conductor right	0.4
T AB 3-PH Schutzl li 01	46 307 00	3-circuit T-connector for surface-mounted tracks, with infeed option, white RAL 9010, earthing conductor left	0.4
Flex AB 3-PH 01	46 364 00	3-circuit surface-mounted connection, flexible connector	0.2
KG AB 3-PH 02	46 309 00	3-circuit coupling, straight, surface-mounted, silver anodised	0.1
KWK AB 3-PH A 02	46 303 00	3-circuit L-connector for surface-mounted tracks, with infeed option, silver anodised, external earthing conductor	0.2
KWK AB 3-PH I 02	46 350 00	3-circuit L connector for surface-mounted tracks, silver anodised, with infeed option, internal earthing conductor	0.2
T AB 3-PH Schutzl re 02	46 304 00	3-circuit T-connector for surface-mounted tracks, with infeed option, silver anodised, earthing conductor right	0.4
T AB 3-PH Schutzl li 02	46 305 00	3-circuit T-connector for surface-mounted tracks, with infeed option, silver anodised, earthing conductor left	0.4
X AB 3-PH 02	46 348 00	3-circuit X connector for surface-mounted tracks, silver anodised, with infeed option	0.4

## Connections, recessed

Reference	TOC	Accessory description	≈kg
KG EB 3-PH 01	46 349 00	3-circuit connector for recessed tracks, white RAL 9010, for electrical connection without infeed option	0.1
KWK EB 3-PH A 01	46 299 00	3-circuit L-connector for recessed tracks, with infeed option, white RAL 9010, external earthing conductor	0.3
KWK EB 3-PH I 01	46 300 00	3-circuit L-connector for recessed tracks, with infeed option, white RAL 9010, internal earthing conductor	0.3

## Mounting accessories



Reference	TOC	Accessory description	≈kg
<b>DB AB 3-PH 01</b>	46 361 00	Fixing clamp for ceiling surface-mounting of 3-circuit track, white RAL 9010, with 14x7 mm oblong slotted hole	0.1
<b>AP AB 3-PH 01</b>	46 370 00	Suspension point for 3-circuit surface-mounted track for wire or pendant tube suspension, white RAL 9010	0.1
<b>AP VB AB 3-PH 01</b>	46 371 00	Suspension point for 3-circuit surface-mounted track as joint connector for wire or pendant tube suspension, white RAL 9010	0.1
<b>DB AB 3-PH 02</b>	46 362 00	Fixing clamp for ceiling surface-mounting of 3-circuit track, silver, with 14x7 mm oblong slotted hole	0.1
<b>AP AB 3-PH 02</b>	46 372 00	Suspension point for 3-circuit surface-mounted track for wire or pendant tube suspension, silver	0.1
<b>AP VB AB 3-PH 02</b>	46 373 00	Suspension point for 3-circuit surface-mounted track as joint connector for wire or pendant tube suspension, silver	0.1
<b>3-PH 01</b>	46 376 00	Pendant tube suspension for 3-circuit track, white RAL 9010. Pendant tube with 13 mm diameter, for mounting to suspension point AB or to suspension point connector, length 1200 mm	0.4
<b>SA 3-PH 02 L1.5m</b>	46 375 00	Wire suspension for 3-circuit track. Steel wire for mounting to suspension point AB or suspension point connector, length 1500 mm	0.1

## Spot outlets



Reference	TOC	Accessory description	≈kg
<b>PA AB 3-PH 01</b>	46 366 00	3-circuit spot outlet for ceiling surface-mounting, white RAL 9010, for spotlights to 10 kg, with bus option	0.5
<b>PA EB 3-PH 01</b>	46 367 00	3-circuit spot outlet for ceiling recessing, white RAL 9010, for spotlights to 6 kg, with bus option	0.5
<b>PA AB 3-PH 02</b>	46 315 00	3-circuit spot outlet for ceiling surface-mounting, silver, for spotlights to 10 kg, with bus option	0.5
<b>PA EB 3-PH 02</b>	46 317 00	3-circuit spot outlet for ceiling recessing, silver, for spotlights to 6 kg, with bus option	0.5

## CORIFLEX LED













LED CONTINUOUS LINE  
LUMINAIRE



## LIGHT IN A NEW DIMENSION

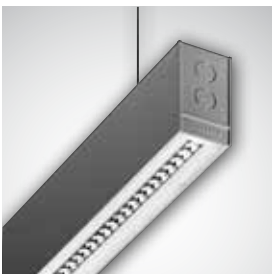
- Highly flexible, modular kit with either direct-indirect or purely direct light.
- Integration of mounting rail, gear tray and optic in the luminaire cuts mounting time by 50%.
- Compact 1-metre elements ensure more flexibility with planning and simplify handling.
- Suitable for uses in offices and training facilities due to UGR19 optic.



-  
-  
-  
-  ✓
-  
-  50,000 h
-  switchable and dimmable (DALI), switchable
-  Emergency light version with individual battery, 3 hours, switching relay for emergency power supply systems

Micro Reflector Technology

Coriflex corner module



## Your benefits

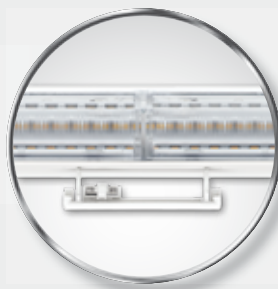


### Industrial halls and offices

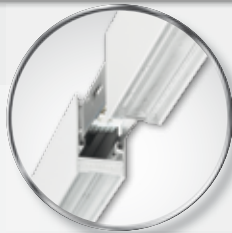
Various optical systems ranging from narrow distribution to double asymmetric mean perfect illumination for all rooms.

### External phase selection

Revolutionary: External Coriflex phase selection guarantees time savings during mounting that were unknown until now.



Whether with narrow or wide distribution or workstation-compatible, Coriflex unites various optics and light colours within only one continuous line. While individual modules can be combined according to requirements, the appearance of the luminaire always stays the same.



Setting in scene: Conventional spots can be integrated with the 3-circuit track module to achieve targeted light accents.



### Rapid installation

Thanks to plug and play, mounting is child's play. Self-actuating electrical and mechanical connections make this possible.





Perfect integration:  
Coriflex harmoniously fits in to any environment.

## Adaptable

Coriflex comes with various suspensions for surface-mounted or suspended versions. Whether for warehouses, production bays or workshops, Coriflex with its unprecedented flexibility optimally meets the demands of many different areas.



The Coriflex office and highbay sensor modules enable you to simply and rapidly save energy. The sensor module with half the length of a Coriflex module is supplied ready for connection and can be randomly positioned in the continuous line.



Highly variable and efficient: The individual modules of the continuous line are not only exchangeable but can be shifted within the light system with a few twists of the wrist.



Light only where it is needed:  
Dummy sections are used if only a low illuminance level is needed for a specific zone.

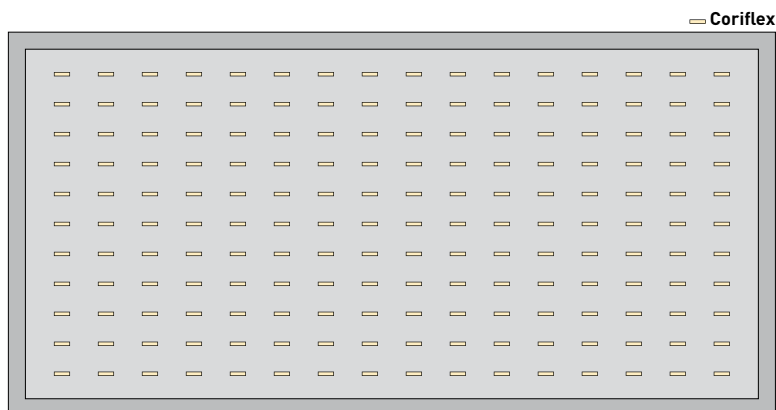
## CORIFLEX LED

### INDUSTRIAL APPLICATION



Extreme temperatures, dust and vibrations: Coriflex performs optimally even in industrial applications under difficult conditions. Low maintenance effort and a luminous efficacy of up to 110 lm/W ensure short pay-back times and low energy costs in running operation. The light points can also be flexibly set to ensure custom-fitted, efficient lighting planning. Wide suspension distances of up to 3 metres offer even more flexibility.

### Planning example



— Coriflex

- **Industrial hall:** 55.00 m x 35.00 m
- **Room height:** 8.00 m
- **Mounting height:** 6.00 m
- **Maintenance factor:** 0.8

## Ordering example



Reference	TOC	Quantity	Description
<b>Cflex H1-E TB 4000-840 ETDD 01</b>	61 228 51	<b>11</b>	Single or first luminaire, narrow wide distribution, 4000 lm, 4000 K, DALI dimmable, white



Reference	TOC	Quantity	Description
<b>Cflex H1-LM TB 4000-840 ETDD 01</b>	61 226 51	<b>165</b>	Continuous line central or end luminaire, narrow wide distribution, 4000 lm, 4000 K, DALI dimmable, white



Reference	TOC	Quantity	Description
<b>Cflex H1-LM BL 01</b>	61 752 00	<b>330</b>	Continuous line central or dummy section end luminaire, white



Reference	TOC	Quantity	Description
<b>Cflex KSE/E-3PH VB 01</b>	61 268 00	<b>11</b>	Standard end cap, with mains infeed, white



Reference	TOC	Quantity	Description
<b>Cflex KSE/LM-3PH 01</b>	61 269 00	<b>11</b>	Standard end cap, white



Reference	TOC	Quantity	Description
<b>Cflex ASKX/3000</b>	61 265 00	<b>200</b>	Spiral eyelet system for rapid chain mounting (adjustable), length 3000 mm

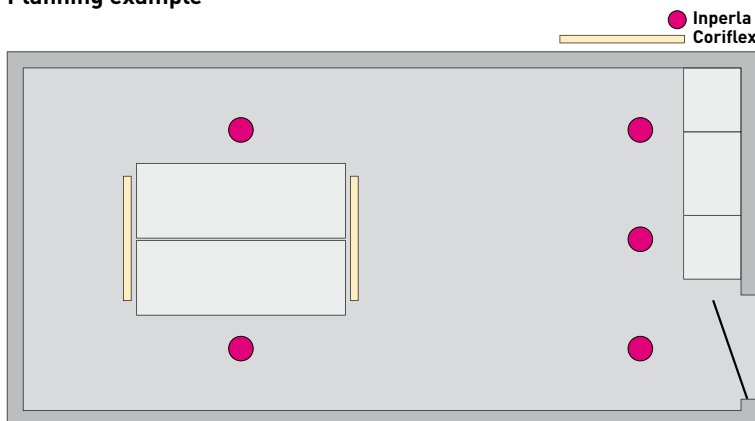
# CORIFLEX LED

## OFFICE APPLICATION



Efficient light for pleasant work: Coriflex scores top points in offices as well with many features. Thanks to MRX (Micro-Reflector-Technology) it emits glare-free light complying with standards for computer screen work. Its direct/indirect distribution optic and an integrated light management system make it an effective and energy-efficient lighting solution that adapts to very different room structures. Connection elements enable continuous mounting of the light system even in rooms and corridors with lots of corners.

### Planning example



- **Office:** 5.40 m x 3.95 m
- **Room height:** 2.70 m
- **Mounting height:** 2.70 m
- **Maintenance factor:** 0.8

## Ordering example



Reference	TOC	Quantity	Description
Cflex H1-E MRX 3500-830 ETDD I2	63 214 51	2	Single or first luminaire, VDU-compliant (MRX) 3500 lm, 3000 K, DALI dimmable, anthracite



Reference	TOC	Quantity	Description
Cflex KSE/E-3PH VB I2	61 877 00	2	Standard end cap, with mains infeed, anthracite



Reference	TOC	Quantity	Description
Cflex KSE/LM-3PH I2	61 879 00	2	Standard end cap, anthracite



Reference	TOC	Quantity	Description
Cflex DX	61 869 00	4	Fixing clamp for ceiling mounting



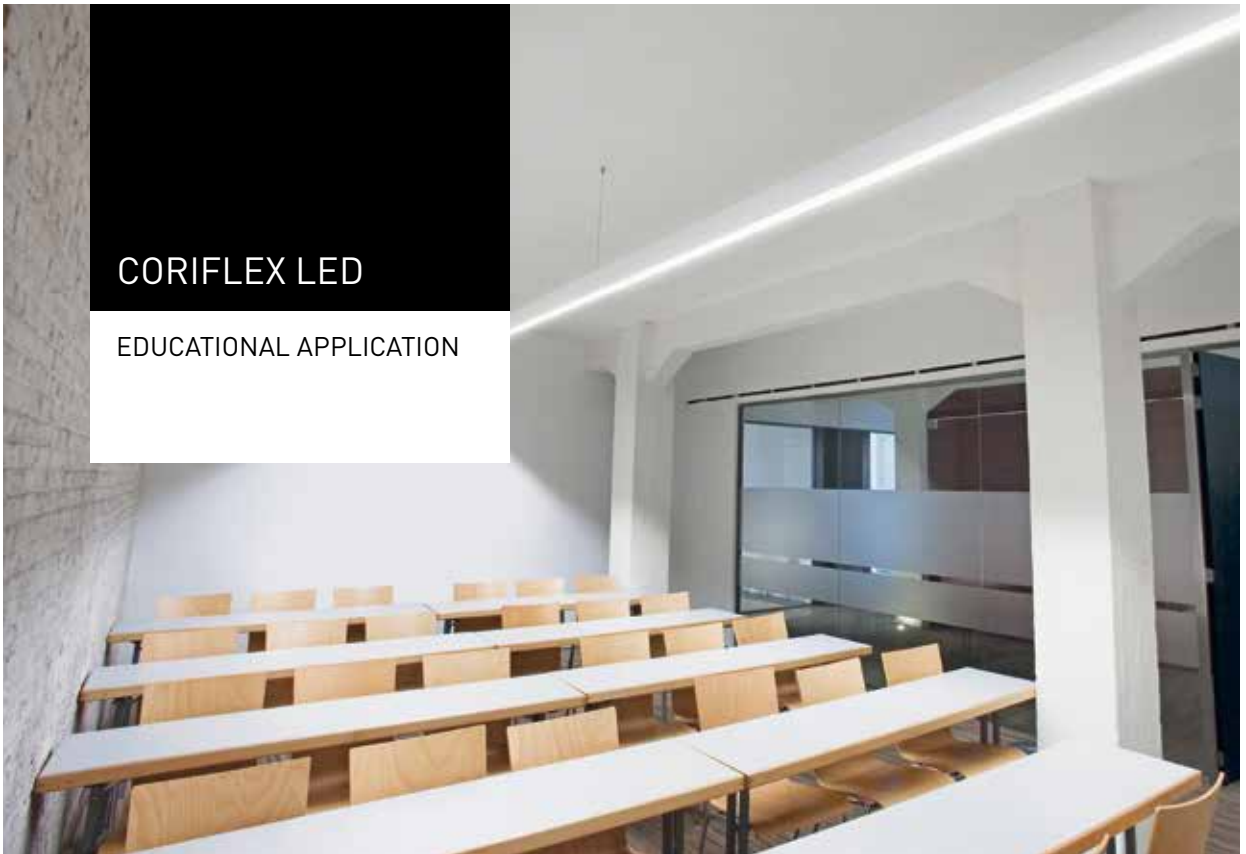
Reference	TOC	Quantity	Description
Inperla C2 HR LED 2000 ww ETDD 03	58 909 51	3	Downlight, highly specular reflector, 2000 lm, 3000 K, DALI dimmable, silver



Reference	TOC	Quantity	Description
Inperla C2 HR LED 1100 ww ETDD 03	58 639 51	2	Downlight, highly specular reflector, 1100 lm, 3000 K, DALI dimmable, silver

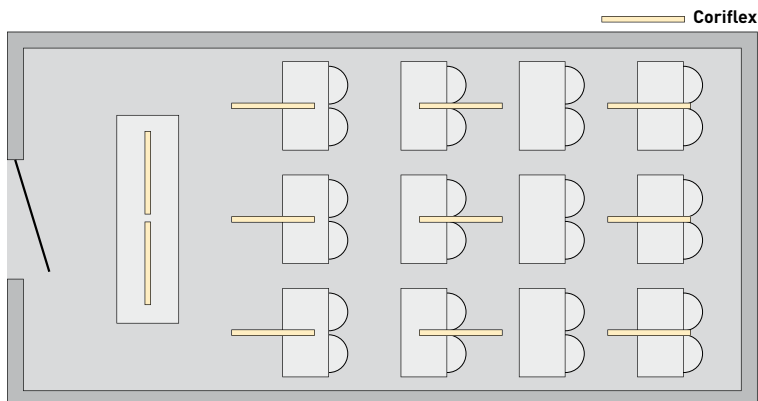
## CORIFLEX LED

### EDUCATIONAL APPLICATION



The demands on lighting in the educational sector are as high as the learning content itself. For example working at a screen requires a different type of lighting than for experimenting in physics and chemistry rooms. Coriflex ensures optimal illumination in all these areas. In addition, long maintenance intervals, safe, low-cost and rapid mounting and simple cleaning of the light system means it is the ideal solution for classrooms and seminar rooms.

### Planning example



- **Education:** 9.60 m x 7.20 m
- **Room height:** 3.00 m
- **Mounting height:** 3.00 m
- **Maintenance factor:** 0.8

## Ordering example



Reference	TOC	Quantity	Description
<b>Cflex H1-E MRX 3500-840 ET 03</b>	63 216 40	<b>9</b>	Single or first luminaire, VDU-compliant (MRX) 3500 lm, 4000 K, switchable, silver



Reference	TOC	Quantity	Description
<b>Cflex H1-E A 4000-840 ET 03</b>	61 503 40	<b>2</b>	Single or first luminaire, asymmetric distribution, 4000 lm, 4000 K, switchable, silver



Reference	TOC	Quantity	Description
<b>Cflex KSE/E-3PH VB 03</b>	61 876 00	<b>9</b>	Standard end cap, with mains infeed, silver



Reference	TOC	Quantity	Description
<b>Cflex KSE/LM-3PH 03</b>	61 878 00	<b>9</b>	Standard end cap, silver



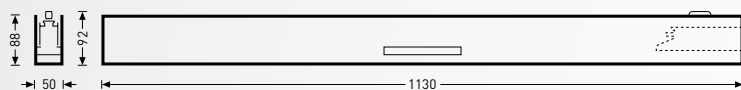
Reference	TOC	Quantity	Description
<b>Cflex DX</b>	61 869 00	<b>18</b>	Fixing clamp for ceiling mounting

## How does the modular construction work?

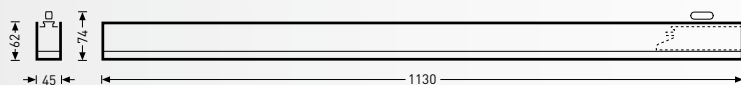
All Coriflex elements can be combined with each other at random. When equipped with flush end caps, Coriflex is protected from dust and soiling and is thus ideal for industrial environments.

### Start module

Classic start or single module ...E...

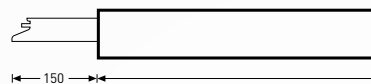


Start or dummy section single module ...E-BL...

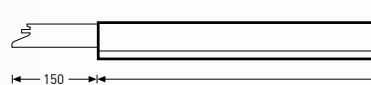


### Central module

Classic central or end module ...LM...



Central or dummy section end module ...LM-BL...

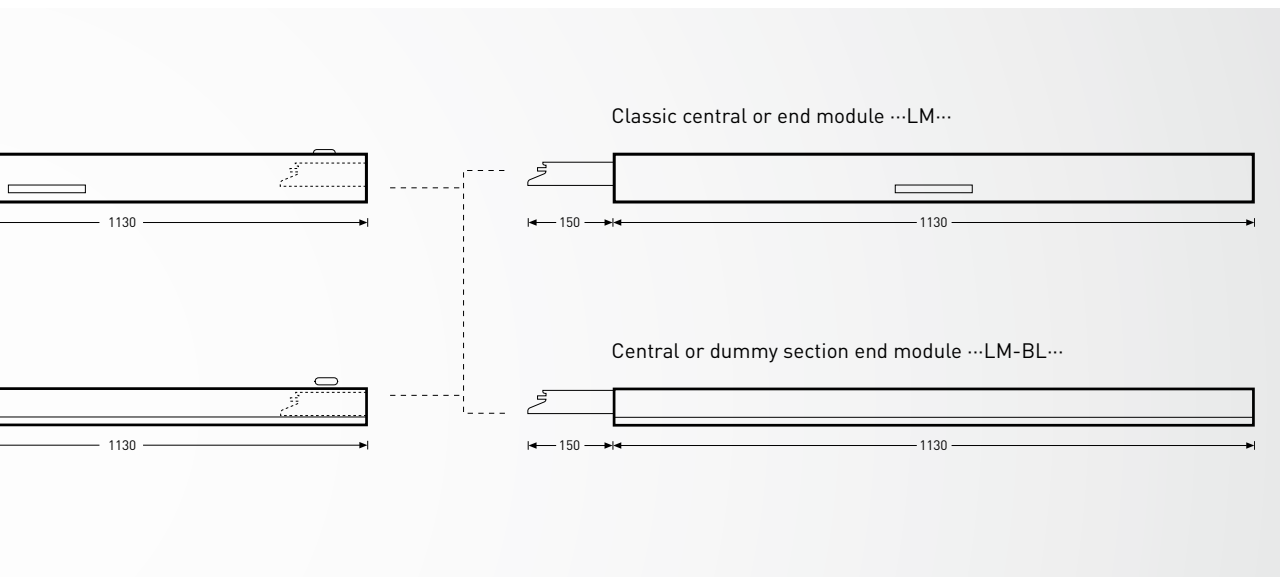


Note: See the online catalogue at [www.trilux.com](http://www.trilux.com) for dimensional sketches for the Coriflex EB3 emergency light modules, track, sensor and corner modules.





**End module**







## Luminaires without emergency light insert






 IP40 650° C (PMMA) 2 joules

		Classic start or single module Cflex....E...		
		white ...01	silver ...03	anthracite ...12
 <p><b>H1</b> narrow distribution</p>		61 550 40	61 551 40	61 555 40
		61 550 51	61 551 51	61 555 51
		61 559 40	61 560 40	61 564 40
		61 559 51	61 560 51	61 564 51
		61 568 40	61 569 40	61 573 40
		61 568 51	61 569 51	61 573 51
		61 227 40	61 577 40	61 581 40
		61 227 51	61 577 51	61 581 51
		62 604 40	62 605 40	62 609 40
		62 604 51	62 605 51	62 609 51
		62 613 40	62 614 40	62 618 40
		62 613 51	62 614 51	62 618 51
	 <p><b>H1</b> narrow-wide distribution</p>		61 585 40	61 586 40
		61 585 51	61 586 51	61 590 51
		61 594 40	61 595 40	61 599 40
		61 594 51	61 595 51	61 599 51
		61 603 40	61 604 40	61 608 40
		61 603 51	61 604 51	61 608 51
		61 228 40	61 612 40	61 616 40
		61 228 51	61 612 51	61 616 51
		62 622 40	62 623 40	62 627 40
		62 622 51	62 623 51	62 627 51
		62 631 40	62 632 40	62 636 40
		62 631 51	62 632 51	62 636 51
 <p><b>H1</b> wide distribution</p>			62 532 40	62 533 40
		62 532 51	62 533 51	62 534 51
		62 541 40	62 542 40	62 543 40
		62 541 51	62 542 51	62 543 51
		62 550 40	62 551 40	62 552 40
		62 550 51	62 551 51	62 552 51
		62 553 40	62 554 40	62 555 40
		62 553 51	62 554 51	62 555 51
		62 568 40	62 569 40	62 570 40
		62 568 51	62 569 51	62 570 51
		62 577 40	62 578 40	62 579 40
		62 577 51	62 578 51	62 579 51
	 <p><b>H1</b> double asymmetric</p>		61 514 40	61 515 40
		61 514 51	61 515 51	61 519 51
		61 523 40	61 524 40	61 528 40
		61 523 51	61 524 51	61 528 51
		61 532 40	61 533 40	61 537 40
		61 532 51	61 533 51	61 537 51
		61 541 40	61 542 40	61 546 40
		61 541 51	61 542 51	61 546 51
		62 586 40	62 587 40	62 588 40
		62 586 51	62 587 51	62 588 51
		62 595 40	62 596 40	62 597 40
		62 595 51	62 596 51	62 597 51

All of these luminaires comply with energy efficiency class (IEC) A++/A+/A

Classic central or end module Cflex---LM---			light colour	Luminous flux
white ---01	silver ---03	anthracite ---I2		
61 791 40	61 792 40	61 796 40	3000 K	3500 lm
61 791 51	61 792 51	61 796 51		
61 800 40	61 801 40	61 805 40	4000 K	
61 800 51	61 801 51	61 805 51		
61 809 40	61 810 40	61 814 40	3000 K	4000 lm
61 809 51	61 810 51	61 814 51		
61 225 40	61 818 40	61 822 40	4000 K	
61 225 51	61 818 51	61 822 51		
62 778 40	62 779 40	62 780 40	3000 K	5500 lm
62 778 51	62 779 51	62 780 51		
62 787 40	62 788 40	62 789 40	4000 K	
62 787 51	62 788 51	62 789 51		
61 826 40	61 827 40	61 831 40	3000 K	3500 lm
61 826 51	61 827 51	61 831 51		
61 835 40	61 836 40	61 840 40	4000 K	
61 835 51	61 836 51	61 840 51		
61 844 40	61 845 40	61 849 40	3000 K	4000 lm
61 844 51	61 845 51	61 849 51		
61 226 40	61 853 40	61 857 40	4000 K	
61 226 51	61 853 51	61 857 51		
62 796 40	62 797 40	62 798 40	3000 K	5500 lm
62 796 51	62 797 51	62 798 51		
62 805 40	62 806 40	62 807 40	4000 K	
62 805 51	62 806 51	62 807 51		
62 706 40	62 707 40	62 708 40	3000 K	3500 lm
62 706 51	62 707 51	62 708 51		
62 715 40	62 716 40	62 717 40	4000 K	
62 715 51	62 716 51	62 717 51		
62 724 40	62 725 40	62 726 40	3000 K	4000 lm
62 724 51	62 725 51	62 726 51		
62 733 40	62 734 40	62 735 40	4000 K	
62 733 51	62 734 51	62 735 51		
62 742 40	62 743 40	62 744 40	3000 K	5500 lm
62 742 51	62 743 51	62 744 51		
62 751 40	62 752 40	62 753 40	4000 K	
62 751 51	62 752 51	62 753 51		
61 755 40	61 756 40	61 760 40	3000 K	3500 lm
61 755 51	61 756 51	61 760 51		
61 764 40	61 765 40	61 769 40	4000 K	
61 764 51	61 765 51	61 769 51		
61 773 40	61 774 40	61 778 40	3000 K	4000 lm
61 773 51	61 774 51	61 778 51		
61 782 40	61 783 40	61 787 40	4000 K	
61 782 51	61 783 51	61 787 51		
62 760 40	62 761 40	62 762 40	3000 K	5500 lm
62 760 51	62 761 51	62 762 51		
62 769 40	62 770 40	62 771 40	4000 K	
62 769 51	62 770 51	62 771 51		




---40 ET With electronic transformer, switchable  
 ---51 ETDD With electronic transformer, DALI dimmable

## Luminaires without emergency light insert





 IP40 650° C (PMMA) 2 joules

	Classic start or single module Cflex...E...		
	white ...01	silver ...03	anthracite ...12
 <p><b>H1</b> asymmetric</p>	61 493 40	61 494 40	61 498 40
	61 493 51	61 494 51	61 498 51
	61 502 40	61 503 40	61 507 40
	61 502 51	61 503 51	61 507 51
 <p><b>H1</b> direct distribution<sup>1)</sup></p>	63 212 40	63 213 40	63 214 40
	63 212 51	63 213 51	63 214 51
	63 215 40	63 216 40	63 217 40
	63 215 51	63 216 51	63 217 51
	63 615 40	63 616 40	63 617 40
	63 615 51	63 616 51	63 617 51
	63 618 40	63 619 40	63 620 40
	63 618 51	63 619 51	63 620 51
 <p><b>H2</b> direct indirect distribution<sup>1)2)</sup></p>	63 224 40	63 225 40	63 226 40
	63 224 51	63 225 51	63 226 51
	63 227 40	63 228 40	63 229 40
	63 227 51	63 228 51	63 229 51

All of these luminaires comply with energy efficiency class (IEC) A++/A+/A

<sup>1)</sup> Suitable for use at VDU workstations (MRX)

<sup>2)</sup> Coriflex MRX H2 (direct / indirect) cannot be centrally mains fed

Classic central or end module Cflex---LM---			light colour	Luminous flux
white ---01	silver ---03	anthracite ---I2		
61 734 40	61 735 40	61 739 40	3000 K	4000 lm
61 734 51	61 735 51	61 739 51		
61 743 40	61 744 40	61 748 40	4000 K	
61 743 51	61 744 51	61 748 51		
63 218 40	63 219 40	63 220 40	3000 K	3500 lm
63 218 51	63 219 51	63 220 51		
63 221 40	63 222 40	63 223 40	4000 K	
63 221 51	63 222 51	63 223 51		
63 621 40	63 622 40	63 623 40	3000 K	5500 lm
63 621 51	63 622 51	63 623 51		
63 624 40	63 625 40	63 626 40	4000 K	
63 624 51	63 625 51	63 626 51		
63 230 40	63 231 40	63 232 40	3000 K	5500 lm
63 230 51	63 231 51	63 232 51		
63 233 40	63 234 40	63 235 40	4000 K	
63 233 51	63 234 51	63 235 51		





---40 ET With electronic transformer, switchable  
 ---51 ETDD With electronic transformer, DALI dimmable

## Luminaires with emergency light insert






 IP40 650° C (PMMA) 2 joules

	Classic start or single module with switching relay Cflex---E UR...*			Classic start or single module with individual battery Cflex---E EB...*			
	white ---01	silver ---03	anthracite ---I2	white ---01	silver ---03	anthracite ---I2	
 <b>H1 narrow distribution</b>	61 556 40	61 557 40	61 558 40	61 552 40	61 553 40	61 554 40	
	61 556 51	61 557 51	61 558 51	61 552 51	61 553 51	61 554 51	
	61 565 40	61 566 40	61 567 40	61 561 40	61 562 40	61 563 40	
	61 565 51	61 566 51	61 567 51	61 561 51	61 562 51	61 563 51	
	61 574 40	61 575 40	61 576 40	61 570 40	61 571 40	61 572 40	
	61 574 51	61 575 51	61 576 51	61 570 51	61 571 51	61 572 51	
	61 582 40	61 583 40	61 584 40	61 578 40	61 579 40	61 580 40	
	61 582 51	61 583 51	61 584 51	61 578 51	61 579 51	61 580 51	
	62 610 40	62 611 40	62 612 40	62 606 40	62 607 40	62 608 40	
	62 610 51	62 611 51	62 612 51	62 606 51	62 607 51	62 608 51	
	62 619 40	62 620 40	62 621 40	62 615 40	62 616 40	62 617 40	
	62 619 51	62 620 51	62 621 51	62 615 51	62 616 51	62 617 51	
	 <b>H1 narrow-wide distribution</b>	61 591 40	61 592 40	61 593 40	61 587 40	61 588 40	61 589 40
		61 591 51	61 592 51	61 593 51	61 587 51	61 588 51	61 589 51
61 600 40		61 601 40	61 602 40	61 596 40	61 597 40	61 598 40	
61 600 51		61 601 51	61 602 51	61 596 51	61 597 51	61 598 51	
61 609 40		61 610 40	61 611 40	61 605 40	61 606 40	61 607 40	
61 609 51		61 610 51	61 611 51	61 605 51	61 606 51	61 607 51	
61 617 40		61 618 40	61 619 40	61 613 40	61 614 40	61 615 40	
61 617 51		61 618 51	61 619 51	61 613 51	61 614 51	61 615 51	
62 628 40		62 629 40	62 630 40	62 624 40	62 625 40	62 626 40	
62 628 51		62 629 51	62 630 51	62 624 51	62 625 51	62 626 51	
62 637 40		62 638 40	62 639 40	62 633 40	62 634 40	62 635 40	
62 637 51		62 638 51	62 639 51	62 633 51	62 634 51	62 635 51	
 <b>H1 wide distribution</b>		62 538 40	62 539 40	62 540 40	62 535 40	62 536 40	62 537 40
		62 538 51	62 539 51	62 540 51	62 535 51	62 536 51	62 537 51
	62 547 40	62 548 40	62 549 40	62 544 40	62 545 40	62 546 40	
	62 547 51	62 548 51	62 549 51	62 544 51	62 545 51	62 546 51	
	62 562 40	62 563 40	62 564 40	62 556 40	62 557 40	62 558 40	
	62 562 51	62 563 51	62 564 51	62 556 51	62 557 51	62 558 51	
	62 565 40	62 566 40	62 567 40	62 559 40	62 560 40	62 561 40	
	62 565 51	62 566 51	62 567 51	62 559 51	62 560 51	62 561 51	
	62 574 40	62 575 40	62 576 40	62 571 40	62 572 40	62 573 40	
	62 574 51	62 575 51	62 576 51	62 571 51	62 572 51	62 573 51	
	62 583 40	62 584 40	62 585 40	62 580 40	62 581 40	62 582 40	
	62 583 51	62 584 51	62 585 51	62 580 51	62 581 51	62 582 51	
	 <b>H1 double asymmetric</b>	61 520 40	61 521 40	61 522 40	61 516 40	61 517 40	61 518 40
		61 520 51	61 521 51	61 522 51	61 516 51	61 517 51	61 518 51
61 529 40		61 530 40	61 531 40	61 525 40	61 526 40	61 527 40	
61 529 51		61 530 51	61 531 51	61 525 51	61 526 51	61 527 51	
61 538 40		61 539 40	61 540 40	61 534 40	61 535 40	61 536 40	
61 538 51		61 539 51	61 540 51	61 534 51	61 535 51	61 536 51	
61 547 40		61 548 40	61 549 40	61 543 40	61 544 40	61 545 40	
61 547 51		61 548 51	61 549 51	61 543 51	61 544 51	61 545 51	
62 592 40		62 593 40	62 594 40	62 589 40	62 590 40	62 591 40	
62 592 51		62 593 51	62 594 51	62 589 51	62 590 51	62 591 51	
62 601 40		62 602 40	62 603 40	62 598 40	62 599 40	62 600 40	
62 601 51		62 602 51	62 603 51	62 598 51	62 599 51	62 600 51	

All of these luminaires comply with energy efficiency class [IEC] A++/A+/A

\* separate on-site infeed required

Classic central or end module with switching relay Cflex---LM UR...*			Classic central or end module with individual battery Cflex---LM EB...*			light colour	Luminous flux
white ---01	silver ---03	anthracite ---12	white ---01	silver ---03	anthracite ---12		
61 797 40	61 798 40	61 799 40	61 793 40	61 794 40	61 795 40	3000 K	3500 lm
61 797 51	61 798 51	61 799 51	61 793 51	61 794 51	61 795 51		
61 806 40	61 807 40	61 808 40	61 802 40	61 803 40	61 804 40		
61 806 51	61 807 51	61 808 51	61 802 51	61 803 51	61 804 51	4000 K	
61 815 40	61 816 40	61 817 40	61 811 40	61 812 40	61 813 40	3000 K	4000 lm
61 815 51	61 816 51	61 817 51	61 811 51	61 812 51	61 813 51		
61 823 40	61 824 40	61 825 40	61 819 40	61 820 40	61 821 40		
61 823 51	61 824 51	61 825 51	61 819 51	61 820 51	61 821 51	4000 K	
62 784 40	62 785 40	62 786 40	62 781 40	62 782 40	62 783 40	3000 K	5500 lm
62 784 51	62 785 51	62 786 51	62 781 51	62 782 51	62 783 51		
62 793 40	62 794 40	62 795 40	62 790 40	62 791 40	62 792 40		
62 793 51	62 794 51	62 795 51	62 790 51	62 791 51	62 792 51	4000 K	
61 832 40	61 833 40	61 834 40	61 828 40	61 829 40	61 830 40	3000 K	3500 lm
61 832 51	61 833 51	61 834 51	61 828 51	61 829 51	61 830 51		
61 841 40	61 842 40	61 843 40	61 837 40	61 838 40	61 839 40		
61 841 51	61 842 51	61 843 51	61 837 51	61 838 51	61 839 51	4000 K	
61 850 40	61 851 40	61 852 40	61 846 40	61 847 40	61 848 40	3000 K	4000 lm
61 850 51	61 851 51	61 852 51	61 846 51	61 847 51	61 848 51		
61 858 40	61 859 40	61 860 40	61 854 40	61 855 40	61 856 40		
61 858 51	61 859 51	61 860 51	61 854 51	61 855 51	61 856 51	4000 K	
62 802 40	62 803 40	62 804 40	62 799 40	62 800 40	62 801 40	3000 K	5500 lm
62 802 51	62 803 51	62 804 51	62 799 51	62 800 51	62 801 51		
62 811 40	62 812 40	62 813 40	62 808 40	62 809 40	62 810 40		
62 811 51	62 812 51	62 813 51	62 808 51	62 809 51	62 810 51	4000 K	
62 712 40	62 713 40	62 714 40	62 709 40	62 710 40	62 711 40	3000 K	3500 lm
62 712 51	62 713 51	62 714 51	62 709 51	62 710 51	62 711 51		
62 721 40	62 722 40	62 723 40	62 718 40	62 719 40	62 720 40		
62 721 51	62 722 51	62 723 51	62 718 51	62 719 51	62 720 51	4000 K	
62 730 40	62 731 40	62 732 40	62 727 40	62 728 40	62 729 40	3000 K	4000 lm
62 730 51	62 731 51	62 732 51	62 727 51	62 728 51	62 729 51		
62 739 40	62 740 40	62 741 40	62 736 40	62 737 40	62 738 40		
62 739 51	62 740 51	62 741 51	62 736 51	62 737 51	62 738 51	4000 K	
62 748 40	62 749 40	62 750 40	62 745 40	62 746 40	62 747 40	3000 K	5500 lm
62 748 51	62 749 51	62 750 51	62 745 51	62 746 51	62 747 51		
62 757 40	62 758 40	62 759 40	62 754 40	62 755 40	62 756 40		
62 757 51	62 758 51	62 759 51	62 754 51	62 755 51	62 756 51	4000 K	
61 761 40	61 762 40	61 763 40	61 757 40	61 758 40	61 759 40	3000 K	3500 lm
61 761 51	61 762 51	61 763 51	61 757 51	61 758 51	61 759 51		
61 770 40	61 771 40	61 772 40	61 766 40	61 767 40	61 768 40		
61 770 51	61 771 51	61 772 51	61 766 51	61 767 51	61 768 51	4000 K	
61 779 40	61 780 40	61 781 40	61 775 40	61 776 40	61 777 40	3000 K	4000 lm
61 779 51	61 780 51	61 781 51	61 775 51	61 776 51	61 777 51		
61 788 40	61 789 40	61 790 40	61 784 40	61 785 40	61 786 40		
61 788 51	61 789 51	61 790 51	61 784 51	61 785 51	61 786 51	4000 K	
62 766 40	62 767 40	62 768 40	62 763 40	62 764 40	62 765 40	3000 K	5500 lm
62 766 51	62 767 51	62 768 51	62 763 51	62 764 51	62 765 51		
62 775 40	62 776 40	62 777 40	62 772 40	62 773 40	62 774 40		
62 775 51	62 776 51	62 777 51	62 772 51	62 773 51	62 774 51	4000 K	

---40 ET With electronic transformer, switchable  
---51 ETDD With electronic transformer, DALI dimmable

## End caps



Reference	TOC	≈kg	E			LM		
			white	silver	anthracite	white	silver	anthracite
<b>End caps for single or continuous line start luminaires; with infeed</b>								
Cflex KSE/E-3PH VB 01	61 268 00	0.2	●					
Cflex KSE/E-3PH VB 03	61 876 00	0.2		●				
Cflex KSE/E-3PH VB I2	61 877 00	0.2			●			
<b>End caps for continuous line central or end luminaires</b>								
Cflex KSE/LM-3PH 01	61 269 00	0.1	●*			●		
Cflex KSE/LM-3PH 03	61 878 00	0.1		●*			●	
Cflex KSE/LM-3PH I2	61 879 00	0.1			●*			●
<b>End caps for continuous line start luminaires (design); with infeed</b>								
Cflex KSLA/E-BL VB 01	61 870 00	0.2						
Cflex KSLA/E-BL VB 03	61 871 00	0.2						
Cflex KSLA/E-BL VB I2	61 872 00	0.2						
<b>End caps for continuous line end luminaires (design)</b>								
Cflex KSLE/LM-BL 01	61 873 00	0.1						
Cflex KSLE/LM-BL 03	61 874 00	0.1						
Cflex KSLE/LM-BL I2	61 875 00	0.1						



E BL			LM BL			E UR			E EB			E 3PH			LM UR			LM EB			LM 3PH			ECK			
white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	white	silver	anthracite	
						•			•			•															
							•			•			•														
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		•*			•																						

\*for central infeed, please order the following accessory separately: Cflex VS TOC 61 880 00

## Dummy section modules



Reference	TOC	Description	≈kg
<b>Cflex H1-E BL 01</b>	61 511 00	First or dummy section single module, length 1130 mm, including wiring and polycarbonate cover, white	1.9
<b>Cflex H1-E BL 03</b>	61 512 00	First or dummy section single module, length 1130 mm, including wiring and polycarbonate cover, silver	1.9
<b>Cflex H1-E BL I2</b>	61 513 00	First or dummy section single module, length 1130 mm, including wiring and polycarbonate cover, anthracite	1.9
<b>Cflex H1-LM BL 01</b>	61 752 00	Central or dummy section end module, length 1130 mm, including wiring and polycarbonate cover, white	2.2
<b>Cflex H1-LM BL 03</b>	61 753 00	Central or dummy section end module, length 1130 mm, including wiring and polycarbonate cover, silver	2.2
<b>Cflex H1-LM BL I2</b>	61 754 00	Central or dummy section end module, length 1130 mm, including wiring and polycarbonate cover, anthracite	2.2

## Corner modules

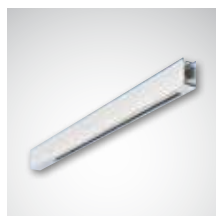


Reference	TOC	Description	=kg
<b>Cflex H1-Eck re B 4000-830 ETDD 01</b>	62 368 51	Classic corner module, right, wide distribution, 4000 lm, 3000 K, DALI dimmable, white	5.2
<b>Cflex H1-Eck re B 4000-830 ETDD 03</b>	62 369 51	Classic corner module, right, wide distribution, 4000 lm, 3000 K, DALI dimmable, silver	5.2
<b>Cflex H1-Eck re B 4000-830 ETDD I2</b>	62 370 51	Classic corner module, right, wide distribution, 4000 lm, 3000 K, DALI dimmable, anthracite	5.2
<b>Cflex H1-Eck li B 4000-830 ETDD 01</b>	62 371 51	Classic corner module, left, wide distribution, 4000 lm, 3000 K, DALI dimmable, white	5.2
<b>Cflex H1-Eck li B 4000-830 ETDD 03</b>	62 372 51	Classic corner module, left, wide distribution, 4000 lm, 3000 K, DALI dimmable, silver	5.2
<b>Cflex H1-Eck li B 4000-830 ETDD I2</b>	62 373 51	Classic corner module, left, wide distribution, 4000 lm, 3000 K, DALI dimmable, anthracite	5.2
<b>Cflex H1-Eck re B 4000-840 ETDD 01</b>	62 374 51	Classic corner module, right, wide distribution, 4000 lm, 4000 K, DALI dimmable, white	5.2
<b>Cflex H1-Eck re B 4000-840 ETDD 03</b>	62 375 51	Classic corner module, right, wide distribution, 4000 lm, 4000 K, DALI dimmable, silver	5.2
<b>Cflex H1-Eck re B 4000-840 ETDD I2</b>	62 376 51	Classic corner module, right, wide distribution, 4000 lm, 4000 K, DALI dimmable, anthracite	5.2
<b>Cflex H1-Eck li B 4000-840 ETDD 01</b>	62 377 51	Classic corner module, left, wide distribution, 4000 lm, 4000 K, DALI dimmable, white	5.2
<b>Cflex H1-Eck li B 4000-840 ETDD 03</b>	62 378 51	Classic corner module, left, wide distribution, 4000 lm, 4000 K, DALI dimmable, silver	5.2
<b>Cflex H1-Eck li B 4000-840 ETDD I2</b>	62 379 51	Classic corner module, left, wide distribution, 4000 lm, 4000 K, DALI dimmable, anthracite	5.2

Note: Cflex...H1 corners only have an IP20 protection rating.

All of these luminaires comply with energy efficiency class (EEC) A++/A+/A.

## Track modules



Reference	TOC	Description	≈kg
<b>Cflex H1-E 3PH ET 01</b>	62 488 40	Classic start or single module with integrated 3-circuit track, white	5.5
<b>Cflex H1-E 3PH ET 03</b>	62 489 40	Classic start or single module with integrated 3-circuit track, silver	5.5
<b>Cflex H1-E 3PH ET I2</b>	62 490 40	Classic start or single module with integrated 3-circuit track, anthracite	5.5
<b>Cflex H1-LM 3PH ET 01</b>	62 491 40	Classic central or end module with integrated 3-circuit track, white	5.8
<b>Cflex H1-LM 3PH ET 03</b>	62 492 40	Classic central or end module with integrated 3-circuit track, silver	5.8
<b>Cflex H1-LM 3PH ET I2</b>	62 493 40	Classic central or end module with integrated 3-circuit track, anthracite	5.8

Note: A maximum of 2 spots each weighting 5 kg or 3 spots each weighting 3.3 kg can be installed in one Coriflex track module.

## Sensor modules

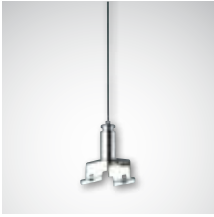


Reference	TOC	Description	≈kg
<b>Cflex H1-E +ActiM2 01</b>	62 819 00	Classic start or single module with integrated ActiLume DALI controller and sensor for mounting heights to max. 5 metres, white	1.9
<b>Cflex H1-E +ActiS2 01</b>	62 820 00	Classic start or single module with integrated ActiLume DALI expansion sensor for mounting heights to max. 5 metres, white	1.9
<b>Cflex H1-LM +ActiM2 01</b>	62 821 00	Classic central or end module with integrated ActiLume DALI controller and sensor for mounting heights to max. 5 metres, white	1.9
<b>Cflex H1-LM +ActiS2 01</b>	62 822 00	Classic central or end module with integrated ActiLume DALI expansion sensor for mounting heights to max. 5 metres, white	2.2
<b>Cflex H1-E +ActiM2 HB 01</b>	62 823 00	Classic start or single module with integrated ActiLume DALI controller and sensor for mounting heights of 5 to 15 metres, white	2.2
<b>Cflex H1-LM +ActiM2 HB 01</b>	62 825 00	Classic central or end module with integrated ActiLume DALI controller and sensor for mounting heights of 5 to 15 metres, white	2.2

Further colour variants such as silver and anthracite are available on request.

See the online catalogue at [www.trilux.com](http://www.trilux.com) for dimensional sketches for Coriflex track, sensor and corner modules.

## Decorative wire suspensions



Reference	TOC	Description	=kg
<b>Cflex ADSX/1500</b>	61 861 00	1 piece, consisting of steel wire, galvanised, Ø 1.75 mm, 1500 mm long, with suspension clamp. Wire length randomly adjustable without tools.	0.1
<b>Cflex ADSX/3000</b>	61 862 00	1 piece, consisting of steel wire, galvanised, Ø 1.75 mm, 3000 mm long, with suspension clamp. Wire length randomly adjustable without tools.	0.1
<b>Cflex ADSX/6000</b>	61 863 00	1 piece, consisting of steel wire, galvanised, Ø 1.75 mm, 6000 mm long, with suspension clamp. Wire length randomly adjustable without tools.	0.1

## Wire suspensions



Reference	TOC	Description	=kg
<b>Cflex ASX/1500</b>	61 864 00	1 piece, consisting of steel wire with loop, galvanised, Ø 1.75 mm, 1500 mm long, with suspension clamp Cflex ESX. Wire length randomly adjustable without tools.	0.1
<b>Cflex ASX/3000</b>	61 865 00	1 piece, consisting of steel wire with loop, galvanised, Ø 1.75 mm, 3000 mm long, with suspension clamp Cflex ESX. Wire length randomly adjustable without tools.	0.1
<b>Cflex ASX/6000</b>	61 866 00	1 piece, consisting of steel wire with loop, galvanised, Ø 1.75 mm, 6000 mm long, with suspension clamp Cflex ESX. Wire length randomly adjustable without tools.	0.1

## Spiral eyelet systems for rapid chain mounting (adjustable)



Reference	TOC	Description	=kg
<b>Cflex ASKX/1500</b>	61 264 00	1 piece, consisting of link chain, bright zinc plated, length 1500 mm, with adjustable spiral eyelet system. Suspension length adjusted steplessly and without tools.	0.6
<b>Cflex ASKX/3000</b>	61 265 00	1 piece, consisting of link chain, bright zinc plated, length 3000 mm, with adjustable spiral eyelet system. Suspension length adjusted steplessly and without tools.	1.0
<b>Cflex ASKX/6000</b>	61 266 00	1 piece, consisting of link chain, bright zinc plated, length 6000 mm, with adjustable spiral eyelet system. Suspension length adjusted steplessly and without tools.	1.7

### Ceiling fixing clamps



Reference	TOC	Description	≈kg
Cflex DX	61 869 00	1 piece, fixing clamp for direct ceiling mounting	0.2

### Ceiling fixing plates



Reference	TOC	Description	≈kg
E01	23 420 00	1 piece, ceiling mounting plate with spring hook	0.2

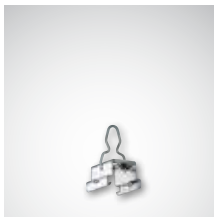
### Suspension clamps



Reference	TOC	Description	≈kg
Cflex ESX	61 267 00	1 piece, for wire suspensions with accessories E06 and E07. Stainless steel, non-rusting, for tool-free fixing to trunking. Wire length randomly adjustable without tools.	0.1



Reference	TOC	Description	≈kg
Cflex ESKX	61 867 00	1 piece, spiral eyelet system for rapid chain mounting (adjustable)	0.3



Reference	TOC	Description	≈kg
Cflex EKX	61 868 00	1 piece, suspension clamp for chain mounting	0.1

**Suspension distance of max. 3 metres applies for all fixing accessories.**

## Link chains



Reference	TOC	Description	=kg
E04	23 434 00	Link chain, length 20 m, can be cut to suit on-site	4.5

## Steel wires



Reference	TOC	Description	=kg
E06	23 437 00	Steel wire, length 20 m, with instant glue for fixing wire ends	0.3

## Wire accessories



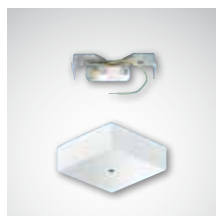
Reference	TOC	Description	=kg
E07	23 438 00	Wire accessory, 1 set (12 pcs.), for wire suspensions with E06 and E07	0.1

## Transparent cables



Reference	TOC	Description	=kg
Cflex ZZT/315/1500	61 469 00	3 x 1.5 mm <sup>2</sup> transparent cable, for suspension lengths up to 1500 mm	0.1
Cflex ZZT/315/3000	61 470 00	3 x 1.5 mm <sup>2</sup> transparent cable, for suspension lengths up to 3000 mm	0.3
Cflex ZZT/315/6000	61 471 00	3 x 1.5 mm <sup>2</sup> transparent cable, for suspension lengths up to 6000 mm	0.5
Cflex ZZT/515/1500	61 472 00	5 x 1.5 mm <sup>2</sup> transparent cable, for suspension lengths up to 1500 mm	0.2
Cflex ZZT/515/3000	61 473 00	5 x 1.5 mm <sup>2</sup> transparent cable, for suspension lengths up to 3000 mm	0.4
Cflex ZZT/515/6000	61 474 00	5 x 1.5 mm <sup>2</sup> transparent cable, for suspension lengths up to 6000 mm	0.8

## Ceiling roses



Reference	TOC	Description	≈kg
ZAE/01 515	46 917 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, white, 1 piece	0.2
ZAE/03 515	46 918 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, silver, 1 piece	0.2
ZAE/I2 515	61 914 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, anthracite, 1 piece	0.2
ZAE/01 515 D11	61 915 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, white, 1 piece	0.2
ZAE/03 515 D11	61 916 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, silver, 1 piece	0.2
ZAE/I2 515 D11	61 917 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, anthracite, 1 piece	0.2

## Cable channels for dummy section profiles



Reference	TOC	Description	≈kg
Cflex KK PC 01	61 409 00	1 piece, cable sheathing for dummy section profile of polycarbonate, white	0.3
Cflex KK PC 03	61 410 00	1 piece, cable sheathing for dummy section profile of polycarbonate, silver	0.3
Cflex KK PC I2	61 411 00	1 piece, cable sheathing for dummy section profile of polycarbonate, anthracite	0.3

## Cable restraints



Reference	TOC	Description	≈kg
Cflex LH PC 01	61 412 00	3 pieces, polycarbonate cable restraints, white	0.1
Cflex LH PC 03	61 413 00	3 pieces, polycarbonate cable restraints, silver	0.1
Cflex LH PC I2	61 414 00	3 pieces, polycarbonate cable restraints, anthracite	0.1

## End caps for blanking cover



Reference	TOC	Description	≈kg
Cflex BL KS 01	61 464 00	1 pair, end caps for blanking cover, white	0.1
Cflex BL KS 03	61 465 00	1 pair, end caps for blanking cover, silver	0.1
Cflex BL KS I2	61 466 00	1 pair, end caps for blanking cover, anthracite	0.1



**Central infeed**

Reference	TOC	Description	≈kg
Cflex VS	61 880 00	1 piece, connection plug for central infeed	0.1

## Luminaire data

	wide distribution	narrow-wide distribution	narrow distribution
<b>Code</b>	<b>B</b>	<b>TB</b>	<b>T</b>
<b>Protection rating</b>	IP40	IP40	IP40
<b>Connected load</b>	58 W (at 5500 lm) 42 W (at 4000 lm) 37 W (at 3500 lm)	58 W (at 5500 lm) 42 W (at 4000 lm) 37 W (at 3500 lm)	58 W (at 5500 lm) 42 W (at 4000 lm) 37 W (at 3500 lm)
<b>Luminous flux</b>	5500 lm 4000 lm 3500 lm	5500 lm 4000 lm 3500 lm	5500 lm 4000 lm 3500 lm
<b>Colour rendering/ Colour temperature</b>	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)
<b>Ballasts</b>	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable
<b>Service life</b>	50,000 h, L80/B10, ta 35°C	50,000 h, L80/B10, ta 35°C	50,000 h, L80/B10, ta 35°C
<b>Colour</b>	white – 01 silver – 03 anthracite – I2	white – 01 silver – 03 anthracite – I2	white – 01 silver – 03 anthracite – I2
<b>Weight</b>	without emergency light: 4.5 kg with emergency light EB: 6.5 kg with emergency light UR: 4.9 kg	without emergency light: 4.5 kg with emergency light EB: 6.5 kg with emergency light UR: 4.9 kg	without emergency light: 4.5 kg with emergency light EB: 6.5 kg with emergency light UR: 4.9 kg
<b>Certification</b>	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI

All Coriflex modules are supplied with 7 x 2.5 mm<sup>2</sup> through-wiring.

	double asymmetric distribution	asymmetric distribution	VDU-compliant (MRX)
<b>Code</b>	<b>DA</b>	<b>A</b>	<b>MRX</b>
<b>Protection rating</b>	IP40	IP40	IP40
<b>Connected load</b>	58 W (at 5500 lm) 42 W (at 4000 lm) 37 W (at 3500 lm)	58 W (at 5500 lm) 42 W (at 4000 lm) 37 W (at 3500 lm)	52 W (at 5500 lm) 33 W (at 3500 lm)
<b>Luminous flux</b>	5500 lm 4000 lm 3500 lm	5500 lm 4000 lm 3500 lm	5500 lm 3500 lm
<b>Colour rendering/ Colour temperature</b>	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)
<b>Ballasts</b>	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable
<b>Service life</b>	50,000 h, L80/B10, ta 35°C	50,000 h, L80/B10, ta 35°C	50,000 h, L80/B10, ta 35°C
<b>Colour</b>	white – 01 silver – 03 anthracite – I2	white – 01 silver – 03 anthracite – I2	white – 01 silver – 03 anthracite – I2
<b>Weight</b>	without emergency light: 4.5 kg with emergency light EB: 6.5 kg with emergency light UR: 4.9 kg	without emergency light: 5.7 kg	without emergency light/direct: 4.5 kg without emergency light/direct/indirect: 4.9 kg
<b>Certification</b>	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI

All Coriflex modules are supplied with 7 x 2.5 mm<sup>2</sup> through-wiring.

## Maximum number of gear trays per circuit for various automatic circuitbreakers

Cable cross-section (feed)	Fusing	Automatic circuitbreaker	No. of devices on one circuit*
2.5 mm <sup>2</sup>	16 A	Type B	20 pieces
2.5 mm <sup>2</sup>	16 A	Type C	32 pieces
1.5 mm <sup>2</sup>	10 A	Type B	12 pieces
1.5 mm <sup>2</sup>	10 A	Type C	20 pieces

\*if the permissible number of modules is exceeded, the Coriflex VS accessory must be used for supplementary central infeed – see page 177.

## Planning notes / Material summary

Continuous line length	Modules	Start module - optionally:		Central module - optionally:		End module - optionally:		Fixing points
		E – start or single module	E BL – first or dummy section single module	E 3PH – first or single module with integrated 3-circuit track	LM – continuous line central or end luminaire	LM BL – continuous line central or dummy section end module	LM 3PH – central or end module with integrated 3-circuit track	
m	Number	Pieces		Pieces		Pieces		Number
1.13	1	1		-		-		2
2.26	2	1		-		1		2
3.39	3	1		1		1		3
4.52	4	1		2		1		3
5.65	5	1		3		1		3
6.78	6	1		4		1		4
7.91	7	1		5		1		4
9.04	8	1		6		1		4
10.17	9	1		7		1		5
11.30	10	1		8		1		5
12.43	11	1		9		1		6
13.56	12	1		10		1		6
14.69	13	1		11		1		6
15.85	14	1		12		1		7
16.95	15	1		13		1		7
18.08	16	1		14		1		7
19.21	17	1		15		1		8
20.34	18	1		16		1		8
21.47	19	1		17		1		9
22.60	20	1		18		1		9

## BELVISO S LED

FREE-STANDING  
LED LUMINAIRES  
WITH MICROPRISMS





## FREE-STANDING LED LUMINAIRE WITH INDIVIDUAL ROOM LIGHT

- The functional unit for indirect LED light is purposefully separated from the direct light.
- The indirect, LED spot with 30° pivoting provides individually settable room lighting.
- Perfect illumination of the direct light emission for harmonious light appearances.
- The Belviso Set illuminates twin workstations compliant to standards.
- Intelligently attached rollers help with changes in location.



> 50,000 h



switchable and dimmable (1...10 V)



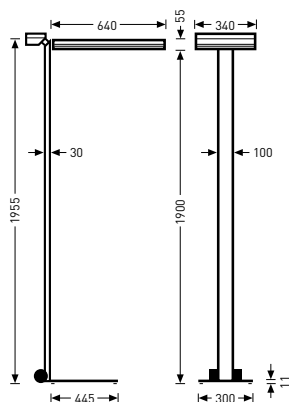
Wireless radio luminaire grouping,  
PIR motion sensor


LED spot steplessly  
pivorable through 30°

Intelligently attached rollers



## Free-standing LED luminaire with microprisms



Reference <sup>1)</sup>	TOC	...ETDS	...ETD		EEC	W	≈kg
White, LED							
• <b>Belviso S CDP LED 9400 nw...01</b>	64 377...	...58	...57	9400 lm	A++/A+/A	100	17.5
Silver-grey, LED							
<b>Belviso S CDP LED 9400 nw...03</b>	64 376...	...58	...57	9400 lm	A++/A+/A	100	17.5

<sup>1)</sup>All ...ETDS versions with integrated ...+RF wireless system

• IK02/0.2 J 650 °C



## OFFSET S

FREE-STANDING LUMINAIRES  
WITH 2-PART LUMINAIRE  
HEAD





## A GOOD IDEA NEEDS CLARITY WITHOUT COMPROMISES

- Typified by concise forms, lines and edges.
- Adjustable luminaire heads enable the design of individual interiors and lighting.
- All-round frame profile of extruded aluminium with precise joints.



switchable and dimmable (1...10 V)



Wireless radio luminaire grouping,  
PIR motion sensor

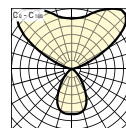
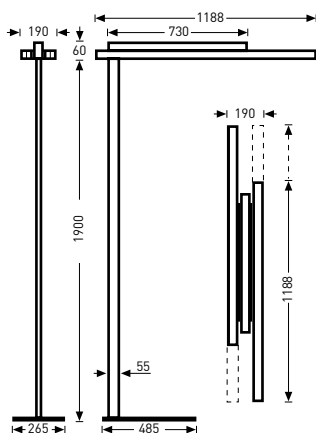
Integrated radio system



Base



## Free-standing luminaires with CDP fine-prism structure

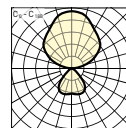
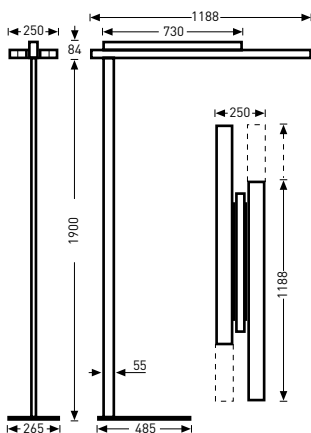


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	≈kg
• <b>Offset S1 CDP 228/54...</b>	52 796...	...08	...05	2 x 28/54	A+/A/B/C	19.0

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 850 °C

## Free-standing luminaires with CDP fine-prism structure

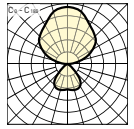
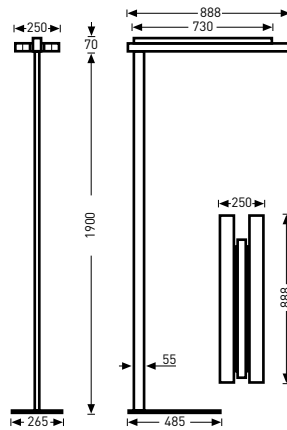


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	≈kg
• <b>Offset S1 CDP 428/54...</b>	52 797...	...08	...05	4 x 28/54	A+/A/B/C	20.0

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 850 °C

## Free-standing luminaires with CDP fine-prism structure

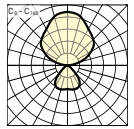
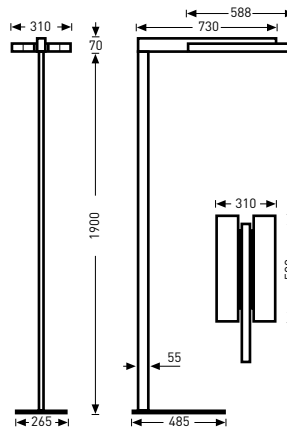


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	=kg
• <b>Offset S2 CDP 421/39...</b>	52 800...	...08	...05	4 x 21/39	A+/A	19.0

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 960 °C

## Free-standing luminaires with CDP fine-prism structure

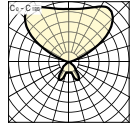
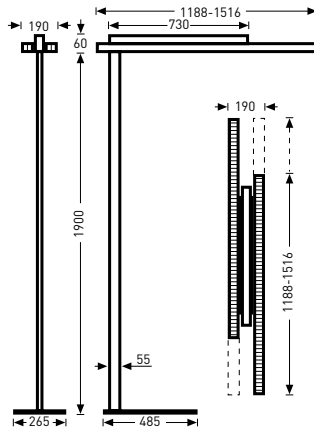


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	=kg
• <b>Offset S2 CDP 455...</b>	45 956...	...08	...05	4 x TC-L 55	A+/A	18.5

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 850 °C

## Free-standing luminaires with UXP-AD ultra-low cross-section workzone louvre

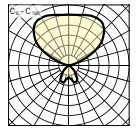
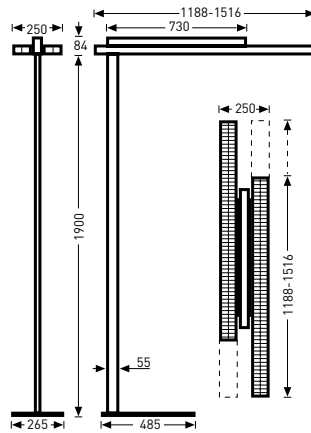


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	≈kg
• <b>Offset S1 UXP-AD 228/54...</b>	52 798...	...08	...05	2 x 28/54	A+/A/B/C	19.0

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 960 °C

## Free-standing luminaires with UXP-AD ultra-low cross-section workzone louvre

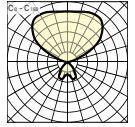
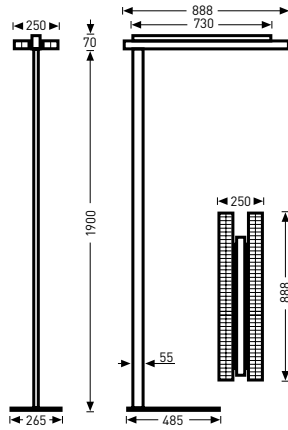


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	≈kg
• <b>Offset S1 UXP-AD 428/54...</b>	52 799...	...08	...05	4 x 28/54	A+/A/B/C	20.0

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 960 °C

## Free-standing luminaires with UXP-AD ultra-low cross-section workzone louvre

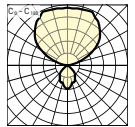
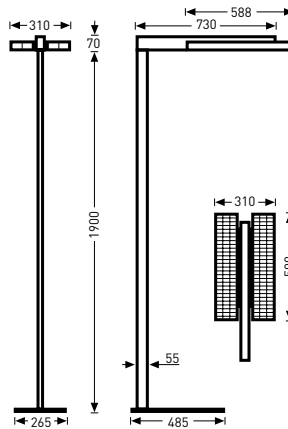


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	=kg
• <b>Offset S2 UXP-AD 421/39...</b>	52 801...	...08	...05	4 x 21/39	A+/A	19.0

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

• IK04/0.5 J 850 °C

## Free-standing luminaires with UXP-AD ultra-low cross-section workzone louvre

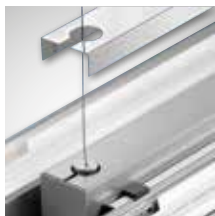


Reference <sup>1)</sup>	TOC	...EDS	...ED		EEC	=kg
• <b>Offset S2 UXP-AD 455...</b>	45 958...	...08	...05	4 x TC-L 55	A+/A	19.5

<sup>1)</sup>All ...EDS versions with integrated ...+RF wireless system

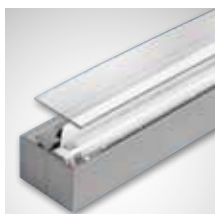
• IK04/0.5 J 960 °C

## Luminance reduction profiles



Reference	TOC	Accessory description	≈kg
<b>Offset ZLR 254</b>	45 924 00	Luminance reduction profiles for Offset S1...428/54, 1 piece each required	0.1
<b>Offset ZLR 439</b>	45 923 00	Luminance reduction profile for Offset S2...421/39..., 1 piece each required	0.1
<b>Offset ZLR 454</b>	45 921 00	Luminance reduction profiles for Offset for S1...428/54, 1 piece each required	0.1

## Luminaire covers



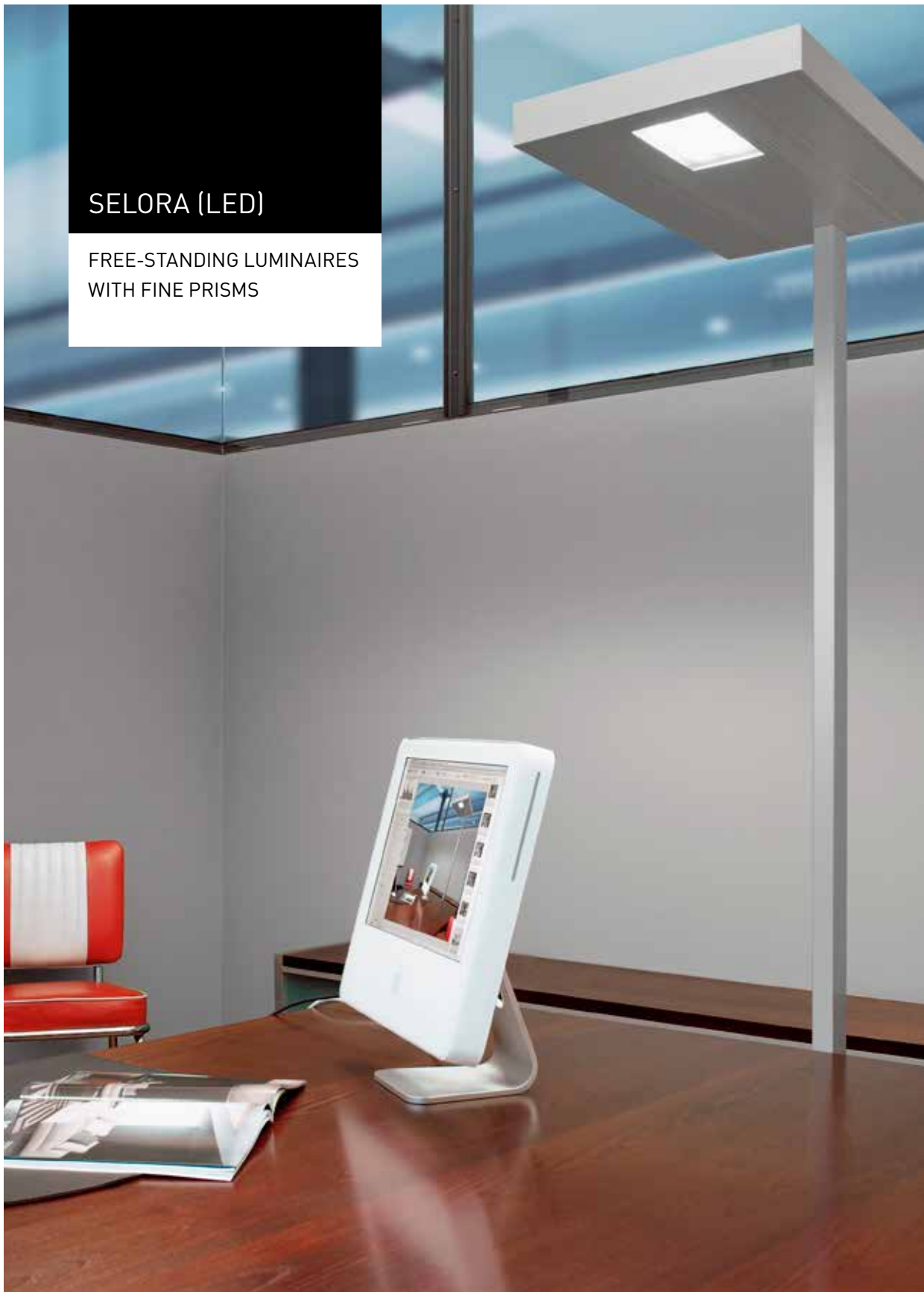
Reference	TOC	Accessory description	≈kg
<b>Offset ZA 154<sup>1)</sup></b>	45 929 00	Luminaire cover for Offset W2 CDP 128/54 or S1...228/54, 2 pieces each required	0.3
<b>Offset ZA 239</b>	45 927 00	Luminaire cover for Offset S2...421/39..., 2 pieces each required	0.3
<b>Offset ZA 254</b>	45 926 00	Luminaire cover for Offset S1...428/54, 2 pieces each required	0.4

<sup>1)</sup>2 pieces required for each, with --W2 CDP-- only 1 piece



## SELORA (LED)

FREE-STANDING LUMINAIRES  
WITH FINE PRISMS





## INDIVIDUAL ROOM LIGHT FOR ATTRACTIVE OFFICE LIGHTING

- High indirect components ensure wide light distribution and a pleasant light appearance.
- High efficiency and intelligent sensors cut energy costs.
- Two different beam characteristics enable lighting design according to individual needs.



> 50,000 h



switchable and dimmable (1...10 V), switchable

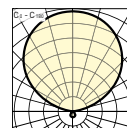
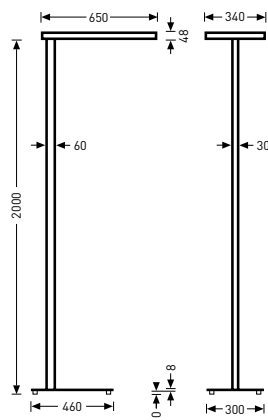


PIR motion sensor

Base



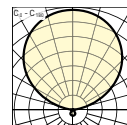
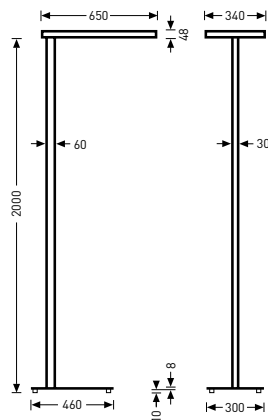
## LED free-standing luminaires, direct-indirect distribution



Reference	TOC	...ETD		EEC	W	≈kg
• Selora S CDP LED 12000-840...03	65 722...	...57	12500 lm	A++/A+/A	122	17.4
Selora S CDP LED 14000-840...03	65 723...	...57	14000 lm	A++/A+/A	127	17.6

• IK02/0.2 J 850 °C

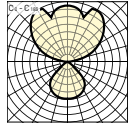
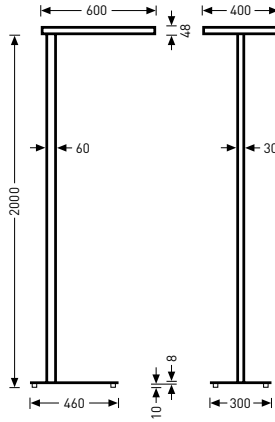
## LED free-standing luminaires, direct-indirect distribution, with daylight and presence sensor



Reference	TOC	...ETDS		EEC	W	≈kg
• Selora S CDP LED 12000-840...03	64 468...	...58	12500 lm	A++/A+/A	122	17.4
Selora S CDP LED 14000-840...03	64 469...	...58	14000 lm	A++/A+/A	127	17.6

• IK02/0.2 J 850 °C

## Free-standing luminaires, direct-indirect distribution



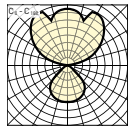
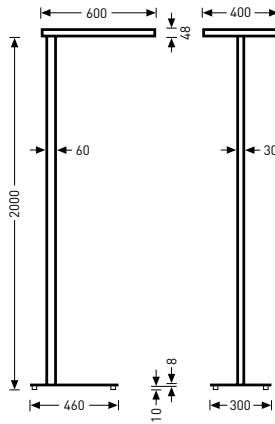
⊕ Ⓜ CE IP20

Reference <sup>1)</sup>	TOC	...E		EEC	=kg
• Selora S CDP 4TCL55...	60 487...	...04	4 x TC-L 55	A+/A	18.0

<sup>1)</sup>Luminaire supplied with country-specific safety plug

• IK02/0.2 J 850 °C

## Free-standing luminaires, direct-indirect distribution, with daylight and presence sensor




⊕ Ⓜ CE IP20

Reference <sup>1)</sup>	TOC	...EDS		EEC	=kg
• Selora S CDP 4TCL55...	60 487...	...08	4 x TC-L 55	A+/A	18.0

<sup>1)</sup>Luminaire supplied with country-specific safety plug

• IK02/0.2 J 850 °C

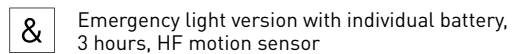
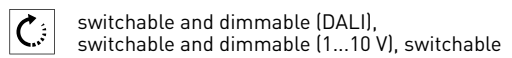
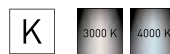
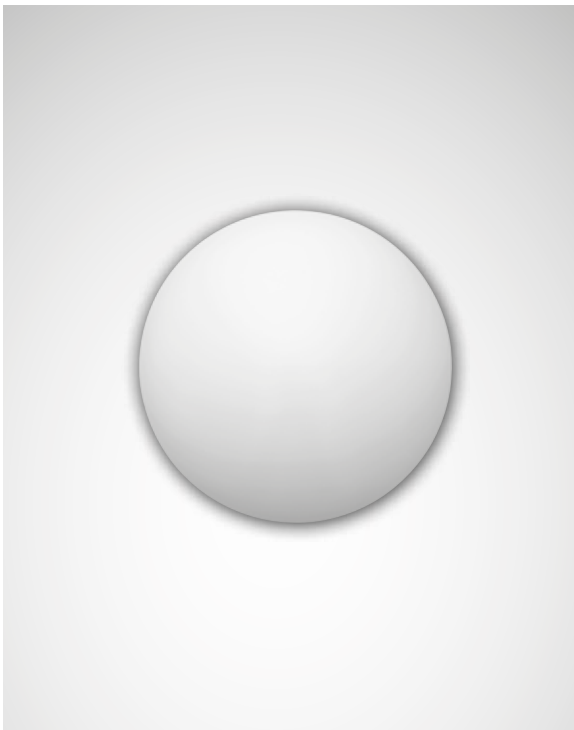


SERIES 740...N... (LED)

CLASSIC ROUND LUMINAIRES, OPAL

## A CLASSIC FORGES NEW PATHS

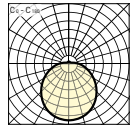
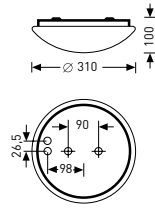
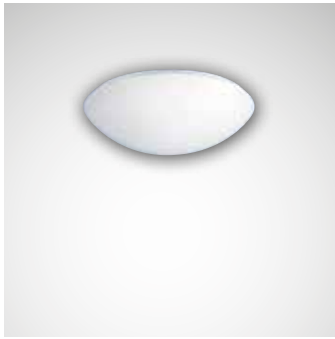
- The semi-circular opal functional diffuser ensures soft, completely harmonious light.
- The luminaire can be used with high flexibility indoors (wall or ceiling surface-mounting).
- Many decorative attachments allow different appearances both in form and colour.
- Long maintenance cycles and reduced energy consumption significantly cut operating costs.
- Two separately switchable LED systems enable stepped switching for night-time reduction of lighting in traffic zones.



### Decorative ceiling rings



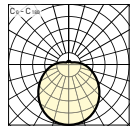
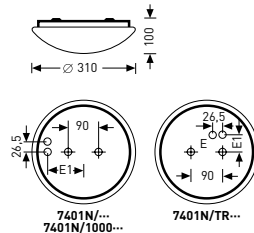
## Round surface-mounted LED luminaires with opal PMMA diffuser



Reference	TOC	...ET		EEC	W	≈kg
• 7401N G2 LED 1000-830...	63 749...	...40	950 lm	A++/A+/A	10	1.2
7401N G2 LED 1000-840...	63 750...	...40	1000 lm	A++/A+/A	10	1.2

• IK03/0.35 J 650 °C

## Round surface-mounted luminaires with opal PMMA diffuser



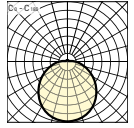
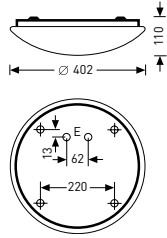
E1: 64/22W, 98/9W/13W/60W/LED



Reference	TOC	...E	Netz		EEC	≈kg
• 7401N/2xTC9...	12 621...	...04	-	2 x TC-SEL 9	A	1.1
7401N/2xTCD13...	12 622...	...04	-	2 x TC-DEL 13	A	1.1
7401N/E27 max 60W	12 623...	-	...10	1 x E27 60	E	0.8
7401N/TR22...	12 624...	...04	-	1 x T-R 22	A	1.0
7401N PC-ATL/2xTC9...	48 858...	...04	-	2 x TC-SEL 9	A	1.1
7401N PC-ATL/2xTCD13...	48 857...	...04	-	2 x TC-DEL 13	A	1.1

• IK03/0.35 J 650 °C

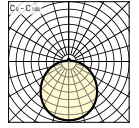
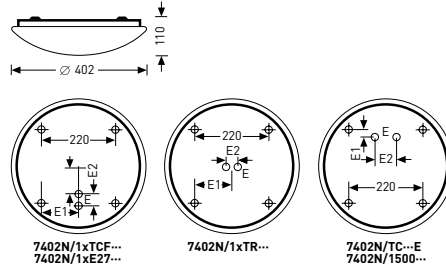
## Round surface-mounted LED luminaires with opal PMMA diffuser



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• 7402N G2 LED 1800-830...	63 751...	...51	...40	1800 lm	A++/A+/A	20	2.1
7402N G2 LED 1800-830...+HFS	63 753...	-	...40	1800 lm	A++/A+/A	20	2.2
7402N G2 LED 1800-830...EB3H	63 754...	-	...40	1800 lm	A++/A+/A	18	2.1
7402N G2 LED 1800-840...	63 755...	...51	...40	1900 lm	A++/A+/A	20	2.3
7402N G2 LED 1800-840...+HFS	63 757...	-	...40	1900 lm	A++/A+/A	20	2.2
7402N G2 LED 1800-840...EB3H	63 758...	-	...40	1900 lm	A++/A+/A	18	2.1
7402N G2-BS LED 1600-830...	63 752...	-	...40	1600 lm	A++/A+/A	18	2.1
7402N G2-BS LED 1600-840...	63 756...	-	...40	1700 lm	A++/A+/A	18	2.2

• IK03/0.35 J 650 °C

## Round surface-mounted luminaires with opal PMMA diffuser



E1: 13/11W/18W/LED, 110/27W/36W/40W  
E2: 26,5/27W/36W/40W, 62/11W/18W/LED

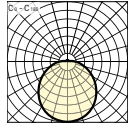
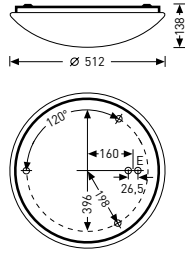



Reference	TOC	...ED	...E	Netz		EEC	≈kg
• 7402N/1xTCF36...	12 631...	-	...04	-	1 x TC-F 36	A	1.6
7402N/1xE27 60W	34 791...	-	-	...10	1 x E27 60	E	1.8
7402N/1xTR40...	12 632...	-	...04	-	1 x T-R 40	A+/A	1.6
7402N/TC11...	12 633...	-	...04	-	2 x TC-SEL 11	A	2.1
7402N/TC18...1Lp EB3h-HRN/3 Si	48 032...	-	...04	-	2 x TC-L 18	A	2.7
7402N/TC18...	12 635...	...05	...04	-	2 x TC-L 18	A	1.9
7402N/TC18...+HFS	60 208...	-	...04	-	2 x TC-L 18	A	1.9
7402 PC-ATL/1xTCF36...	51 775...	-	...04	-	1 x TC-F 36	A	2.5

• IK03/0.35 J 650 °C



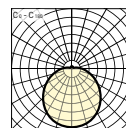
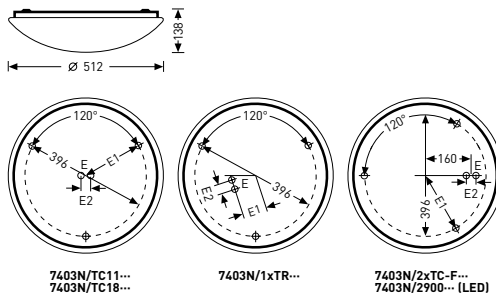
## Round surface-mounted LED luminaires with opal PMMA diffuser



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• 7403N G2 LED 3300-830...	63 759...	...51	...40	3200 lm	A++/A+/A	33	3.5
7403N G2 LED 3300-830...+HFS	63 761...	-	...40	3200 lm	A++/A+/A	33	3.6
7403N G2 LED 3300-830...EB3H	63 762...	-	...40	3200 lm	A++/A+/A	33	4.5
7403N G2 LED 3300-840...	63 763...	...51	...40	3400 lm	A++/A+/A	33	3.5
7403N G2 LED 3300-840...+HFS	63 765...	-	...40	3400 lm	A++/A+/A	33	3.6
7403N G2 LED 3300-840...EB3H	63 766...	-	...40	3400 lm	A++/A+/A	33	4.1
7403N G2-BS LED 3300-830...	63 760...	-	...40	3200 lm	A++/A+/A	33	3.5
7403N G2-BS LED 3300-840...	63 764...	-	...40	3400 lm	A++/A+/A	33	3.5

• IK03/0.35 J 650 °C

## Round surface-mounted luminaires with opal PMMA diffuser



E1: 77/22W/40W, 198/11W/18W/24W/36W/LED  
E2: 26,5



Reference	TOC	...ED	...E		EEC	≈kg
• 7403N/1xTR22+40...	12 647...	-	...04	1 x T-R 22 + 1 x T-R 40	A	2.3
7403N/2xTCF24...	12 648...	...05	...04	2 x TC-F 24	A	2.4
7403N/2xTCF36...EB3h-HRN/3	48 033...	-	...04	2 x TC-F 36	A	3.5
7403N/2xTCF36...	12 649...	...05	...04	2 x TC-F 36	A	2.4
7403N/2xTCF36...+HFS	60 209...	-	...04	2 x TC-F 36	A	2.4
7403N/TC11...	12 650...	-	...04	3 x TC-SEL 11	A	3.5
7403N/TC18...	12 652...	-	...04	3 x TC-L 18	A	3.3
7403 PC-ATL/2xTCF36...+TC9 Einf as	51 778...	-	...04	2 x TC-F 36 + TC-SEL 9	A	3.8
7403 PC-ATL/2xTCF36...Einf as	51 776...	-	...04	2 x TC-F 36	A	3.7

• IK03/0.35 J 650 °C

## Decorative ceiling rings



Reference	TOC	Accessory description	≈kg
07401 C	21 820 00	Decorative ceiling ring, anodised, Ø 349 mm, for 7401N...	0.2
07401 T	21 825 00	Decorative ceiling ring, titanium colour, Ø 349 mm, for 7401N...	0.2
07401 W	21 827 00	Decorative ceiling ring, white, Ø 349 mm, for 7401N...	0.5
07402 C	21 828 00	Decorative ceiling ring, anodised, Ø 450 mm, for 7402N...	0.2
07402 T	21 833 00	Decorative ceiling ring, titanium colour, Ø 450 mm, for 7402N...	0.2
07402 W	21 835 00	Decorative ceiling ring, white, Ø 450 mm, for 7402N...	0.6
07403 C	21 836 00	Decorative ceiling ring, anodised, Ø 561 mm, for 7403N...	0.2
07403 T	21 841 00	Decorative ceiling ring, titanium colour, Ø 561 mm, for 7403N...	0.2
07403 W	21 843 00	Decorative ceiling ring, white, Ø 561 mm, for 7403N...	0.7

**Decorative attachments**



Reference	TOC	Accessory description	≈kg
07401 ZQ 01	56 846 00	Decorative attachment, white, square, Ø 360 x 360 mm, for 7401N...	0.5
07401 ZQ 03	58 713 00	Decorative attachment, silver-grey, square, Ø 360 x 360 mm, for 7401N...	0.5
07401 ZQ 05	56 847 00	Decorative attachment, black, square, Ø 360 x 360 mm, for 7401N...	0.5
07402 ZQ 01	56 850 00	Decorative attachment, white, square, 470 x 470 mm, for 7402N...	0.5
07402 ZQ 03	58 714 00	Decorative attachment, silver-grey, square, 470 x 470 mm, for 7402N...	0.5
07402 ZQ 05	56 851 00	Decorative attachment, black, square, 470 x 470 mm, for 7402N...	0.5

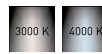
## DECA LED

CLASSIC SURFACE-MOUNTED  
LUMINAIRES, SQUARE



## HARMONY SQUARED

- Simple square design with lightweight, discreet appearance.
- Various system attachments for individual design and discreet upgrading.
- Matt decorative diffuser for uniform distribution of luminance.
- Harmonious and pleasant light that lends public spaces a homely character.
- Two separately switchable LED systems enable stepped switching for night-time reduction of lighting in traffic zones.



> 50,000 h



switchable and dimmable (DALI), switchable

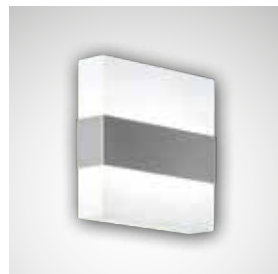


Emergency light version with individual battery, 3 hours, HF motion sensor

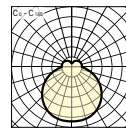
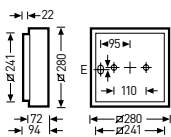
All-round profile frame



Aluminium shields



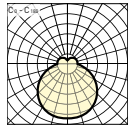
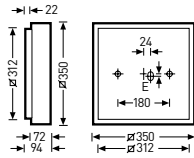
## Square wall and ceiling surface-mounted luminaires with opal diffuser, construction size 280 mm x 280 mm



Reference	TOC	...ET		EEC	W	≈kg
• Deca WD1 G2 LED 1000-830...	63 915...	...40	900 lm	A++/A+/A	10	1.6
Deca WD1 G2 LED 1000-830...PC	63 916...	...40	850 lm	A++/A+/A	10	1.6
Deca WD1 G2 LED 1000-840...	63 917...	...40	950 lm	A++/A+/A	10	1.6
Deca WD1 G2 LED 1000-840...PC	63 918...	...40	900 lm	A++/A+/A	10	1.6

• IK02/0.2 J 650 °C

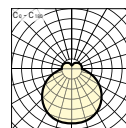
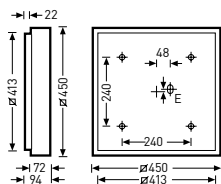
## Square wall and ceiling surface-mounted luminaires with opal diffuser, construction size 350 mm x 350 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• Deca WD2 G2 LED 1800-830...	63 919...	...51	...40	1800 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-830...+HFS	63 931...	-	...40	1800 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-830...+HFS PC	63 932...	-	...40	1700 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-830...EB3H	63 935...	-	...40	1800 lm	A++/A+/A	23	3.3
Deca WD2 G2 LED 1800-830...EB3H PC	63 936...	-	...40	1700 lm	A++/A+/A	23	3.3
Deca WD2 G2 LED 1800-830...PC	63 920...	...51	...40	1700 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-840...	63 921...	...51	...40	1900 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-840...+HFS	63 933...	-	...40	1900 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-840...+HFS PC	63 934...	-	...40	1800 lm	A++/A+/A	19	2.8
Deca WD2 G2 LED 1800-840...EB3H	63 937...	-	...40	1900 lm	A++/A+/A	23	3.3
Deca WD2 G2 LED 1800-840...EB3H PC	63 938...	-	...40	1800 lm	A++/A+/A	23	3.3
Deca WD2 G2 LED 1800-840...PC	63 922...	...51	...40	1800 lm	A++/A+/A	19	2.8
Deca WD2 G2-BS LED 1800-830...	63 927...	-	...40	1800 lm	A++/A+/A	19	2.7
Deca WD2 G2-BS LED 1800-830...PC	63 928...	-	...40	1700 lm	A++/A+/A	19	2.7
Deca WD2 G2-BS LED 1800-840...	63 929...	-	...40	1900 lm	A++/A+/A	19	2.7
Deca WD2 G2-BS LED 1800-840...PC	63 930...	-	...40	1800 lm	A++/A+/A	19	2.7

• IK02/0.2 J 650 °C

## Square wall and ceiling surface-mounted luminaires with opal diffuser, construction size 450 mm x 450 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Deca WD3 G2 LED 3300-830...	63 923...	...51	...40	2900 lm	A++/A+/A	33	4.2
Deca WD3 G2 LED 3300-830...+HFS	63 943...	-	...40	2900 lm	A++/A+/A	33	4.3
Deca WD3 G2 LED 3300-830...+HFS PC	63 944...	-	...40	2800 lm	A++/A+/A	33	4.3
Deca WD3 G2 LED 3300-830...EB3H	63 947...	-	...40	2900 lm	A++/A+/A	36	4.8
Deca WD3 G2 LED 3300-830...EB3H PC	63 948...	-	...40	2800 lm	A++/A+/A	36	4.8
Deca WD3 G2 LED 3300-830...PC	63 924...	...51	...40	2800 lm	A++/A+/A	33	4.2
Deca WD3 G2 LED 3300-840...	63 925...	...51	...40	3100 lm	A++/A+/A	33	4.2
Deca WD3 G2 LED 3300-840...+HFS	63 945...	-	...40	3100 lm	A++/A+/A	33	4.3
Deca WD3 G2 LED 3300-840...+HFS PC	63 946...	-	...40	3000 lm	A++/A+/A	33	4.3
Deca WD3 G2 LED 3300-840...EB3H	63 949...	-	...40	3100 lm	A++/A+/A	36	4.8
Deca WD3 G2 LED 3300-840...EB3H PC	63 950...	-	...40	3000 lm	A++/A+/A	36	4.8
Deca WD3 G2 LED 3300-840...PC	63 926...	...51	...40	3000 lm	A++/A+/A	33	4.2
Deca WD3 G2-BS LED 3300-830...	63 939...	-	...40	2900 lm	A++/A+/A	33	4.2
Deca WD3 G2-BS LED 3300-830...PC	63 940...	-	...40	2800 lm	A++/A+/A	33	4.2
Deca WD3 G2-BS LED 3300-840...	63 941...	-	...40	3100 lm	A++/A+/A	33	4.2
Deca WD3 G2-BS LED 3300-840...PC	63 942...	-	...40	3000 lm	A++/A+/A	33	4.2

• IK02/0.2 J 650 °C

### Emergency light inserts



Reference	TOC	Accessory description	≈kg
Deca ZN0/E14 vp	52 220 00	Emergency light insert for Deca WD2 and WD3 (incl. Dulux EL FCY 10/827 E14 lamp)	0.3



**Shields**



Reference	TOC	Accessory description	=kg
<b>Deca WD1 ZBB 03</b>	50 967 00	Shield of aluminium, silver-grey, covers diffuser to 1/3, for Deca WD1... luminaire, 1 piece	0.3
<b>Deca WD1 ZBS 03</b>	50 968 00	Shield of aluminium, silver-grey, covers diffuser to 1/6, for Deca WD1... luminaire, 1 pair	0.3
<b>Deca WD2 ZBB 03</b>	50 974 00	Shield of aluminium, silver-grey, covers diffuser to 1/3, for Deca WD2... luminaire, 1 piece	0.3
<b>Deca WD2 ZBS 03</b>	50 975 00	Shield of aluminium, silver-grey, covers diffuser to 1/6, for Deca WD2... luminaire, 1 pair	0.3
<b>Deca WD3 ZBB 03</b>	50 981 00	Shield of aluminium, silver-grey, covers diffuser to 1/3, for Deca WD3... luminaire, 1 piece	0.6
<b>Deca WD3 ZBS 03</b>	50 982 00	Shield of aluminium, silver-grey, covers diffuser to 1/6, for Deca WD3... luminaire, 1 pair	0.6

**Wall brackets**



Reference	TOC	Accessory description	=kg
<b>Deca WD1 ZW 03</b>	50 969 00	Wall bracket of polyurethane, silver-grey, for Deca WD1... luminaire, 1 piece	0.6
<b>Deca WD2 ZW 03</b>	50 976 00	Wall bracket of polyurethane, silver-grey, for Deca WD2... luminaire, 1 piece	0.8

**Spacer frames**



Reference	TOC	Accessory description	=kg
<b>Deca WD1 ZD 03</b>	50 966 00	Spacer frame of polyurethane, silver-grey, for Deca WD1... luminaire, 1 piece	0.2
<b>Deca WD2 ZD 03</b>	50 973 00	Spacer frame of polyurethane, silver-grey, for Deca WD2... luminaire, 1 piece	0.3
<b>Deca WD3 ZD 03</b>	50 980 00	Spacer frame of polyurethane, silver-grey, for Deca WD3... luminaire, 1 piece	0.4

### All-round profile frames



Reference	TOC	Accessory description	≈kg
Deca WD1 ZP 03	50 963 00	Profile frame of polyurethane, all-round, silver-grey, for Deca WD1... luminaire, 1 piece	1.0
Deca WD2 ZP 03	50 970 00	Profile frame of polyurethane, all-round, silver-grey, for Deca WD2... luminaire, 1 piece	1.2
Deca WD3 ZP 03	50 977 00	Profile frame of polyurethane, all-round, silver-grey, for Deca WD3... luminaire, 1 piece	1.5

### Profile frames, wedge-shaped



Reference	TOC	Accessory description	≈kg
Deca WD1 ZPK 03	50 965 00	Profile frame of polyurethane, wedge-shaped, silver-grey, for Deca WD1... luminaire, 1 piece	0.7
Deca WD2 ZPK 03	50 972 00	Profile frame of polyurethane, wedge-shaped, silver-grey, for Deca WD2... luminaire, 1 piece	0.8
Deca WD3 ZPK 03	50 979 00	Profile frame of polyurethane, wedge-shaped, silver-grey, for Deca WD3... luminaire, 1 piece	1.0

### Profile frames, open on one side

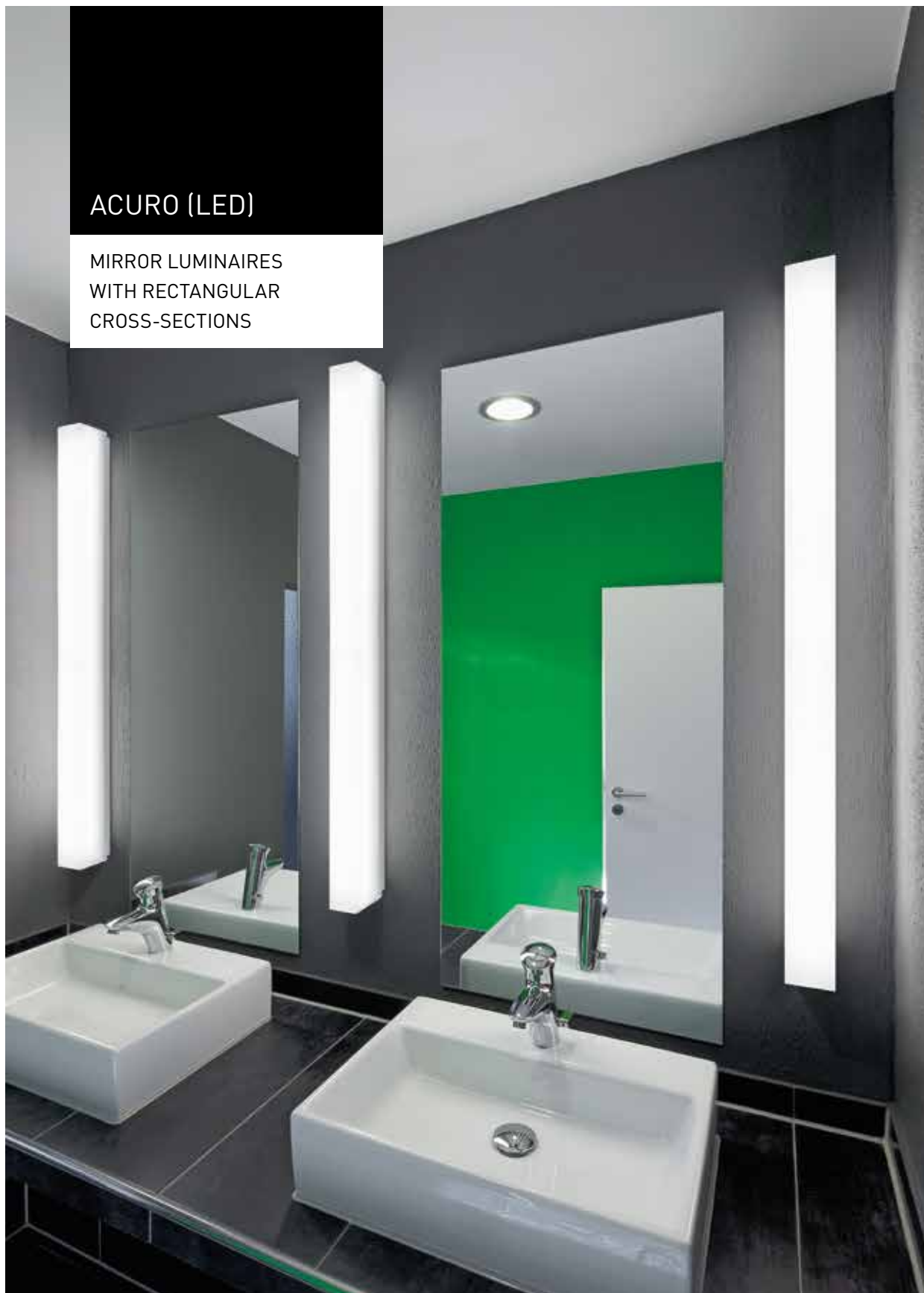


Reference	TOC	Accessory description	≈kg
Deca WD1 ZPA 03	50 964 00	Profile frame of polyurethane, open on one side, silver-grey, for Deca WD1... luminaire, 1 piece	0.8
Deca WD2 ZPA 03	50 971 00	Profile frame of polyurethane, open on one side, silver-grey, for Deca WD2... luminaire, 1 piece	0.9
Deca WD3 ZPA 03	50 978 00	Profile frame of polyurethane, open on one side, silver-grey, for Deca WD3... luminaire, 1 piece	1.2



## ACURO (LED)

MIRROR LUMINAIRES  
WITH RECTANGULAR  
CROSS-SECTIONS



## SET IN THE RIGHT LIGHT

- A calm appearance via all-round diffuser with recessed end caps.
- Soft light in complete harmony via fine-structure opal diffuser.
- Simple positioning / alignment of the luminaire to the mirror.
- Unlimited use in installation zone 2 in sanitary facilities.



> 50,000 h

switchable and dimmable (DALI), switchable

Light management system with day/night rhythm and white-white control

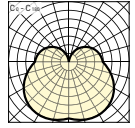
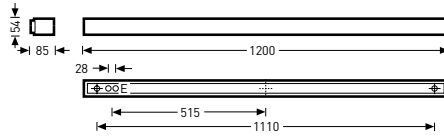
Elegant and filigree



Individual solutions



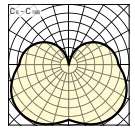
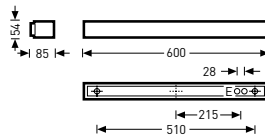
## Wall-mounted mirror luminaires with higher protection rating, with opal cover for supporting the natural day/night rhythm



Reference	TOC	...ETDD		EEC	W	≈kg
• Acuro Active LED 2000...+TLM 01	60 656...	...51	2900 lm	A++/A+/A	40	3.3
Acuro Active LED 2000...01	60 655...	...51	2900 lm	A++/A+/A	40	3.2

• IK02/0.2 J 650 °C

## Surface-mounted luminaires and wall-mounted mirror luminaires, with higher protection, with opal cover

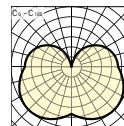
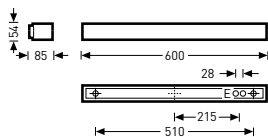
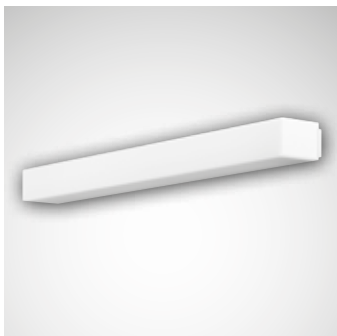


Reference <sup>1)</sup>	TOC	...ET		EEC	W	≈kg
• Acuro LED 1000 nw...01	60 648...	...40	1200 lm	A++/A+/A	14	1.4
Acuro LED 1000 ww...01	60 641...	...40	1100 lm	A++/A+/A	14	1.4

<sup>1)</sup>HFS version on request

• IK02/0.2 J 650 °C

## Surface-mounted luminaires and wall-mounted mirror luminaires, with higher protection, with opal cover

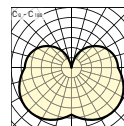
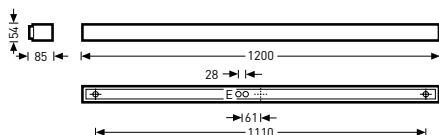


Reference <sup>1)</sup>	TOC	...E		EEC	=kg
• Acuro 114...01	60 371...	...04	1 x 14	A+/A/B	1.3
Acuro 114...01 PC	60 372...	...04	1 x 14	A+/A/B	1.3

<sup>1)</sup>HFS version on request

• IK02/0.2 J 650 °C

## Surface-mounted luminaires and wall-mounted mirror luminaires, with higher protection, with opal cover

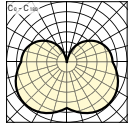
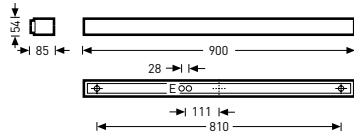


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
• Acuro 128...01	60 373...	...07	...04	1 x 28	A+/A/B	2.7

<sup>1)</sup>HFS version on request

• IK02/0.2 J 650 °C

## Surface-mounted luminaires and wall-mounted mirror luminaires, with higher protection, with opal cover

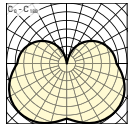
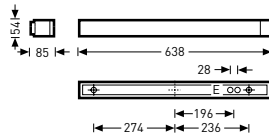


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
• Acuro 139...01	60 374...	...07	...04	1 x 39	A+	1.9

<sup>1)</sup> HFS version on request

• IK02/0.2 J 650 °C

## Wall-mounted mirror luminaires with higher protection rating with opal cover and integrated push button switch

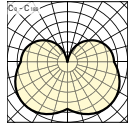
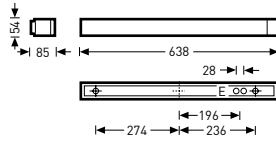


Reference	TOC	...ET		EEC	W	≈kg
• Acuro S LED 1000 nw...01	60 650...	...40	1200 lm	A++/A+/A	14	1.5
Acuro S LED 1000 ww...01	60 643...	...40	1100 lm	A++/A+/A	14	1.5

• IK02/0.2 J 650 °C



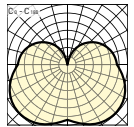
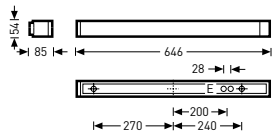
## Wall-mounted mirror luminaires with higher protection rating with opal cover and integrated push button switch



Reference	TOC	...E		EEC	=kg
• Acuro S 114...01	60 379...	...04	1 x 14	A+/A/B	1.3
Acuro S 114...01 PC	60 380...	...04	1 x 14	A+/A/B	1.3

• IK02/0.2 J 650 °C

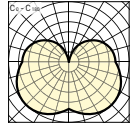
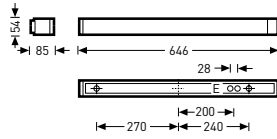
## Wall-mounted mirror luminaires with higher protection rating with opal cover and integrated push button switch, chrome-plated end cap



Reference	TOC	...ET		EEC	W	=kg
• Acuro S LED 1000 nw...04	60 653...	...40	1200 lm	A++/A+/A	14	1.5
Acuro S LED 1000 ww...04	60 646...	...40	1100 lm	A++/A+/A	14	1.5

• IK02/0.2 J 650 °C

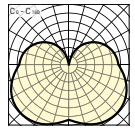
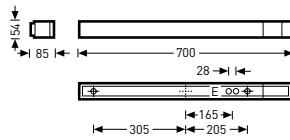
## Wall-mounted mirror luminaires with higher protection rating with opal cover and integrated push button switch, chrome-plated end cap



Reference	TOC	...E		EEC	≈kg
• Acuro S 114...04	60 385...	...04	1 x 14	A+/A/B	1.3
Acuro S 114...04 PC	60 386...	...04	1 x 14	A+/A/B	1.3

• IK02/0.2 J 650 °C

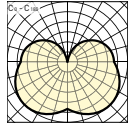
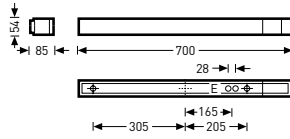
## Wall-mounted mirror luminaires with opal cover, with integral safety socket and push button switch



Reference	TOC	...ET		EEC	W	≈kg
• Acuro St LED1000 nw...01	60 649...	...40	1200 lm	A++/A+/A	14	1.7
Acuro St LED 1000 ww...01	60 642...	...40	1100 lm	A++/A+/A	14	1.7
Acuro St-S LED 1000 nw...01	60 651...	...40	1200 lm	A++/A+/A	14	1.7
Acuro St-S LED 1000 ww...01	60 644...	...40	1100 lm	A++/A+/A	14	1.7

• IK02/0.2 J 650 °C

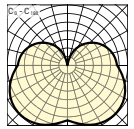
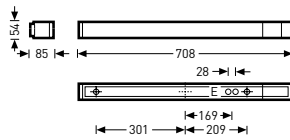
## Wall-mounted mirror luminaires with opal cover, with integral safety socket and push button switch



Reference	TOC	...E		EEC	=kg
• Acuro St 114...01	60 375...	...04	1 x 14	A+/A/B	1.5
Acuro St 114...01 PC	60 377...	...04	1 x 14	A+/A/B	1.5
Acuro St-S 114...01	60 376...	...04	1 x 14	A+/A/B	1.5
Acuro St-S 114...01 PC	60 378...	...04	1 x 14	A+/A/B	1.5

• IK02/0.2 J 650 °C

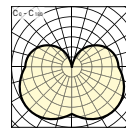
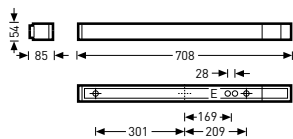
## Wall-mounted mirror luminaires with opal cover, with integral safety socket and push button switch, chrome-plated end cap




Reference	TOC	...ET		EEC	W	=kg
• Acuro St LED 1000 nw...04	60 652...	...40	1200 lm	A++/A+/A	14	1.7
Acuro St LED 1000 ww...04	60 645...	...40	1100 lm	A++/A+/A	14	1.7
Acuro St-S LED 1000 nw...04	60 654...	...40	1200 lm	A++/A+/A	14	1.7
Acuro St-S LED 1000 ww...04	60 647...	...40	1100 lm	A++/A+/A	14	1.7

• IK02/0.2 J 650 °C

Wall-mounted mirror luminaires with opal cover,  
with integral safety socket and push button switch, chrome-plated end cap



Reference	TOC	...E		EEC	≈kg
• Acuro St 114...04	60 381...	...04	1 x 14	A+/A/B	1.5
Acuro St 114...04 PC	60 383...	...04	1 x 14	A+/A/B	1.5
Acuro St-S 114...04	60 382...	...04	1 x 14	A+/A/B	1.5
Acuro St-S 114...04 PC	60 384...	...04	1 x 14	A+/A/B	1.5

• IK02/0.2 J 650 °C

## End caps

Reference	TOC	Accessory description	≈kg
Acuro ZKS 04	60 494 00	1 pair end caps of plastic, chrome-plated, mounted without tools	0.1



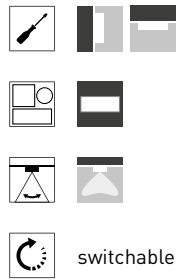
## SERIES 665...

T5 MIRROR LUMINAIRES  
AND SURFACE-MOUNTED  
LUMINAIRES



## HARMONIOUS LIGHT FOR ATTRACTIVE BATHROOM LIGHTING

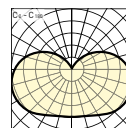
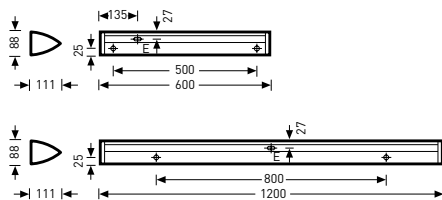
- Suitable for horizontal or vertical mounting to ceilings or walls.
- Length-optimised for tile and mirror dimensions.
- Functional design with flat end caps.



Plastic end cap in white  
or chrome design



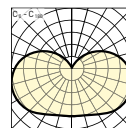
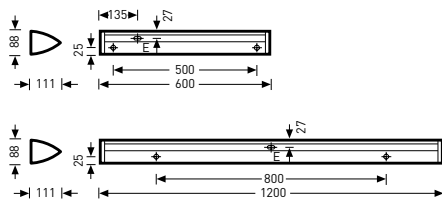
Wall luminaires and wall-mounted mirror luminaires with opal PMMA cover



Reference	TOC	...E		EEC	≈kg
• 6651/14...	12 372...	...04	1 x 14	A+/A/B	1.1
6651/28...	12 373...	...04	1 x 28	A+/A/B	1.8
6651 S/14...	12 378...	...04	1 x 14	A+/A/B	1.1
6651 S/28...	12 379...	...04	1 x 28	A+/A/B	1.8

• IK02/0.2 J 650 °C

Wall luminaires and wall-mounted mirror luminaires with opal PMMA cover, with chrome-design end caps



Reference	TOC	...E		EEC	≈kg
• 6651 C-S/14...	12 376...	...04	1 x 14	A+/A/B	1.1
6651 C-S/28...	12 377...	...04	1 x 28	A+/A/B	1.8
6651 C/14...	12 374...	...04	1 x 14	A+/A/B	1.1
6651 C/28...	12 375...	...04	1 x 28	A+/A/B	1.8

• IK02/0.2 J 650 °C





## OFFSET W

WALL LUMINAIRES  
WITH FINE PRISMS



## A GOOD IDEA NEEDS CLARITY WITHOUT COMPROMISES

- Typified by concise forms, lines and edges.
- Separate wall fixing element for rapid one-man mounting.
- All-round frame profile of extruded aluminium with precise joints.

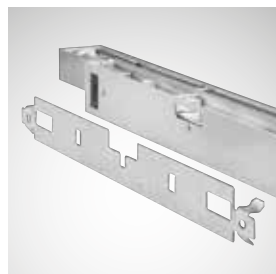


switchable and dimmable (DALI),  
switchable and dimmable (1...10 V), switchable

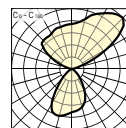
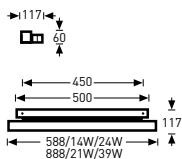
CDP fine-prisms



Simplified wall mounting



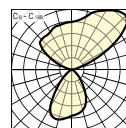
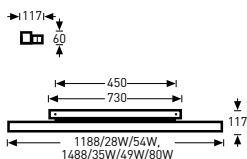
## Wall luminaires with CDP fine-prism structure



Reference	TOC	...EDD	...E		EEC	≈kg
• Offset W2 CDP 114/24...	52 789...	...07	...04	1 x 14/24	A+/A/B	2.5
Offset W2 CDP 121/39...	52 790...	...07	...04	1 x 21/39	A+/A	3.0

• IK04/0.5 J 850 °C

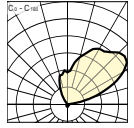
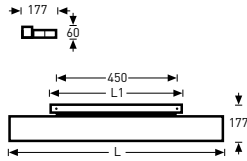
## Wall luminaires with CDP fine-prism structure



Reference	TOC	...EDD	...E		EEC	≈kg
• Offset W2 CDP 128/54...	52 791...	...07	...04	1 x 28/54	A+/A/B/C	4.1
Offset W2 CDP 135/49/80...	52 792...	...07	...04	1 x 35/49/80	A+/A/B/C	5.1

• IK04/0.5 J 850 °C

## Wall luminaires with RAX ceiling washer optic



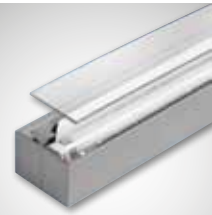
L: 888/21W/39W, 1188/28W/54W, 1488/35W/49W/80W  
L1: 500/21W/39W, 730/28W/35W/49W/54W/80W



Reference	TOC	...EDD	...ED	...E		EEC	=kg
• Offset W2 RAX 121/39...	52 793...	...07	-	...04	1 x 21/39	A+/A	3.5
Offset W2 RAX 128/54...	52 794...	...07	-	...04	1 x 28/54	A+/A/B/C	4.6
Offset W2 RAX 135/49/80...	52 795...	...07	...05	...04	1 x 35/49/80	A+/A/B/C	5.6

• IK04/0.5 J 850 °C

### Luminaire covers



Reference	TOC	Accessory description	=kg
Offset ZA 124 <sup>1)</sup>	45 932 00	Luminaire cover for Offset W2 CDP 114/24...	0.1
Offset ZA 135 <sup>2)</sup>	45 931 00	Luminaire cover for Offset W2 CDP 135/49/80...	0.4
Offset ZA 139 <sup>1)</sup>	45 930 00	Luminaire cover for Offset W2 CDP 121/39...	0.1
Offset ZA 154 <sup>2)</sup>	45 929 00	Luminaire cover for Offset W2 CDP 128/54 or S1...228/54, 2 pieces each required	0.3

<sup>1)</sup> 1 piece each required

<sup>2)</sup> 2 pieces required for each, with ...W2 CDP... only 1 piece

SANESCA LED

LED WALL LUMINAIRE





## LIGHT AND SIMPLICITY FOR THE CARE SECTOR

- Can be used as a pure wall luminaire or with function module above the patient bed.
- Modular design enables the integration of sockets, data modules, nurse call function and other functions.
- Human Centric Lighting, combined with reliable product quality ensure application-compliant illumination, with high well-being and health factor.
- An ideal energy and cost-efficient lighting solution for the easy care sector.



> 50,000 h



switchable and dimmable (DALI), switchable



White-white control

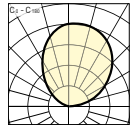
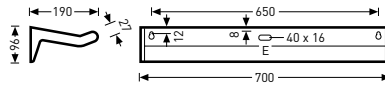
Maximum flexibility  
and functionality



General and reading light



## LED wall luminaires with indirect light distribution

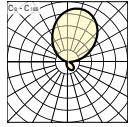
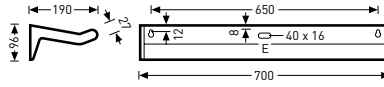


Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White							
• Sanesca W1 LED 2000-830...01	63 718...	...51	...40	1900 lm	A++/A+/A	20	3.9
Sanesca W1 LED 2000-840...01	63 372...	...51	...40	2000 lm	A++/A+/A	20	3.9
Silver-grey							
Sanesca W1 LED 2000-830...03	63 719...	...51	...40	1900 lm	A++/A+/A	20	3.9
Sanesca W1 LED 2000-840...03	63 373...	...51	...40	2000 lm	A++/A+/A	20	3.9

• IK02/0.2 J 650 °C



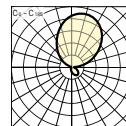
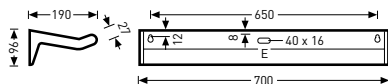
## LED wall luminaires with indirect-direct light distribution



Reference	TOC	...ETDD	...ET		EEC	W	=kg
White, LED for colour temperature-adjustable lighting							
• SanescaAct W2 4600...830 01	64 480...	...51	-	4600 lm	A++/A+/A	40	4.7
SanescaAct W2 4600...840 01	64 481...	...51	-	4600 lm	A++/A+/A	40	4.7
White, LED							
Sanesca W2 LED 2600-830...01	63 374...	...51	...40	2500 lm	A++/A+/A	26	3.9
Sanesca W2 LED 2600-840...01	63 375...	...51	...40	2600 lm	A++/A+/A	26	3.9
Sanesca W2 LED 4600-830...01	63 360...	...51	...40	4600 lm	A++/A+/A	48	3.9
Sanesca W2 LED 4600-840...01	63 361...	...51	...40	4800 lm	A++/A+/A	48	3.9
Silver-grey, LED for colour temperature-adjustable lighting							
SanescaAct W2 4600...830 03	64 482...	...51	-	4600 lm	A++/A+/A	40	4.7
SanescaAct W2 4600...840 03	64 483...	...51	-	4600 lm	A++/A+/A	40	4.7
Silver-grey, LED							
Sanesca W2 LED 2600-830...03	63 376...	...51	...40	2500 lm	A++/A+/A	26	3.9
Sanesca W2 LED 2600-840...03	63 377...	...51	...40	2600 lm	A++/A+/A	26	3.9
Sanesca W2 LED 4600-830...03	63 362...	...51	...40	4600 lm	A++/A+/A	48	3.9
Sanesca W2 LED 4600-840...03	63 363...	...51	...40	4800 lm	A++/A+/A	48	3.9

• IK02/0.2 J 650 °C

## LED wall luminaires with indirect light distribution (room and night-light) and direct light distribution (reading light)

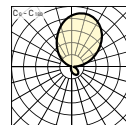
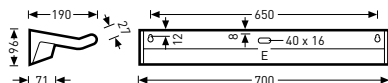


CE IP40

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White, LED							
• Sanesca W3 LED 4600-830...01	63 806...	...51	...40	4600 lm	A++/A+/A	48	4.5
Sanesca W3 LED 4600-840...01	63 807...	...51	...40	4800 lm	A++/A+/A	48	4.5
Silver-grey, LED							
Sanesca W3 LED 4600-830...03	63 808...	...51	...40	4600 lm	A++/A+/A	48	4.5
Sanesca W3 LED 4600-840...03	63 809...	...51	...40	4800 lm	A++/A+/A	48	4.5

• IK02/0.2 J 650 °C

## LED wall luminaires with indirect light distribution (room and night-light) and direct light distribution (reading light) with rocker switch and plug socket

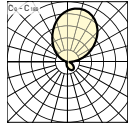
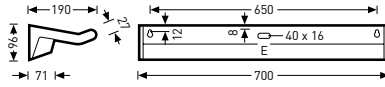


CE IP40

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
White, LED							
• Sanesca W3-S1/R LED 4600-830...01	63 364...	...51	...40	4600 lm	A++/A+/A	48	5.9
Sanesca W3-S1/R LED 4600-840...01	63 365...	...51	...40	4800 lm	A++/A+/A	48	5.9
Silver-grey, LED							
Sanesca W3-S1/R LED 4600-830...03	63 366...	...51	...40	4600 lm	A++/A+/A	48	5.9
Sanesca W3-S1/R LED 4600-840...03	63 367...	...51	...40	4800 lm	A++/A+/A	48	5.9

• IK02/0.2 J 650 °C

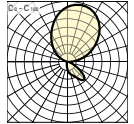
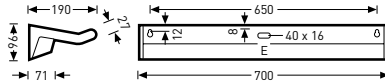
## LED wall luminaires with indirect light distribution (room and night-light) and direct light distribution (reading light) with pull-cord switch and plug socket



Reference	TOC	...ETDD	...ET		EEC	W	=kg
White, LED							
• Sanesca W3-S2/R LED 4600-830...01	63 368...	...51	...40	4600 lm	A++/A+/A	48	4.5
Sanesca W3-S2/R LED 4600-840...01	63 369...	...51	...40	4800 lm	A++/A+/A	48	4.5
Silver-grey, LED							
Sanesca W3-S2/R LED 4600-830...03	63 370...	...51	...40	4600 lm	A++/A+/A	48	4.5
Sanesca W3-S2/R LED 4600-840...03	63 371...	...51	...40	4800 lm	A++/A+/A	48	4.5

• IK02/0.2 J 650 °C

## LED wall luminaires with indirect light distribution (room and night-light) and direct light distribution (reading/inspection light)



Reference <sup>1)</sup>	TOC	...ET		EEC	W	=kg
Silver-grey, LED						
• Sanesca W4-L20/R LED 4900-830...03	64 977...	...40	4900 lm	A++/A+/A	51	6.3

<sup>1)</sup> Individual configuration on request

• IK02/0.2 J 650 °C

## BELVISO D LED

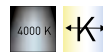
FLAT SURFACE-MOUNTED  
LUMINAIRES WITH  
MICROPRISMS





## THE STANDARD FOR EFFICIENCY AND ATTRACTIVE LIGHT

- The outstanding efficiency of 109 lm/W leads to massive energy savings of up to 40 % compared to T5.
- Completely homogeneous illumination creates a feel-good atmosphere for workstations.
- Exclusive light frame creates an unmistakable light appearance with a soft transition to the ceiling.
- Coloured light guides for individual light atmospheres.



> 50,000 h

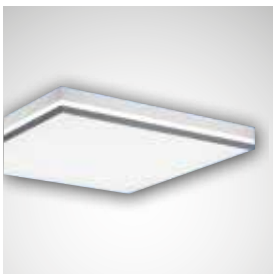


switchable and dimmable (DALI), switchable

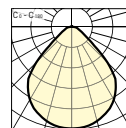
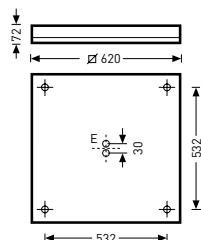


Light management system with day/night rhythm and white-white control

### Lateral light aura



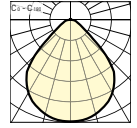
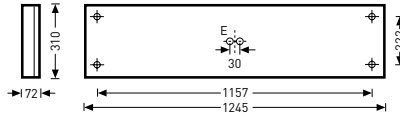
## Highly efficient surface-mounted LED luminaires with optimised microprisms (CDP)



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED for colour temperature-adjustable lighting							
• <b>BelvisoAct D CDP LED 4300...</b>	61 968...	...51	-	8600 lm	A++/A+/A	116	9.2
<b>BelvisoAct D CDP LED 4300...+TLM</b>	61 923...	...51	-	8600 lm	A++/A+/A	116	9.9
LED							
<b>Belviso D CDP LED 3900 nw...01</b>	60 669...	...51	...40	3800 lm	A++/A+/A	35	8.6
LED, with coloured light frame							
<b>Belviso D CDP LED 3800 nw...FB 01</b>	61 133...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso D CDP LED 3800 nw...FG 01</b>	61 135...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso D CDP LED 3800 nw...FO 01</b>	61 137...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso D CDP LED 3800 nw...FR 01</b>	61 139...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso D CDP LED 3800 nw...FY 01</b>	61 141...	...51	-	3800 lm	A++/A+/A	35	8.6

• IK02/0,2 J 650 °C

## Highly efficient surface-mounted LED luminaires with optimised microprisms (CDP)

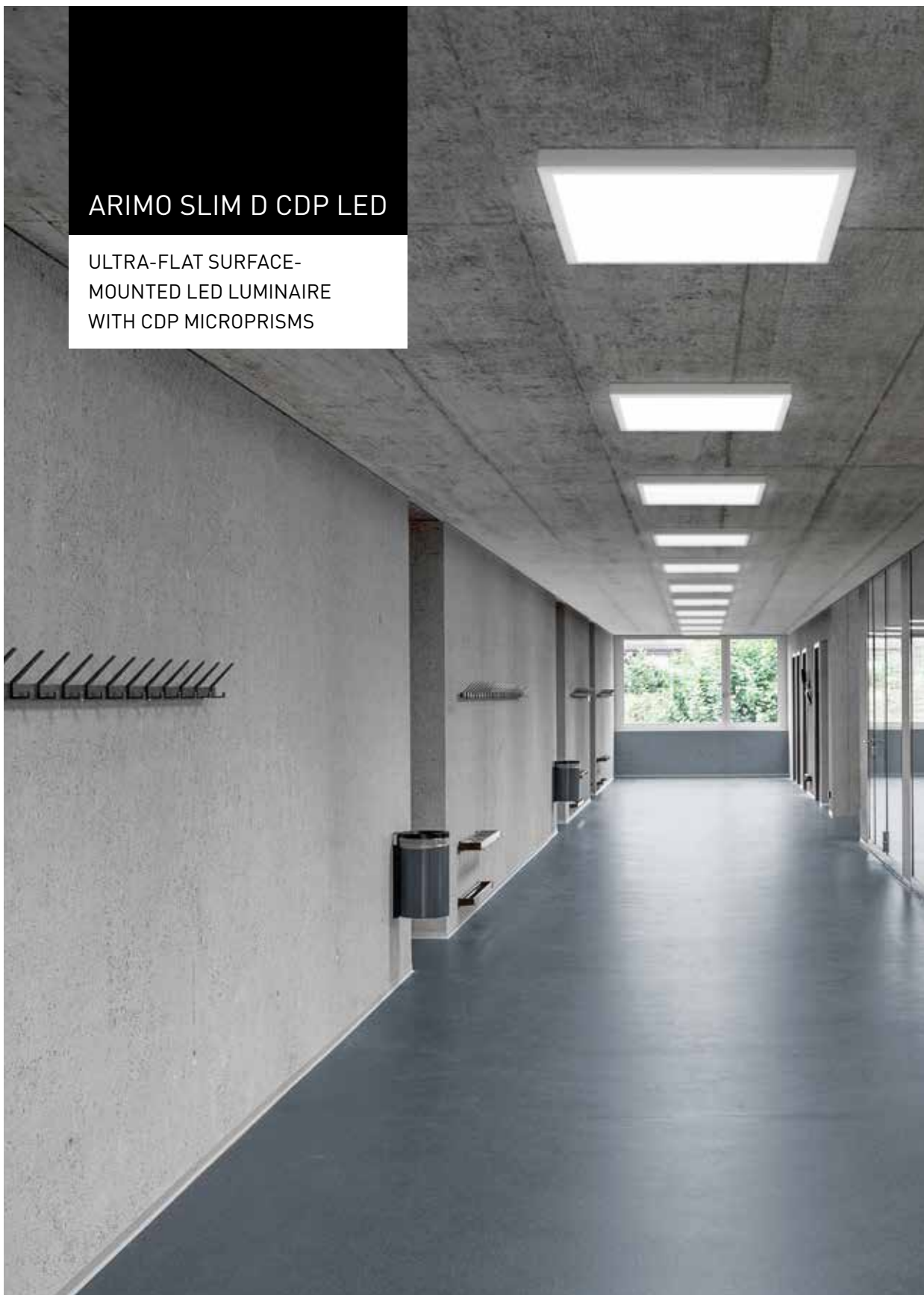


Reference	TOC	...ETDD	...ET		EEC	W	=kg
LED							
• <b>Belviso D2 CDP LED 3800 nw...01</b>	61 144...	...51	...40	3800 lm	A++/A+/A	35	8.5
LED, with coloured light frame							
<b>Belviso D2 CDP LED 3800 nw...FB 01</b>	61 134...	...51	-	3800 lm	A++/A+/A	35	8.5
<b>Belviso D2 CDP LED 3800 nw...FG 01</b>	61 136...	...51	-	3800 lm	A++/A+/A	35	8.5
<b>Belviso D2 CDP LED 3800 nw...FO 01</b>	61 138...	...51	-	3800 lm	A++/A+/A	35	8.5
<b>Belviso D2 CDP LED 3800 nw...FR 01</b>	61 140...	...51	-	3800 lm	A++/A+/A	35	8.5
<b>Belviso D2 CDP LED 3800 nw...FY 01</b>	61 142...	...51	-	3800 lm	A++/A+/A	35	8.5

• IK02/0.2 J 650 °C

## ARIMO SLIM D CDP LED

ULTRA-FLAT SURFACE-  
MOUNTED LED LUMINAIRE  
WITH CDP MICROPRISMS





## THE ULTRA-FLAT REFURBISHMENT SOLUTION FOR PLANAR LIGHT

- The wide-area light is especially pleasant and glare-free in accordance with standards.
- Low construction height for striking LED light.
- High efficiency ensures rapid pay-back of investment costs.
- Separate mounting of frame and luminaire for convenient installation.



> 50,000 h



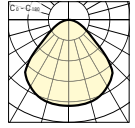
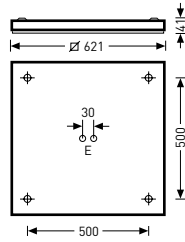
switchable and dimmable (DALI), switchable

Uniform illumination and glare reduction compliant to UGR19

Low housing height due to the lateral light entry



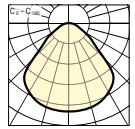
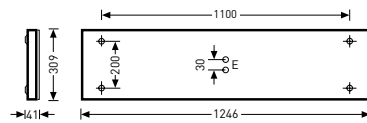
## LED surface-mounted ceiling luminaires with microprismatic cover CDP



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• ArimoS D CDP LED 3000-830...	64 854...	...51	...40	2900 lm	A++/A+/A	30	8.3
ArimoS D CDP LED 3000-840...	64 855...	...51	...40	3000 lm	A++/A+/A	30	8.3
ArimoS D CDP LED 4000-830...	64 856...	...51	...40	3800 lm	A++/A+/A	40	8.3
ArimoS D CDP LED 4000-840...	64 857...	...51	...40	4000 lm	A++/A+/A	40	8.3

• IK02/0.2 J 650 °C

## LED surface-mounted ceiling luminaires with microprismatic cover CDP



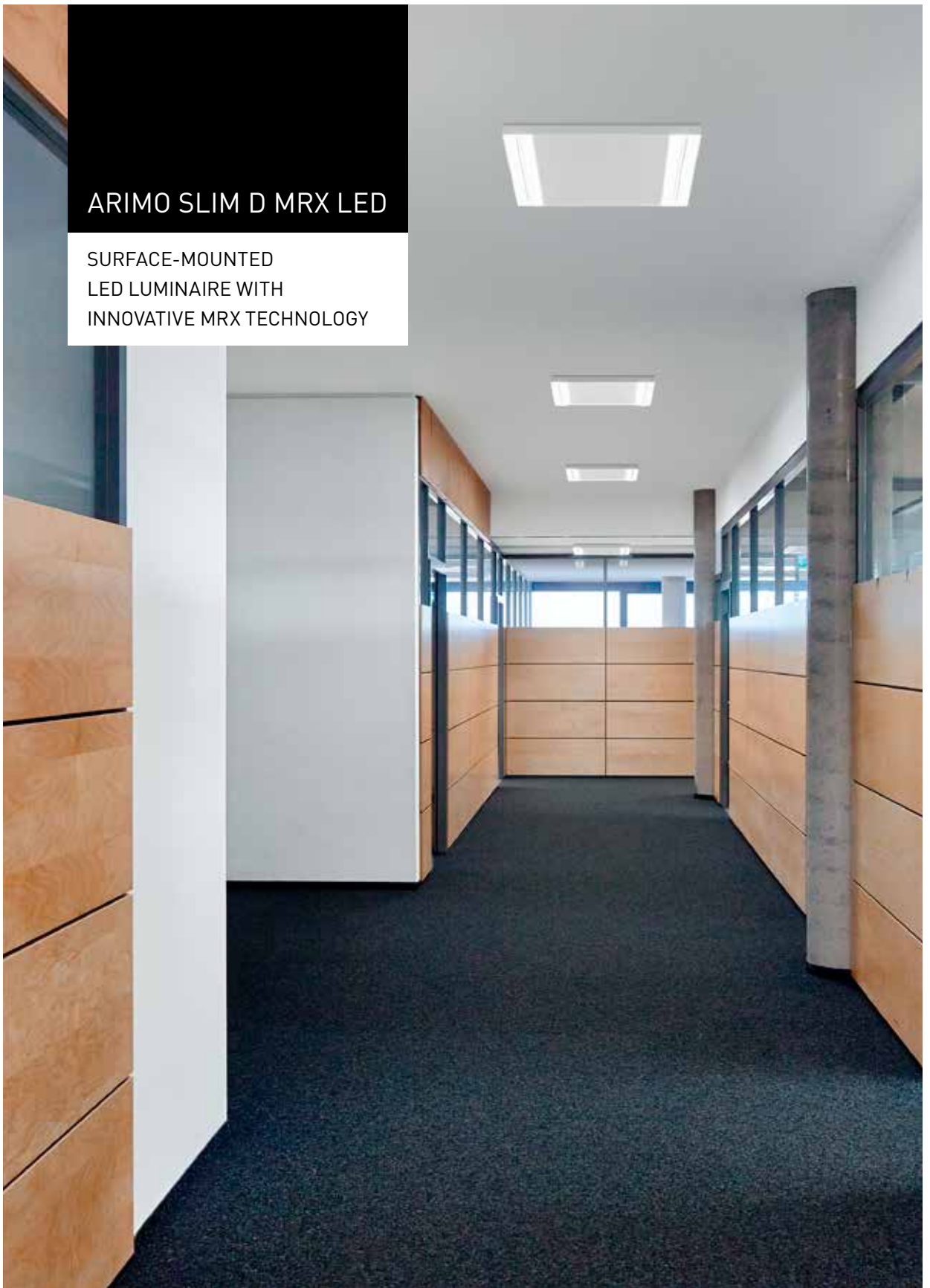
Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• ArimoS D2 CDP LED 3600-830...	64 858...	...51	...40	3500 lm	A++/A+/A	37	8.6
ArimoS D2 CDP LED 3600-840...	64 859...	...51	...40	3600 lm	A++/A+/A	37	8.6
ArimoS D2 CDP LED 4500-830...	64 860...	...51	...40	4300 lm	A++/A+/A	46	8.6
ArimoS D2 CDP LED 4500-840...	64 861...	...51	...40	4500 lm	A++/A+/A	46	8.6

• IK02/0.2 J 650 °C



## ARIMO SLIM D MRX LED

SURFACE-MOUNTED  
LED LUMINAIRE WITH  
INNOVATIVE MRX TECHNOLOGY



## BRINGING FRESH AIR INTO EVERYDAY WORK

- With Micro Reflector Technology (MRX) the light itself is pleasant and without glare even with high luminous flux packages (UGR19 < 1500 cd/m<sup>2</sup>).
- Above-average energy efficiency is an advantage with both new installations and refurbishments.
- Sufficient room for additional components despite compact design.



> 50,000 h



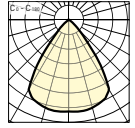
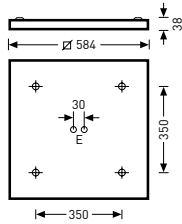
switchable and dimmable (DALI), switchable

Micro Reflector Technology (MRX)

Innovative optic with visible light edge



## LED surface-mounted luminaires with MRX micro reflector and opal PMMA covering



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• ArimoS D MRX LED 3000-830...	64 845...	...51	...40	2800 lm	A++/A+/A	26	5.5
ArimoS D MRX LED 3000-840...	64 846...	...51	...40	2900 lm	A++/A+/A	26	5.5
ArimoS D MRX LED 4000-830...	64 847...	...51	...40	3800 lm	A++/A+/A	38	5.5
ArimoS D MRX LED 4000-840...	64 848...	...51	...40	4000 lm	A++/A+/A	38	5.5

• IK02/0.2 J 650 °C



## SERIES 504... (LED)

HIGH-EFFICIENCY  
SURFACE-MOUNTED  
LUMINAIRES




















## FLEXIBILITY AND MAXIMUM EFFICIENCY

- Maximum efficiency via RPX/RSX louvre featuring silver optic (reflection factor > 98%).
- Two luminous flux packages, application-oriented louvre variants and asymmetric reflectors for a wide range of applications.
- Optionally with integral light management system.
- LED points are not visible for users and a diffuser element provides uniform, glare-free appearance of LED variants.

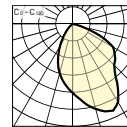
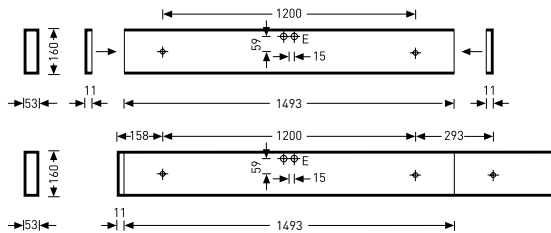


-  
-  
-    
-  ✓
-   
-  > 40,000 h, > 50,000 h
-  switchable and dimmable (DALI)
-  ActiLume control device and sensor unit, LIGHTGATE basic Master, LIGHTGATE basic Sensor, LIGHTGATE plus Sensor

### Daylight-dependent light control



Surface-mounted LED luminaires with wallwasher optic



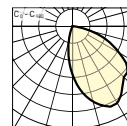
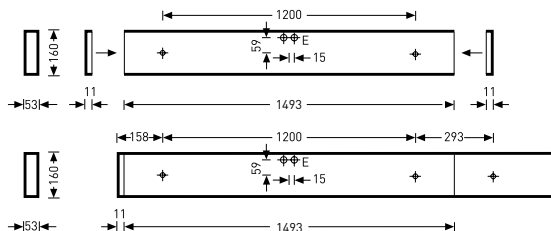
Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED							
• 5041 RAV-L 4900-830... <sup>1)</sup>	61 995...	...51	...40	4900 lm	A++/A+/A	50	4.7
5041 RAV-L 4900-840... <sup>1)</sup>	61 994...	...51	...40	4900 lm	A++/A+/A	50	4.7
5041 RAV-L 4900-840...+TX60 <sup>2)</sup>	65 100...	-	...40	4900 lm	A++/A+/A	50	4.9

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

<sup>2)</sup>For use as panel lighting in combination with RGB LED luminaires on page 257.

• IK02/0.2 J 650 °C

Surface-mounted luminaires with wallwasher optic

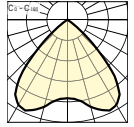
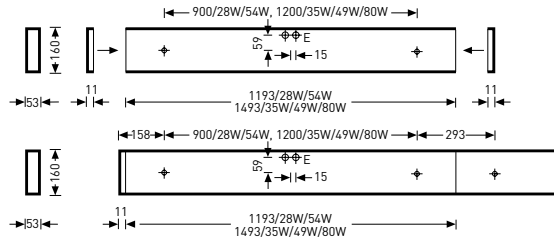


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
1-lamp						
• 5041 RAV-L/35/49/80...	58 488...	...07	...04	1 x 35/49/80	A+/A/B/C	5.2

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

Surface-mounted luminaires with parabolic specular louvre RMV, matt

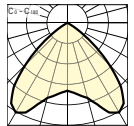
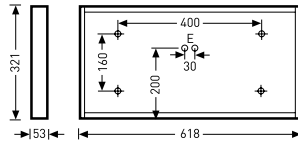


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
1-lamp						
• 5041 RMV-L/28/54...	47 779...	...07	...04	1 x 28/54	A+/A/B/C	3.2
5041 RMV-L/35/49/80...	47 786...	...07	...04	1 x 35/49/80	A+/A/B/C	3.8
2-lamp						
5041 RMV-L/2x28/54...	51 745...	...07	...04	2 x 28/54	A+/A/B/C	3.3
5041 RMV-L/2x35/49...	51 746...	...07	...04	2 x 35/49	A+/A/B	4.1
5041 RMV-L/2x80...	47 784...	-	...04	2 x 80	A+/A/B/C	4.1

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

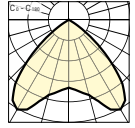
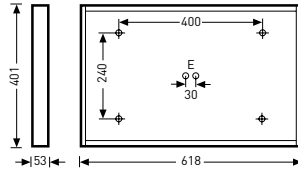
Surface-mounted luminaires with parabolic specular louvre RMV, matt



Reference	TOC	...EDD	...E		EEC	=kg
• 5043 RMV/14/24...	51 752...	...07	...04	3 x 14/24	A+/A/B	3.3

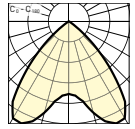
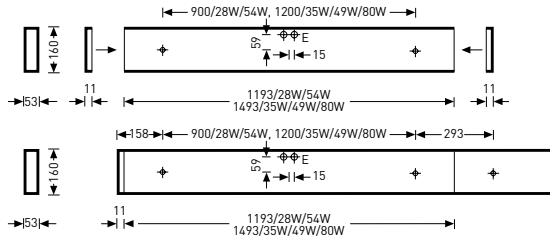
• IK02/0.2 J 650 °C

Surface-mounted luminaires with parabolic specular louvre RMV, matt



Reference	TOC	...EDD	...E		EEC	≈kg
• 5044 RMV/14/24...	51 757...	...07	...04	4 x 14/24	A+/A/B	3.8
• IK02/0.2 J 650 °C						

Surface-mounted luminaires with specular louvre RSV

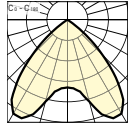
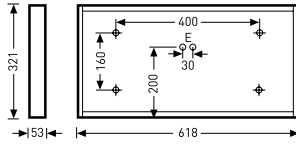


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
• 5041 RSV-L/28/54...	11 600...	...07	...04	1 x 28/54	A+/A/B/C	3.2
5041 RSV-L/35/49/80...	11 602...	...07	...04	1 x 35/49/80	A+/A/B/C	3.8

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

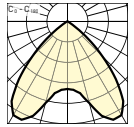
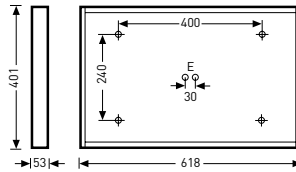
Surface-mounted luminaires with specular louvre RSV



Reference	TOC	...EDD	...E		EEC	=kg
• 5043 RSV/14/24...	51 754...	...07	...04	3 x 14/24	A+/A/B	3.3

• IK02/0.2 J 650 °C

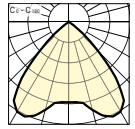
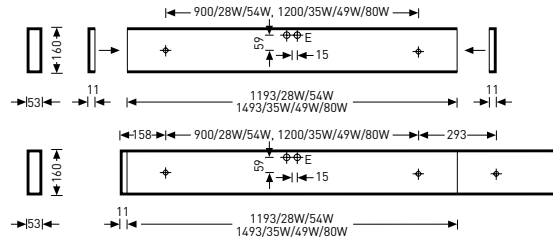
Surface-mounted luminaires with specular louvre RSV



Reference	TOC	...EDD	...E		EEC	=kg
• 5044 RSV/14/24...	51 759...	...07	...04	4 x 14/24	A+/A/B	3.8

• IK02/0.2 J 650 °C

Surface-mounted luminaires with semi-specular DARKLIGHT parabolic louvre RSX

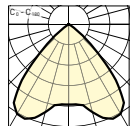
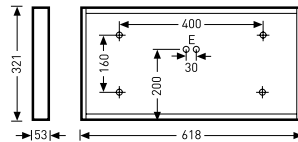


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
1-lamp						
• 5041 RSX-L/28/54...	11 607...	...07	...04	1 x 28/54	A+/A/B/C	3.2
5041 RSX-L/35/49/80...	11 609...	...07	...04	1 x 35/49/80	A+/A/B/C	3.8
5041 RSX-L/35/49/80...+ActiM	58 692...	...07	-	1 x 35/49/80	A+/A/B/C	4.1
2-lamp						
5041 RSX-L/2x28/54...	51 750...	...07	...04	2 x 28/54	A+/A/B/C	3.3
5041 RSX-L/2x35/49...	51 751...	...07	...04	2 x 35/49	A+/A/B	4.1
5041 RSX-L/2x80...	47 252...	-	...04	2 x 80	A+/A/B/C	4.1

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

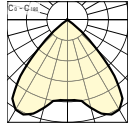
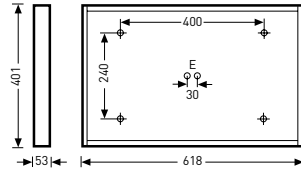
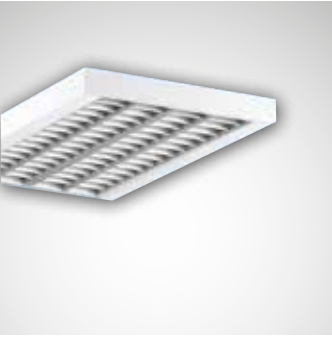
Surface-mounted luminaires with semi-specular DARKLIGHT parabolic louvre RSX



Reference	TOC	...EDD	...E		EEC	≈kg
• 5043 RSX/14/24...	51 755...	...07	...04	3 x 14/24	A+/A/B	3.3

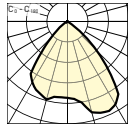
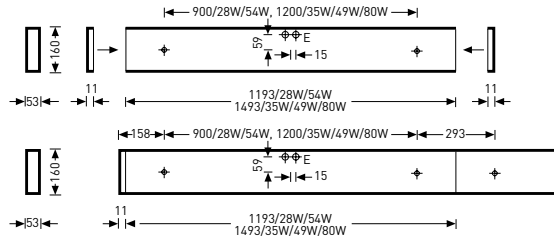
• IK02/0.2 J 650 °C

Surface-mounted luminaires with semi-specular DARKLIGHT parabolic louvre RSX



Reference	TOC	...EDD	...E		EEC	=kg
• 5044 RSX/14/24...	51 760...	...07	...04	4 x 14/24	A+/A/B	3.8
						• IK02/0.2 J 650 °C

Surface-mounted luminaires with semi-specular DARKLIGHT parabolic louvre RSXA, with asymmetric distribution

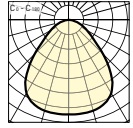
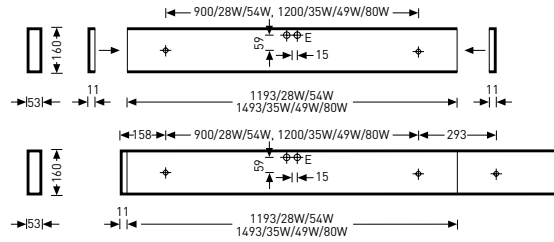


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
1-lamp, asymmetric						
• 5041 RSXA-L/28/54...	58 677...	-	...04	1 x 28/54	A+/A/B/C	3.3
5041 RSXA-L/35/49/80...	41 279...	...07	...04	1 x 35/49/80	A+/A/B/C	3.9

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

Surface-mounted luminaires with white louvre RWV

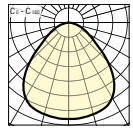
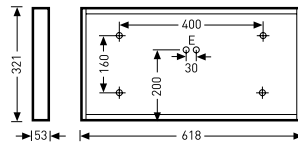


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
• 5041 RWV-L/28/54...	11 614...	...07	...04	1 x 28/54	A+/A/B/C	3.2
5041 RWV-L/35/49/80...	11 616...	...07	...04	1 x 35/49/80	A+/A/B/C	3.8

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

Surface-mounted luminaires with white louvre RWV

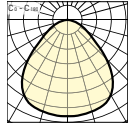
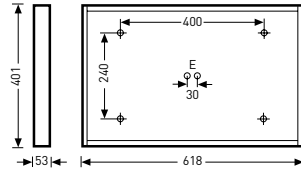


Reference	TOC	...EDD	...E		EEC	≈kg
• 5043 RWV/14/24...	51 756...	...07	...04	3 x 14/24	A+/A/B	3.3

• IK02/0.2 J 650 °C



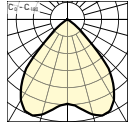
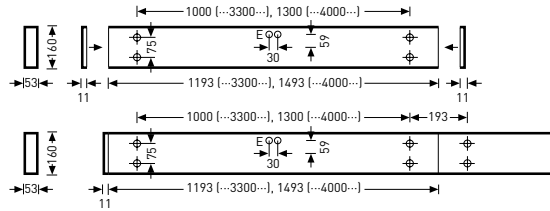
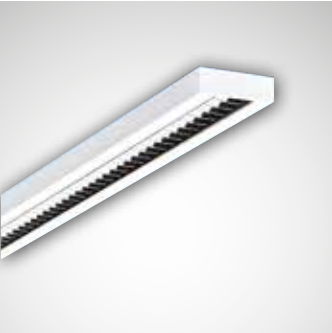
## Surface-mounted luminaires with white louvre RWV



Reference	TOC	...EDD	...E		EEC	=kg
• 5044 RWV/14/24...	51 761...	...07	...04	4 x 14/24	A+/A/B	3.8

• IK02/0.2 J 650 °C

## Surface-mounted LED luminaires with highly specular DARKLIGHT parabolic louvre RPX

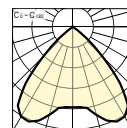
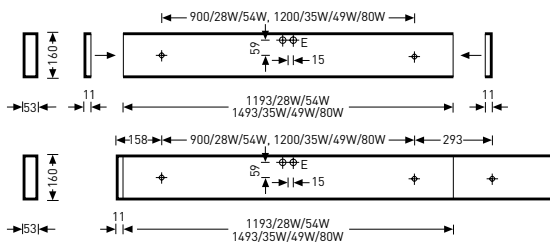


Reference <sup>1)</sup>	TOC	...ETDD	...ET		EEC	W	=kg
• 5041 RPX-L 3300-830...	61 993...	...51	...40	3200 lm	A++/A+/A	32	3.8
5041 RPX-L 3300-840...	61 990...	...51	...40	3400 lm	A++/A+/A	32	3.8
5041 RPX-L 3300-840...+LGbM	61 991...	...51	-	3400 lm	A++/A+/A	32	3.8
5041 RPX-L 3300-840...+LGbS	61 992...	...51	-	3400 lm	A++/A+/A	32	3.8
5041 RPX-L 4000-830...	61 989...	...51	...40	4000 lm	A++/A+/A	39	4.6
5041 RPX-L 4000-840...	61 986...	...51	...40	4200 lm	A++/A+/A	39	4.6
5041 RPX-L 4000-840...+LGbM	61 987...	...51	-	4200 lm	A++/A+/A	39	4.7
5041 RPX-L 4000-840...+LGbS	61 988...	...51	-	4200 lm	A++/A+/A	39	4.7

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

Surface-mounted luminaires with highly specular DARKLIGHT parabolic louvre RPX

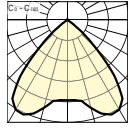
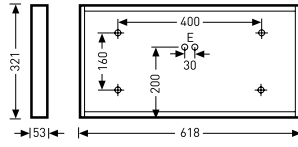


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
1-lamp						
• 5041 RPX-L/28/54...	11 593...	...07	...04	1 x 28/54	A+/A/B/C	3.2
5041 RPX-L/35/49/80...	11 595...	...07	...04	1 x 35/49/80	A+/A/B/C	3.8
5041 RPX-L/35/49/80...+ActiM	58 473...	...07	-	1 x 35/49/80	A+/A/B/C	4.1
1-lamp, asymmetric						
5041 RPXA-L/28/54...	58 676...	-	...04	1 x 28/54	A+/A/B/C	3.3
5041 RPXA-L/35/49/80...	39 174...	...07	...04	1 x 35/49/80	A+/A/B/C	3.9
2-lamp						
5041 RPX-L/2x28/54...	51 747...	...07	...04	2 x 28/54	A+/A/B/C	3.3
5041 RPX-L/2x35/49...	51 749...	...07	...04	2 x 35/49	A+/A/B	4.1
5041 RPX-L/2x80...	47 247...	-	...04	2 x 80	A+/A/B/C	4.1

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

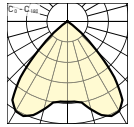
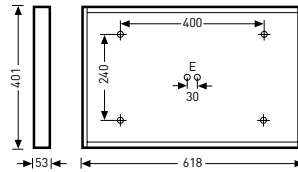
• IK02/0.2 J 650 °C

Surface-mounted luminaires with highly specular DARKLIGHT parabolic louvre RPX



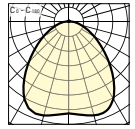
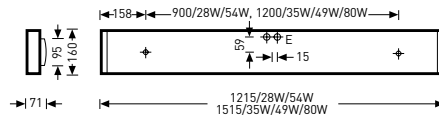
Reference	TOC	...EDD	...E		EEC	=kg
• 5043 RPX/14/24...	51 753...	...07	...04	3 x 14/24	A+/A/B	3.3
• IK02/0.2 J 650 °C						

Surface-mounted luminaires with highly specular DARKLIGHT parabolic louvre RPX



Reference	TOC	...EDD	...E		EEC	=kg
• 5044 RPX/14/24...	51 758...	...07	...04	4 x 14/24	A+/A/B	3.8
• IK02/0.2 J 650 °C						

Surface-mounted luminaires with translucent diffuser T



Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
• 5041 T/28/54...	11 628...	...07	...04	1 x 28/54	A+/A/B/C	3.9
5041 T/35/49/80...	11 630...	...07	...04	1 x 35/49/80	A+/A/B/C	4.7

<sup>1)</sup> With pre-assembled end caps.

• IK02/0.2 J 650 °C

End caps



Reference	TOC	Accessory description	≈kg
05041 K	21 538 00	End caps, for 5041...L..., 5051...L..., 1 pair	0.1

Adapter end caps



Reference	TOC	Accessory description	≈kg
05041 KA	21 539 00	Adapter end cap, for connecting 5041...L and 5051...L to A 03 node	0.2

Infeed accessory for wire suspension

Reference <sup>1)</sup>	TOC	Accessory description	≈kg
05000 ESBN	21 517 00	Infeed accessory, consisting of strain-relief systems, mounting screws and connection terminal	0.1

<sup>1)</sup> Cables not included in scope of delivery; must be made available on-site.

## Ceiling roses



Reference <sup>1)</sup>	TOC	Accessory description	=kg
05900 A	21 725 00	Ceiling rose, 1 piece	0.1
05900 AN	21 726 00	Ceiling rose with wire outlet, 1 piece	0.1

<sup>1)</sup>Cables not included in scope of delivery; must be made available on-site.

## Through-wirings



Reference	TOC	Accessory description	=kg
07690/5LV/25m	21 890 00	Through-wiring 5 x 1.5 mm <sup>2</sup> , length 25 m	2.5
3700/3LV/36	11 450 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for luminaires 28 W, 54 W	0.1
3700/3LV/58	11 451 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for luminaires 35 W, 49 W, 80 W	0.1
3700/5LV/36	11 452 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for luminaires 28 W, 54 W	0.1
3700/5LV/58	11 453 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for luminaires 35 W, 49 W, 80 W	0.1

## Node suspensions



Reference	TOC	Accessory description	=kg
A 03 D	22 315 00	Node, white, steplessly adjustable from 90°-270° for up to 4 branchings, 1 piece	0.5

## Counter-balance weights

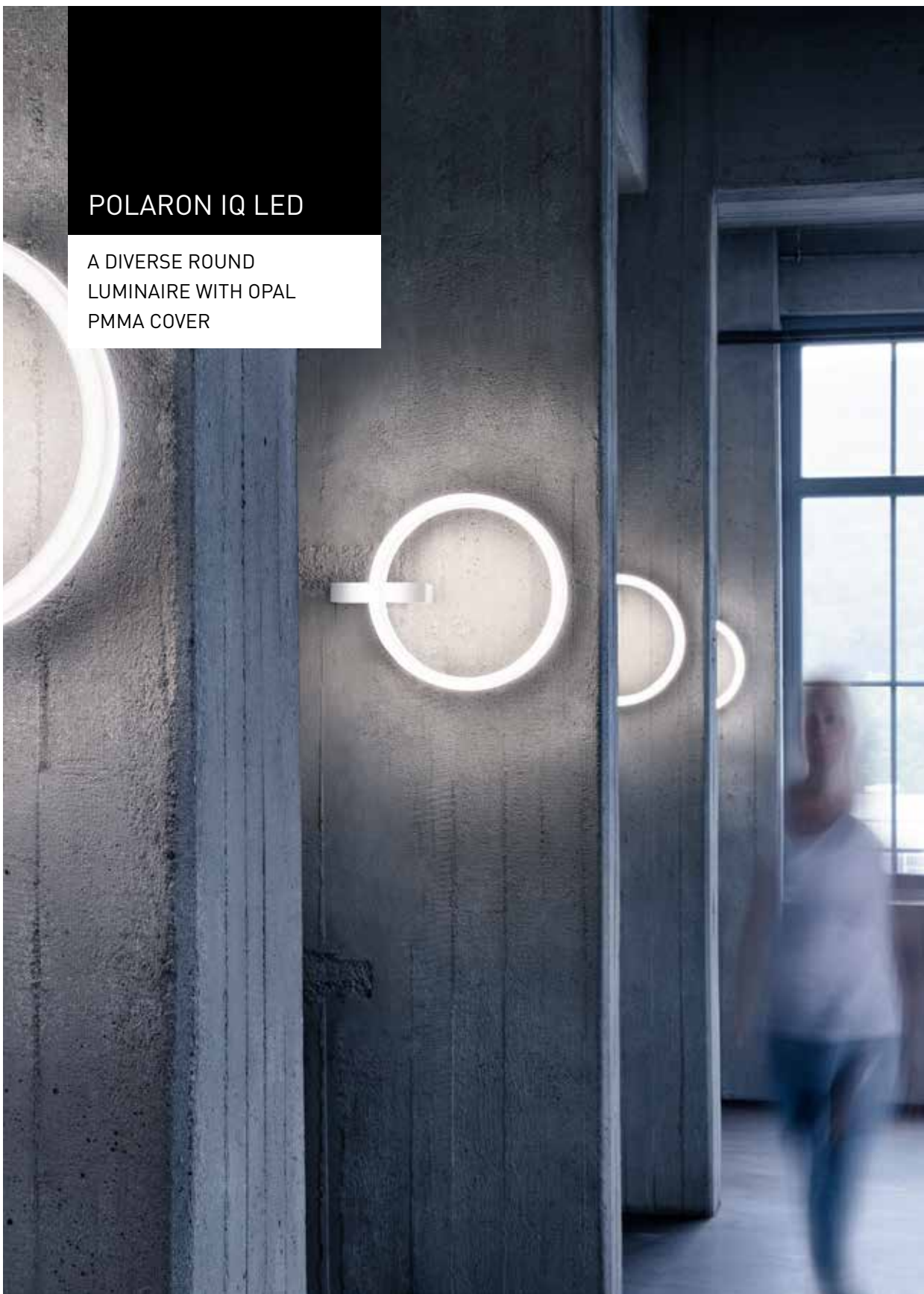
Reference	TOC	Accessory description	=kg
05000 A19	21 501 00	Counter-balance weights, for 5041... and 5051... 1-lamp, E/EDD	0.3

## Mounting accessories

Reference	TOC	Accessory description	=kg
05000 DD	21 513 00	Ceiling spacer, 1 pair, for 5041... in connection with A 03 D	0.1

## POLARON IQ LED

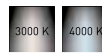
A DIVERSE ROUND  
LUMINAIRE WITH OPAL  
PMMA COVER





## PERFECT DESIGN FOR MAXIMUM OPTIONS

- The filigree, perfectly proportioned ring blends harmoniously into the interior design.
- The product family with modular design provides maximum design flexibility due to various ring sizes and light emissions. Suitable accessories enable recessed or semi-recessed mounting.
- Rapid luminaire mounting. Also very simple – the control unit and ring can be subsequently replaced.



> 50,000 h



switchable and dimmable (DALI), switchable



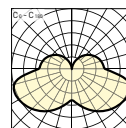
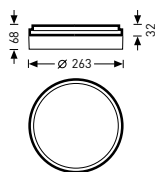
Emergency light version with individual battery, 3 hours

A reduction to the essentials

The ring as the perfect form



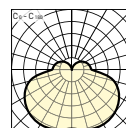
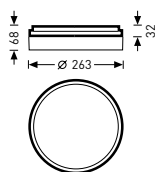
## Round surface-mounted luminaire with small construction WD1, direct-indirect distribution



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• PolaronIQ WD1 LED 1000-830...	63 334...	...51	...40	900 lm	A++/A+/A	11	1.7
• PolaronIQ WD1 LED 1000-840...	63 335...	...51	...40	950 lm	A++/A+/A	11	1.7

• IK02/0.2 J 650 °C

## Round surface-mounted luminaire with small construction WD1, direct distribution

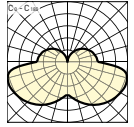
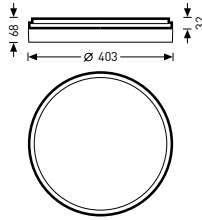


Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• PolaronIQ WD1D LED 1000-830...	63 332...	...51	...40	1000 lm	A++/A+/A	11	1.6
• PolaronIQ WD1D LED 1000-840...	63 333...	...51	...40	1050 lm	A++/A+/A	11	1.6

• IK02/0.2 J 650 °C



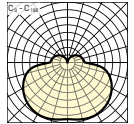
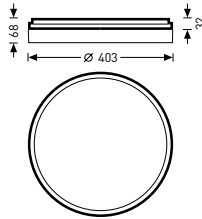
## Round surface-mounted luminaire with large construction WD2, direct-indirect distribution



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• PolaronIQ WD2 LED 2000-830...	63 338...	...51	...40	1700 lm	A++/A+/A	17	3.2
• PolaronIQ WD2 LED 2000-830...EB3h	64 436...	-	...40	1700 lm	A++/A+/A	22	3.9
• PolaronIQ WD2 LED 2000-840...	63 339...	...51	...40	1800 lm	A++/A+/A	17	3.2
• PolaronIQ WD2 LED 2000-840...EB3h	64 437...	-	...40	1800 lm	A++/A+/A	22	3.9
• PolaronIQ WD2 LED-RGB...	65 220...	...51	-	RGB	A++/A+/A	11	3.1

• IK02/0.2 J 650 °C

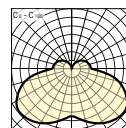
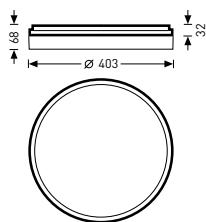
## Round surface-mounted luminaire with large construction WD2, direct distribution



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• PolaronIQ WD2D LED 2000-830...	63 336...	...51	...40	1900 lm	A++/A+/A	17	3.0
• PolaronIQ WD2D LED 2000-830...EB3h	64 607...	-	...40	1900 lm	A++/A+/A	22	3.8
• PolaronIQ WD2D LED 2000-840...	63 337...	...51	...40	2000 lm	A++/A+/A	17	3.0
• PolaronIQ WD2D LED 2000-840...EB3h	64 608...	-	...40	2000 lm	A++/A+/A	22	3.8

• IK02/0.2 J 650 °C

## Surface-mounted luminaire as combination of small (WD1) and large (WD2) construction, direct-indirect distribution

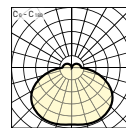
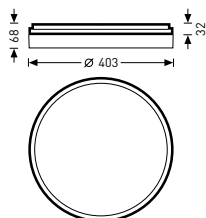


IP40

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• PolaronIQ WD1-2 LED 3000-830...	63 342...	...51	...40	2600 lm	A++/A+/A	28	4.2
• PolaronIQ WD1-2 LED 3000-840...	63 343...	...51	...40	2700 lm	A++/A+/A	28	4.2

• IK02/0.2 J 650 °C

## Surface-mounted luminaire as combination of small (WD1) and large (WD2) construction, direct distribution

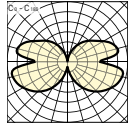
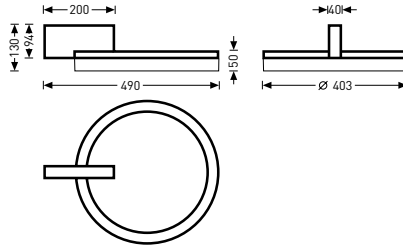


IP40

Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• PolaronIQ WD1-2D LED 3000-830...	63 340...	...51	...40	3000 lm	A++/A+/A	28	4.0
• PolaronIQ WD1-2D LED 3000-840...	63 341...	...51	...40	3100 lm	A++/A+/A	28	4.0

• IK02/0.2 J 650 °C

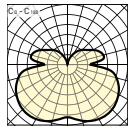
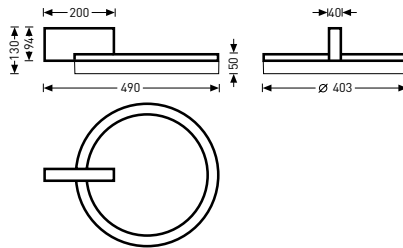
## Wall and ceiling surface-mounted luminaires, direct-indirect distribution



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• PolaronIQ W2 LED 2000-830...	63 358...	...51	...40	1700 lm	A++/A+/A	17	2.1
• PolaronIQ W2 LED 2000-840...	63 359...	...51	...40	1800 lm	A++/A+/A	17	2.1

• IK02/0.2 J 650 °C

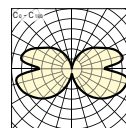
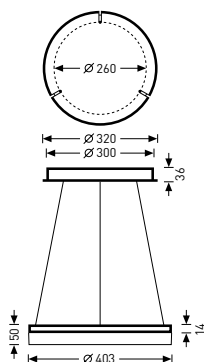
## Wall and ceiling surface-mounted luminaires, direct light distribution



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• PolaronIQ W2D LED 2000-830...	63 356...	...51	...40	1900 lm	A++/A+/A	17	2.0
• PolaronIQ W2D LED 2000-840...	63 357...	...51	...40	2000 lm	A++/A+/A	17	2.0

• IK02/0.2 J 650 °C

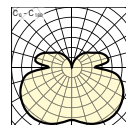
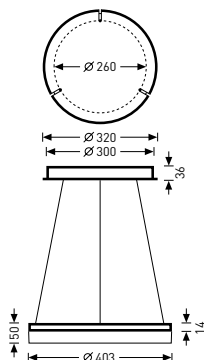
## Suspended luminaires, direct-indirect distribution



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• PolaronIQ H2 LED 2000-830...1.0m	63 346...	...51	...40	1700 lm	A++/A+/A	17	3.4
PolaronIQ H2 LED 2000-840...1.0m	63 347...	...51	...40	1800 lm	A++/A+/A	17	3.4
PolaronIQ H2 LED 2000-830...2.0m	63 350...	...51	...40	1700 lm	A++/A+/A	17	3.5
PolaronIQ H2 LED 2000-840...2.0m	63 351...	...51	...40	1800 lm	A++/A+/A	17	3.5

• IK02/0.2 J 650 °C

## Suspended luminaires, direct light distribution



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• PolaronIQ H2D LED 2000-830...1.0m	63 344...	...51	...40	1900 lm	A++/A+/A	17	3.5
PolaronIQ H2D LED 2000-840...1.0m	63 345...	...51	...40	2000 lm	A++/A+/A	17	3.5
PolaronIQ H2D LED 2000-830...2.0m	63 348...	...51	...40	1900 lm	A++/A+/A	17	3.5
PolaronIQ H2D LED 2000-840...2.0m	63 349...	...51	...40	2000 lm	A++/A+/A	17	3.5

• IK02/0.2 J 650 °C

## Mounting enclosures



Reference	TOC	Accessory description	=kg
<b>PolaronIQ WD1 C1</b>	63 352 00	Mounting enclosure for round surface-mounted luminaires PolaronIQ WD1/WD1D	1.9
<b>PolaronIQ WD1 C1 MP M73</b>	64 601 00	Mounting enclosure for IQ WD1/WD1D for module 600 mm. With reinforced baseplate, system dimension 600	1.9
<b>PolaronIQ WD1 C1 MP M84</b>	64 602 00	Mounting enclosure for IQ WD1/WD1D for module 625 mm. With reinforced baseplate, system dimension 625	2.0
<b>PolaronIQ WD2 C1</b>	63 353 00	Mounting enclosure for round surface-mounted luminaires PolaronIQ WD2/WD2D, WD1-2/ WD1-2D	2.8
<b>PolaronIQ WD2 C1 MP M73</b>	63 722 00	Mounting enclosure for Polaron IQ WD2/WD2D. With reinforced baseplate, system dimension 600	3.9
<b>PolaronIQ WD2 C1 MP M84</b>	63 723 00	Mounting enclosure for Polaron IQ WD2/WD2D. With reinforced baseplate, system dimension 625	4.0

## Concrete casting boxes



Reference	TOC	Accessory description	=kg
<b>PolaronIQ WD2 BE</b>	64 467 00	Concrete casting box for Polaron IQ WD2/WD2D, WD1-2/WD1-2D	5.2

## Mounting accessories



Reference	TOC	Accessory description	=kg
<b>PolaronIQ H2 C1</b>	64 438 00	Fixing accessory for flush installation of the ceiling rose into cut ceilings.	2.2
<b>PolaronIQ H2 C1 MP M73</b>	64 439 00	Fixing accessory for flush installation of the ceiling rose into cut ceilings. With reinforced baseplate, system dimension 600	2.9
<b>PolaronIQ H2 C1 MP M84</b>	64 440 00	Fixing accessory for flush installation of the ceiling rose into cut ceilings. With reinforced baseplate, system dimension 625	3.0

## Semi-recessed housings



Reference	TOC	Accessory description	≈kg
<b>PolaronIQ WD1 C</b>	63 354 00	Semi-recessed housing for round surface-mounted luminaire PolaronIQ WD1/WD1D.	1.1
<b>PolaronIQ WD1 C MP M73</b>	64 599 00	Semi-recessed mounting enclosure for IQ WD1/WD1D for module 600 mm. With reinforced baseplate, system dimensions 600	1.9
<b>PolaronIQ WD1 C MP M84</b>	64 600 00	Semi-recessed mounting enclosure for IQ WD1/WD1D for module 625 mm. With reinforced baseplate, system dimensions 625	2.0
<b>PolaronIQ WD2 C</b>	63 355 00	Semi-recessed mounting enclosure for Polaron IQ WD2/WD2D, WD1-2/WD1-2D	1.8
<b>PolaronIQ WD2 C MP M73</b>	63 720 00	Semi-recessed mounting enclosure for Polaron IQ WD2/WD2D, WD1-2/WD1-2D. With reinforced baseplate, system dimension 600	3.9
<b>PolaronIQ WD2 C MP M84</b>	63 721 00	Semi-recessed mounting enclosure for Polaron IQ WD2/WD2D, WD1-2/WD1-2D. With reinforced baseplate, system dimension 625	4.1



# POLARON

HARMONIOUS  
RING LUMINAIRES, OPAL





## THE PERFECT COMBINATION OF FORM AND FUNCTION

- Surface-mounted luminaires for wall and ceiling installation, can be suspended with wire suspension. Also suitable for plasterboard ceilings or system ceilings with use of recessing accessories.
- Timeless design combined with outstanding diffuser illumination.
- Significant savings in operational costs due to long maintenance cycles and reduced energy consumption.
- Almost no concealed and therefore difficult-to-clean areas. Simply wipe down with a damp cloth.

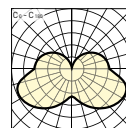
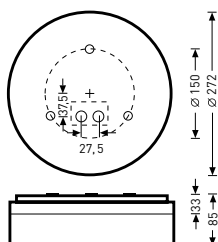


switchable and dimmable (DALI),  
switchable and dimmable (1...10 V), switchable

### Design flexibility



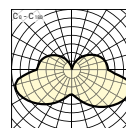
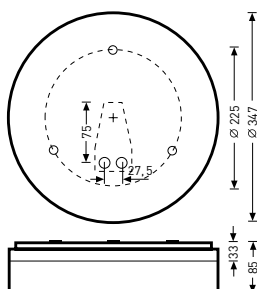
Surface-mounted luminaires, in combination with corresponding accessories, also as semi-recessed, recessed and suspended luminaires



Reference	TOC	...ED	...E		EEC	≈kg
• Polaron WD1 1TR22...	50 998...	...05	...04	1 x T-R 22	A	2.2
Polaron WD1 1TR22 PC...	50 820...	...05	...04	1 x T-R 22	A	2.2

• IK04/0.5 J 650 °C

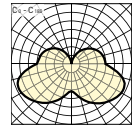
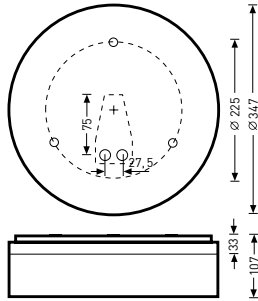
Surface-mounted luminaires, in combination with corresponding accessories, also as semi-recessed, recessed and suspended luminaires



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
• Polaron WD2 1TR40...	50 999...	...07	...05	...04	1 x T-R 40	A+/A	3.0
Polaron WD2 1TR40 PC...	50 821...	...07	...05	...04	1 x T-R 40	A+/A	3.0
Polaron WD2 1TR55...	51 001...	...07	...05	...04	1 x T-R 55	A/B	3.0
Polaron WD2 1TR55 PC...	50 822...	...07	...05	...04	1 x T-R 55	A/B	3.0

• IK04/0.5 J 650 °C

Surface-mounted luminaires, in combination with corresponding accessories, also as semi-recessed, recessed and suspended luminaires



Reference	TOC	...EDD	...ED	...E		EEC	=kg
• Polaron WD2 2TR40...	51 000...	...07	...05	...04	2 x T-R 40	A+/A	3.6
Polaron WD2 2TR40 PC...	50 823...	...07	...05	...04	2 x T-R 40	A+/A	3.6

• IK04/0.5 J 650 °C

### Wire suspensions



Reference	TOC	Accessory description	=kg
Polaron ZS 3075/1000	56 394 00	Wire suspension, mains cable and ceiling rose, 3-point, 1000 mm, 3 x 0,75 mm <sup>2</sup> , white	0.2
Polaron ZS 3075/2000	56 675 00	Wire suspension, mains cable and ceiling rose, 3-point, 2000 mm, 3 x 0,75 mm <sup>2</sup> , white	0.3
Polaron ZS 5075/1000	56 395 00	Wire suspension, mains cable and ceiling rose, 3-point, 1000 mm, 5 x 0,75 mm <sup>2</sup> , white	0.3
Polaron ZS 5075/2000	56 676 00	Wire suspension, mains cable and ceiling rose, 3-point, 2000 mm, 5 x 0,75 mm <sup>2</sup> , white	0.4

## Mounting enclosures



Reference	TOC	Accessory description	≈kg
<b>Polaron WD1 C1</b>	56 812 00	Mounting enclosure for Polaron WD1..., for cut-out ceilings	3.3
<b>Polaron WD2 C1</b>	50 836 00	Mounting enclosure for Polaron WD2..., construction height 85 mm, for cut-out ceilings	3.3
<b>Polaron WD2 C1 BE</b>	56 831 00	Mounting enclosure for concrete sealed housing Polaron WD2..., for construction height 85 mm	6.5
<b>Polaron WD2 C1 MP M73</b>	50 829 00	Mounting enclosure for Polaron WD2..., construction height 85 mm, for Module 600, with reinforced baseplate, system dimension 600	5.0
<b>Polaron WD2 C1 MP M84</b>	50 832 00	Mounting enclosure for Polaron WD2..., construction height 85 mm, for Module 625, with reinforced baseplate, system dimension 625	5.3
<b>Polaron WD2 C2</b>	50 837 00	Mounting enclosure for Polaron WD2..., construction height 107 mm, for cut-out ceilings	3.5
<b>Polaron WD2 C2 BE</b>	56 832 00	Mounting enclosure for concrete sealed housing Polaron WD2..., for construction height 107 mm	6.5
<b>Polaron WD2 C2 MP M73</b>	50 830 00	Mounting enclosure for Polaron WD2..., construction height 107 mm, for Module 600, with reinforced baseplate, system dimension 600	4.2
<b>Polaron WD2 C2 MP M84</b>	50 833 00	Mounting enclosure for Polaron WD2..., construction height 107 mm, for Module 625, with reinforced baseplate, system dimension 625	5.4

## Concrete casting boxes

Reference <sup>1)</sup>	TOC	Accessory description	≈kg
<b>Polaron WD2 BE</b>	56 830 00	Concrete casting box for Polaron WD2..., for use with with separate mounting enclosure WD2 C...BE	6.5

<sup>1)</sup>Please order mounting enclosure WD2 C...BE separately

## Semi-recessed housings

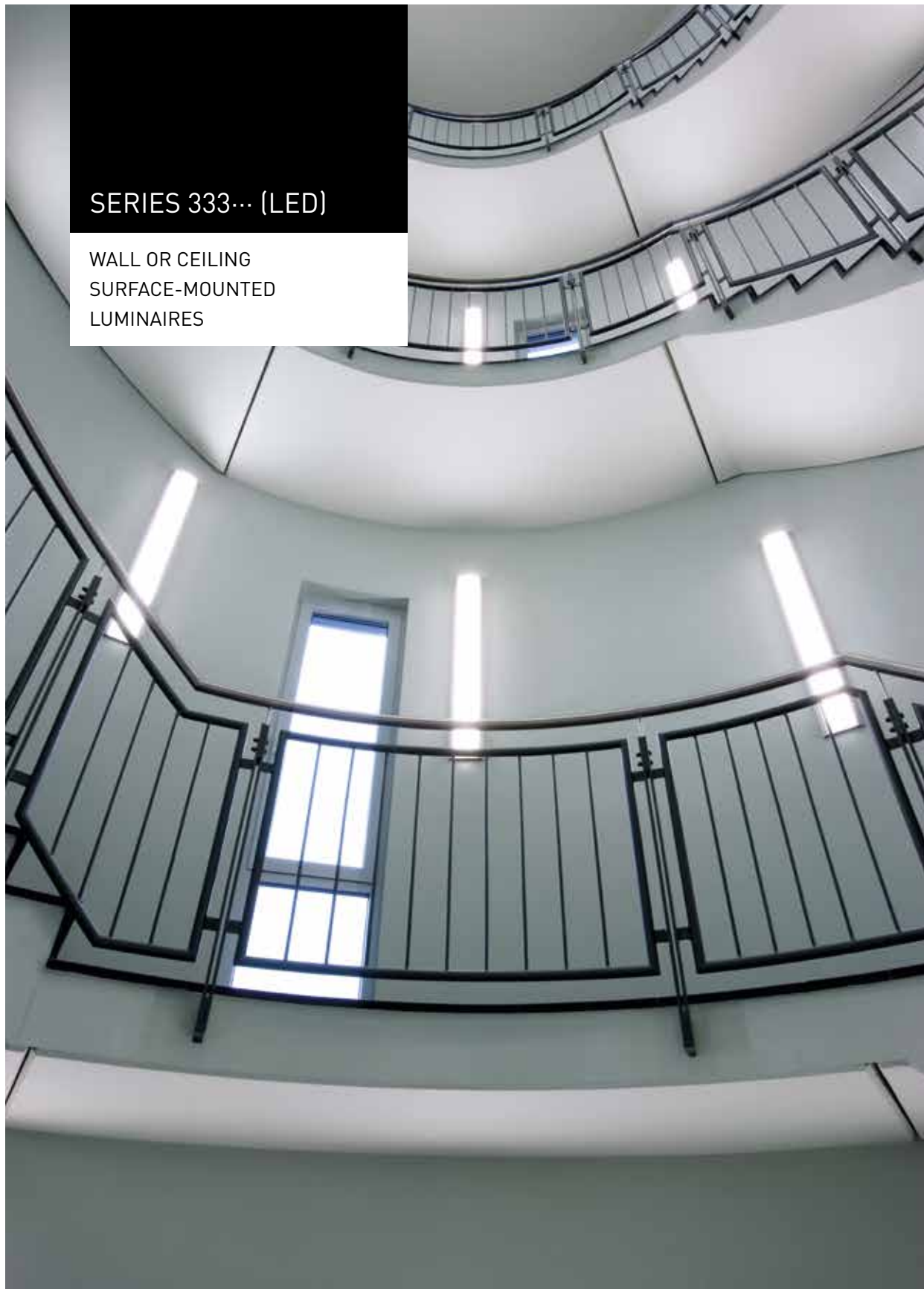


Reference	TOC	Accessory description	≈kg
<b>Polaron WD2 C</b>	50 824 00	Semi-recessed mounting enclosure for Polaron WD2..., for cut-out ceilings	2.1
<b>Polaron WD2 C MP M73</b>	50 831 00	Mounting enclosure for Polaron WD2..., for Module 600, with reinforced baseplate, system dimension 600	3.6
<b>Polaron WD2 C MP M84</b>	50 834 00	Semi-recessed mounting enclosure for Polaron WD2..., for Module 625, with reinforced baseplate, system dimension 625	3.9



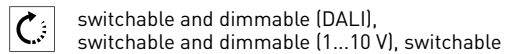
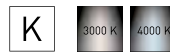
SERIES 333... (LED)

WALL OR CEILING  
SURFACE-MOUNTED  
LUMINAIRES



DIVERSE AND WITH HIGH PROTECTION RATING

- The 333... luminaire series with high IP50 protection is ideal for a diversity of applications such as corridors, stairways and relaxation rooms.
- Mounting the luminaire is child's play thanks to simple removal of the LED insert. The removable insert also enables simple replacement of the LED unit.
- Uniform illumination of the complete diffuser.

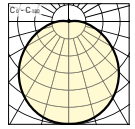
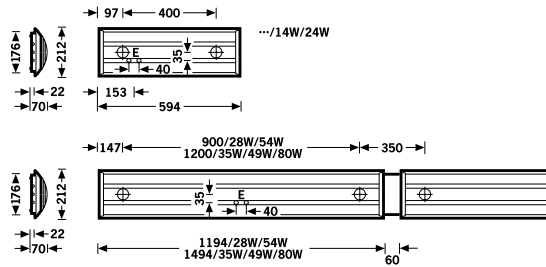
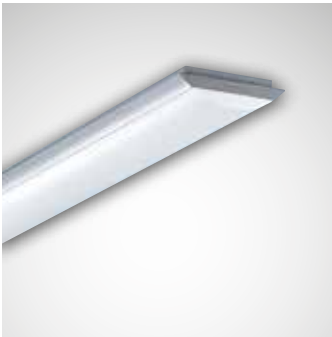


Outstanding luminaire efficiency of up to 116 lm/W

IP50 for increased demands



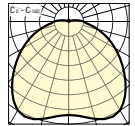
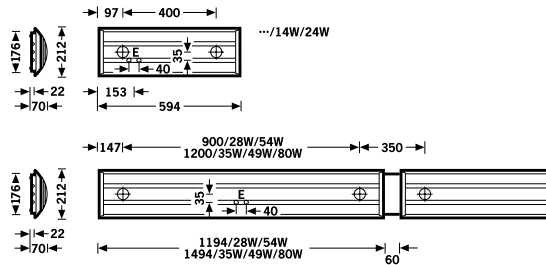
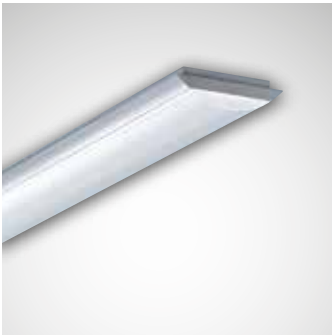
Luminaires with opal diffuser and symmetric reflector, silver-grey



Reference	TOC	...ED	...E		EEC	≈kg
• 3331 M/14/24...	11 099...	...05	...04	1 x 14/24	A+/A/B	2.4
3331 M/28/54...	11 102...	...05	...04	1 x 28/54	A+/A/B/C	4.2
3331 M/35/49/80...	11 104...	...05	...04	1 x 35/49/80	A+/A/B/C	4.9
3331 M PC/14/24...	52 064...	-	...04	1 x 14/24	A+/A/B	2.4
3331 M PC/28/54...	52 065...	-	...04	1 x 28/54	A+/A/B/C	4.2
3331 M PC/35/49/80...	52 066...	-	...04	1 x 35/49/80	A+/A/B/C	4.9

• IK03/0.35 J 650 °C

Luminaires with translucent diffuser and symmetric specular reflector, silver-grey

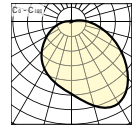
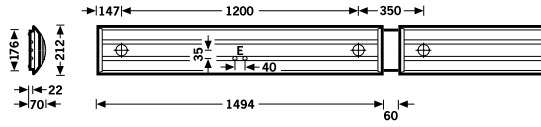
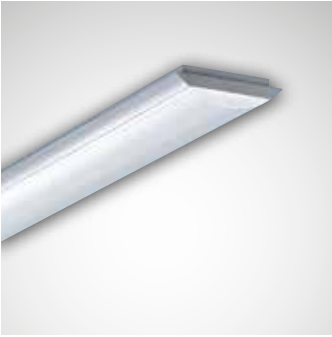


Reference	TOC	...ED	...E		EEC	≈kg
• 3331 M-TS/14/24...	11 112...	...05	...04	1 x 14/24	A+/A/B	2.4
3331 M-TS/28/54...	11 115...	...05	...04	1 x 28/54	A+/A/B/C	4.2
3331 M-TS/35/49/80...	11 117...	...05	...04	1 x 35/49/80	A+/A/B/C	4.2

• IK03/0.35 J 650 °C



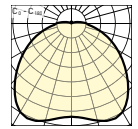
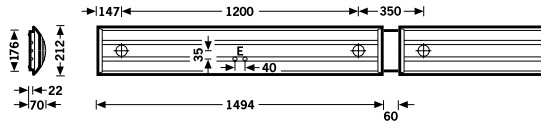
Luminaires with translucent cover and asymmetric specular reflector, silver-grey



Reference	TOC	...ED	...E		EEC	=kg
• 3331 M-TA/35/49/80...	52 613...	...05	...04	1 x 35/49/80	A+/A/B/C	4.2

• IK03/0.35 J 650 °C

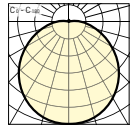
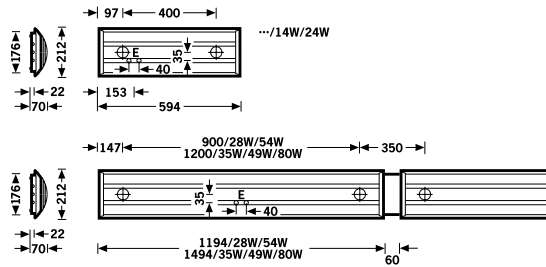
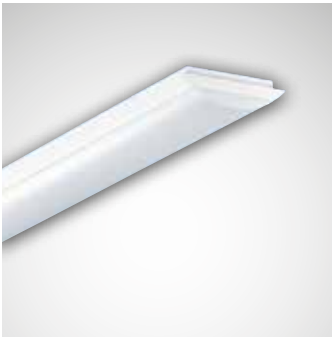
LED luminaires with translucent diffuser and symmetric specular reflector, white



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• 3331 W-TS 3300-830...	61 997...	...51	...40	3300 lm	A++/A+/A	30	5.7
3331 W-TS 3300-840...	61 996...	...51	...40	3500 lm	A++/A+/A	30	5.7

• IK03/0.35 J 650 °C

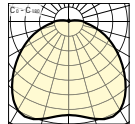
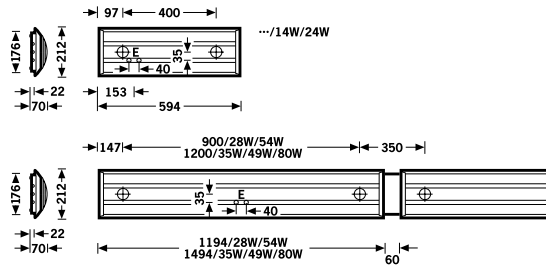
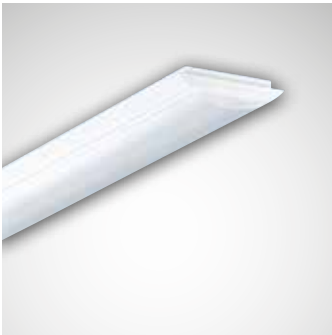
Luminaires with opal diffuser and symmetric reflector, white



Reference	TOC	...ED	...E		EEC	≈kg
• 3331 W/14/24...	11 122...	...05	...04	1 x 14/24	A+/A/B	2.4
3331 W/28/54...	11 125...	...05	...04	1 x 28/54	A+/A/B/C	4.2
3331 W/35/49/80...	11 127...	...05	...04	1 x 35/49/80	A+/A/B/C	4.9
3331 W PC/14/24...	52 071...	-	...04	1 x 14/24	A+/A/B	2.4
3331 W PC/28/54...	52 072...	-	...04	1 x 28/54	A+/A/B/C	4.2
3331 W PC/35/49/80...	52 073...	-	...04	1 x 35/49/80	A+/A/B/C	4.9

• IK03/0.35 J 650 °C

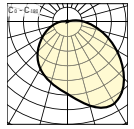
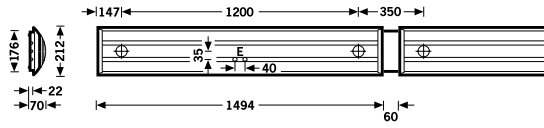
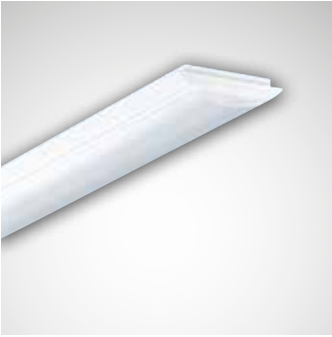
Luminaires with translucent diffuser and symmetric specular reflector, white



Reference	TOC	...ED	...E		EEC	≈kg
• 3331 W-TS/14/24...	11 135...	...05	...04	1 x 14/24	A+/A/B	2.4
3331 W-TS/28/54...	11 138...	...05	...04	1 x 28/54	A+/A/B/C	4.2
3331 W-TS/35/49/80...	11 140...	...05	...04	1 x 35/49/80	A+/A/B/C	4.9

• IK03/0.35 J 650 °C

Luminaires with translucent diffuser and asymmetric specular reflector, white



Reference	TOC	...ED	...E		EEC	=kg
• 3331 W-TA/35/49/80...	52 612...	...05	...04	1 x 35/49/80	A+/A/B/C	4.9

• IK03/0.35 J 650 °C

Infeed accessory for wire suspension

Reference <sup>1)</sup>	TOC	Accessory description	=kg
05000 ESBN	21 517 00	Infeed accessory, consisting of strain-relief systems, mounting screws and connection terminal	0.1

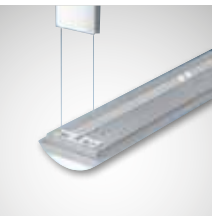
<sup>1)</sup>Cables not included in scope of delivery; must be made available on-site.

Supply tubes for wire suspension

Reference <sup>1)</sup>	TOC	Accessory description	=kg
05000 ZR	21 525 00	Supply tube, plastic, white, Ø 10 mm, length 1000 mm, 1 piece	0.1
05000 ZR/2m	21 526 00	Supply tube, plastic, white, Ø 10 mm, length 2000 mm, 1 piece	0.2

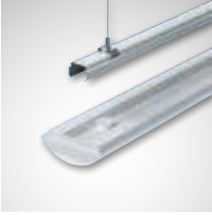
<sup>1)</sup>Cables not included in scope of delivery; must be made available on-site.

Wire suspensions



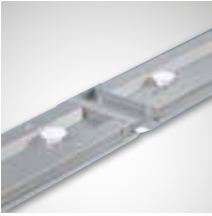
Reference	TOC	Accessory description	=kg
03331 SE	21 475 00	Wire suspension, 1 pair, for individual luminaires or continuous line ends	0.4

### Trunking mountings



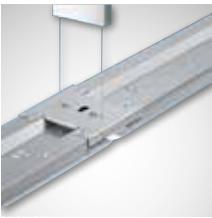
Reference	TOC	Accessory description	≈kg
03331 TRS	21 477 00	Trunking mounting kit, for fixing of 3331... to 07690... trunking	0.4

### Luminaire couplings



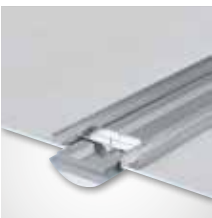
Reference	TOC	Accessory description	≈kg
03331 M-L	21 473 00	Luminaire coupling for surface-mounting, silver-grey, for luminaires 3331 M...	0.1
03331 W-L	21 478 00	Luminaire coupling for surface-mounting, white, for luminaires 3331 W...	0.1

### Continuous line couplings



Reference	TOC	Accessory description	≈kg
03331 M-SL	21 474 00	Continuous line coupling with wire suspension, silver grey, for 3331 M... luminaires	0.6
03331 W-SL	21 479 00	Continuous line coupling with wire suspension, white, for 3331 W... luminaires	0.6

### Mounting accessories

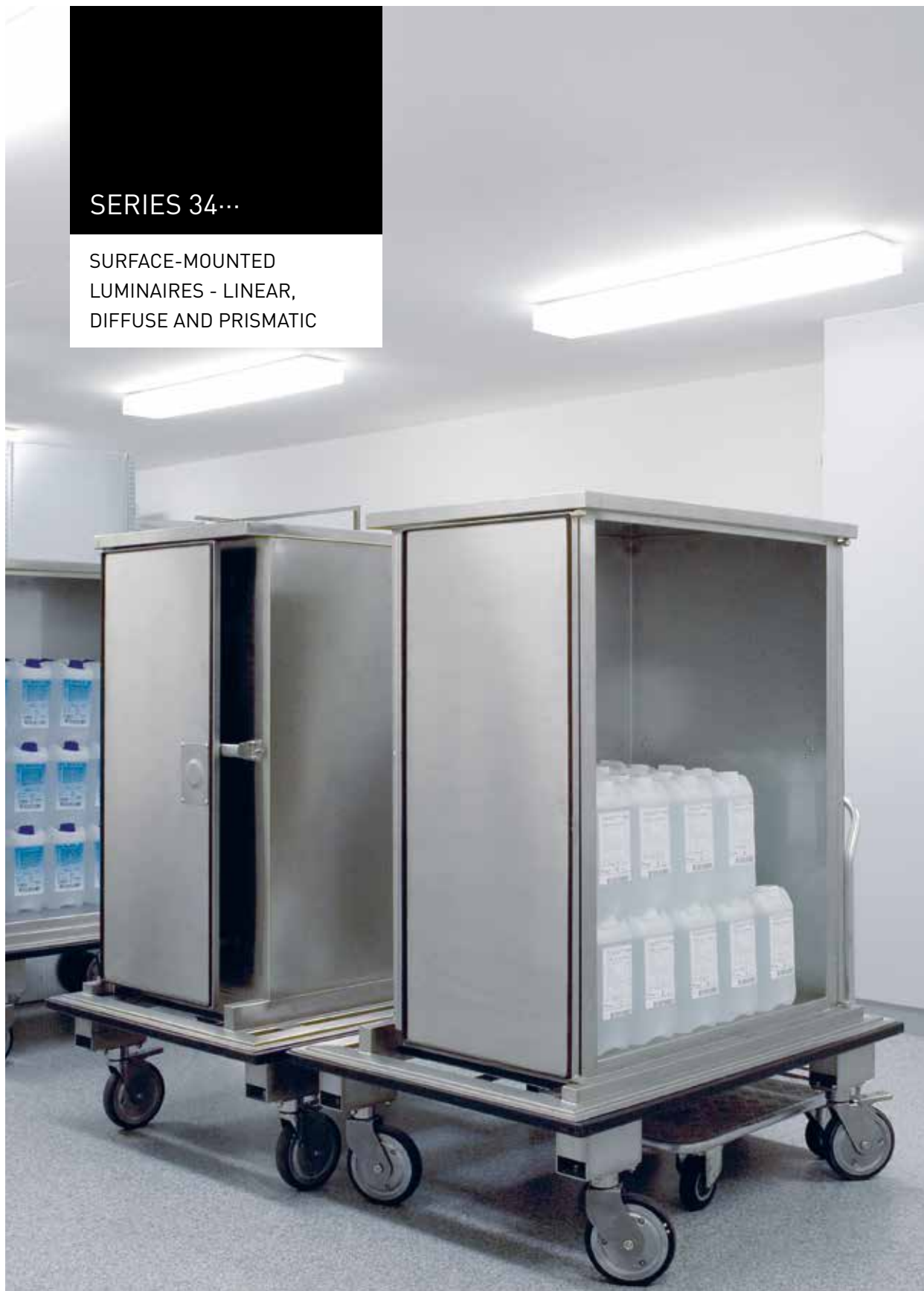


Reference	TOC	Accessory description	≈kg
03331 EB	21 471 00	Mounting accessory for installation in ceiling cut-outs	0.3
03331 ER/600	21 472 00	Mounting accessory for 3331.../14/24 E, for recessing in mortar ceilings or walls	0.8



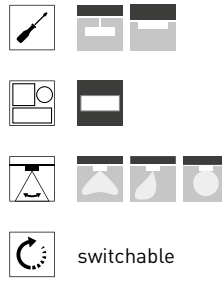
## SERIES 34...

SURFACE-MOUNTED  
LUMINAIRES - LINEAR,  
DIFFUSE AND PRISMATIC

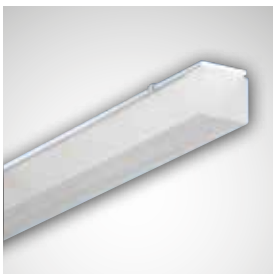


## THE UNIVERSAL COMPANION FOR CLASSROOMS AND ANCILLARY ROOMS

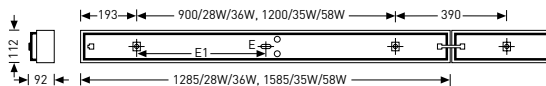
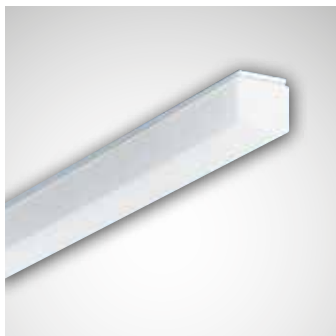
- Classic design, available with opal or prismatic diffuser.
- Thanks to limited surface temperatures and increased protection rating, also suitable for use in rooms with high risk of fire.
- Suitable for ceiling mounting, with accessories also suitable for mounting to trunking and for pendant suspension.



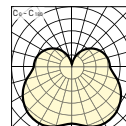
With prismatic diffuser



Surface-mounted luminaires with opal PMMA diffuser



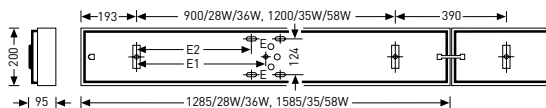
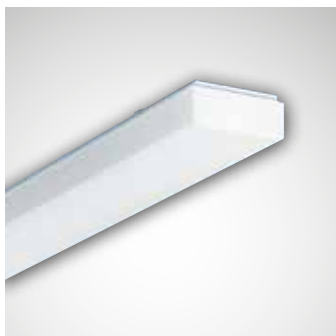
E1: 450/28W/36W, 600/35W/58W



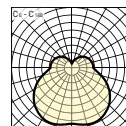
Reference	TOC	...E		EEC	≈kg
• 3451N/28/54...	58 726...	...04	1 x 28/54	A+/A/B/C	2.5
3451N/35/49/80...	58 727...	...04	1 x 35/49/80	A+/A/B/C	4.4

• IK02/0.2 J 650 °C

Surface-mounted luminaires with opal PMMA diffuser



E1: 450/28W/36W, 600/35W/58W  
E2: 400/28W/36W, 450/35/58W

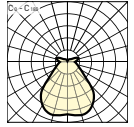
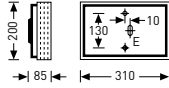
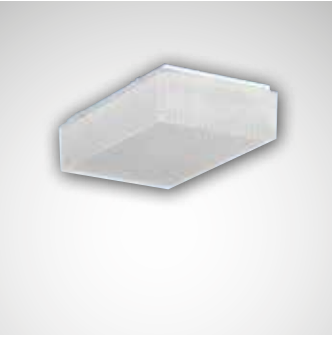


Reference	TOC	...E		EEC	≈kg
• 3452N/35/49...	58 728...	...04	2 x 35/49	A+/A/B	7.2

• IK02/0.2 J 650 °C



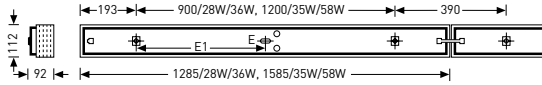
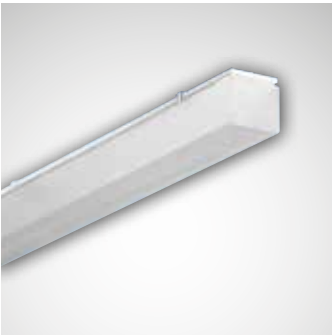
Surface-mounted luminaires with PMMA prismatic diffuser



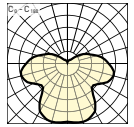
Reference	TOC	...E		EEC	=kg
• 3452 P/TC11...	11 186...	...04	2 x TC 11	A	2.9

• IK02/0.2 J 650 °C

Surface-mounted luminaires with PMMA prismatic diffuser



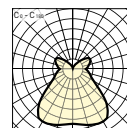
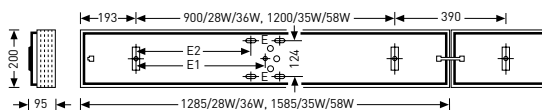
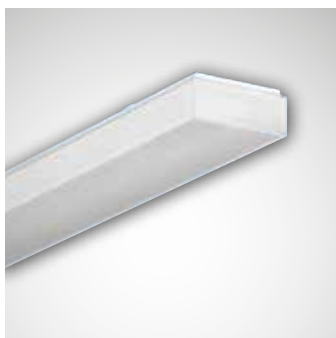
E1: 450/28W/36W, 600/35W/58W



Reference	TOC	...E		EEC	=kg
• 3451 PN/28/54...	58 729...	...04	1 x 28/54	A+/A/B/C	3.5
3451 PN/35/49/80...	58 730...	...04	1 x 35/49/80	A+/A/B/C	4.6

• IK02/0.2 J 650 °C

Surface-mounted luminaires with PMMA prismatic diffuser



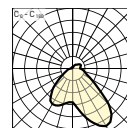
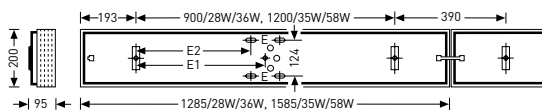
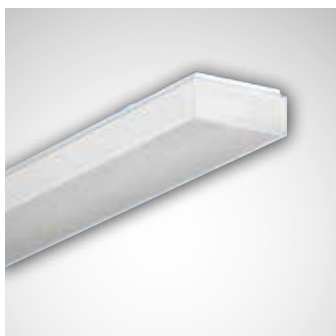
E1: 450/28W/36W, 600/35W/58W  
E2: 400/28W/36W, 550/35W/58W



Reference	TOC	...E		EEC	≈kg
• 3452 PN/35/49...	58 665...	...04	2 x 35/49	A+/A/B	7.6

• IK02/0.2 J 650 °C

Surface-mounted luminaires with PMMA prismatic diffuser and specular reflector, asymmetrical



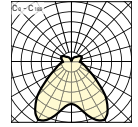
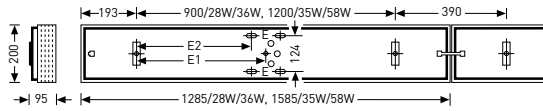
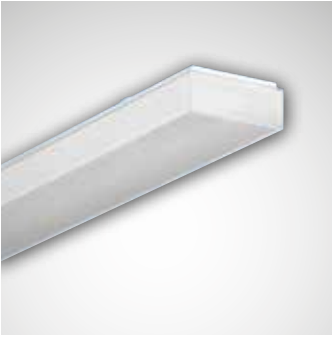
E1: 450/28W/36W, 600/35W/58W  
E2: 400/28W/36W, 550/35W/58W



Reference	TOC	...E		EEC	≈kg
• 3441 PSAN/35/49/80...	58 725...	...04	1 x 35/49/80	A+/A/B/C	6.6

• IK02/0.2 J 650 °C

Surface-mounted luminaires with PMMA prismatic diffuser and specular reflector, symmetrical



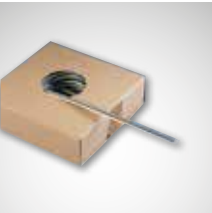
E1: 450/28W/36W, 600/35W/58W  
E2: 400/28W/36W, 550/35W/58W



Reference	TOC	...E		EEC	=kg
• 3441 PSN/28/54...	58 724...	...04	1 x 28/54	A+/A/B/C	4.9
3441 PSN/35/49/80...	40 046...	...04	1 x 35/49/80	A+/A/B/C	6.6

• IK02/0.2 J 650 °C

Through-wirings

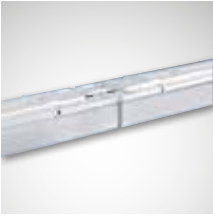


Reference	TOC	Accessory description	=kg
07690/5LV/25m	21 890 00	Through-wiring 5 x 1.5 mm <sup>2</sup> , length 25 m	2.5
3450/3LV/36	11 169 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , with luminaire coupling, for 28, 36 or 54 W luminaires, length 1450 mm	0.1
3450/5LV/36	11 171 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , with luminaire coupling, for 28, 36 or 54 W luminaires, length 1450 mm	0.1

Pendant suspensions



Reference	TOC	Accessory description	=kg
78	29 268 00	Pendant suspension, length 900 mm, white, Ø 13 mm	0.6

**Luminaire couplings**

Reference	TOC	Accessory description	≈kg
3450	11 168 00	Luminaire coupling, without wiring	0.1



## LATERALO PLUS LED

SUSPENDED  
LED LUMINAIRES  
WITH BLG SYSTEM
















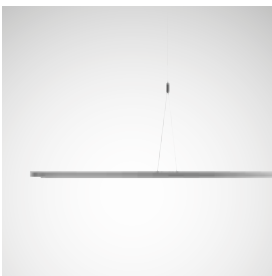
## INNOVATIVE OPTIC FOR OUTSTANDING OFFICE LIGHT

- Unique quality of light due to intelligent combination of direct and indirect light components.  
With configuration in two levels (Binary Light Guide System - BLGS) and in double quantity, prismatic points bring together the LED light to emit a new strength of light.
- Outstanding quality of light also with low ceiling heights due to especially wide indirect light component.
- Ultra-flat and without a visible power cable, the Lateralo Plus with transparent panel appears to float in the room.



-  
-  
-  ✓
-   
-  > 50,000 h
-  switchable and dimmable (DALI)
-  ActiLume control device and sensor unit

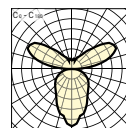
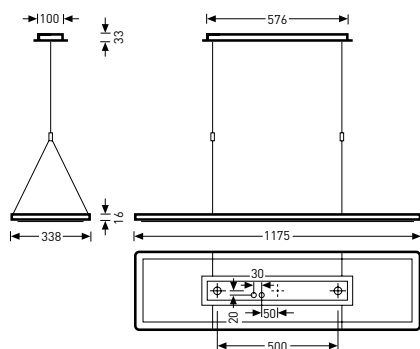
Power supply via filigree wire suspension



Intelligent bi-level networking of state-of-the-art prismatic technology



## Exclusive suspended LED luminaires with Binary Light Guide System (BLGS) and Daylight/presence sensor



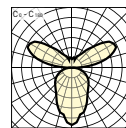
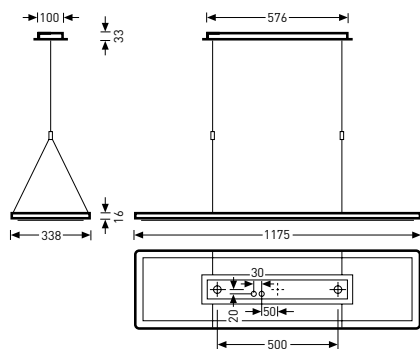
Reference	TOC	...ETDD		EEC	W	≈kg
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White, LED, with daylight and presence sensor

• <b>LateraloP H1 BLGS 6000-840...+AM2 01</b>	63 643...	...51	6400 lm	A++/A+/A	58	9.2
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• IK02/0.2 J 650 °C

## Exclusive suspended LED luminaires with Binary Light Guide System (BLGS)



Reference	TOC	...ETDD		EEC	W	≈kg
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White, LED

• <b>LateraloP H1 BLGS 6000-830...01</b>	64 879...	...51	6100 lm	A++/A+/A	58	8.5
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<b>LateraloP H1 BLGS 6000-840...01</b>	63 487...	...51	6400 lm	A++/A+/A	58	8.5
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Silver-grey, LED

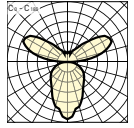
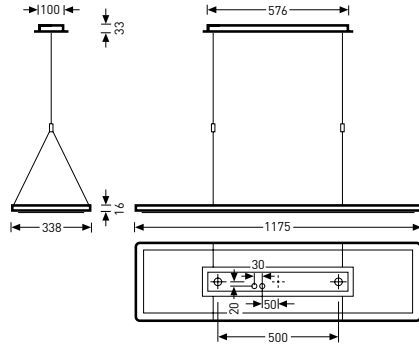
<b>LateraloP H1 BLGS 6000-830...03</b>	63 636...	...51	6100 lm	A++/A+/A	58	8.5
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<b>LateraloP H1 BLGS 6000-840...03</b>	63 488...	...51	6400 lm	A++/A+/A	58	8.5
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• IK02/0.2 J 650 °C



## Exclusive suspended LED luminaires with Binary Light Guide System (BLGS) and extra high light output

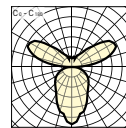
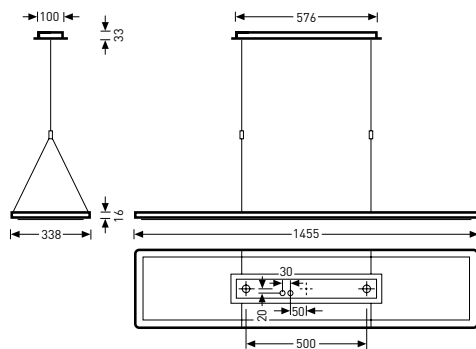


IP20

Reference	TOC	...ETDD		EEC	W	=kg
White, LED						
• LateraloP H1 BLGS 7500-830...01	64 880...	...51	7600 lm	A++/A+/A	75	8.5
LateraloP H1 BLGS 7500-840...01	63 650...	...51	8000 lm	A++/A+/A	75	8.5
Silver-grey, LED						
LateraloP H1 BLGS 7500-830...03	64 881...	...51	7600 lm	A++/A+/A	75	8.5
LateraloP H1 BLGS 7500-840...03	63 651...	...51	8000 lm	A++/A+/A	75	8.5

• IK02/0.2 J 650 °C

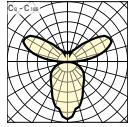
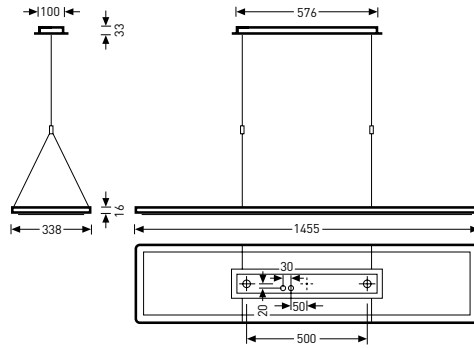
## Exclusive suspended LED luminaires with Binary Light Guide System (BLGS)



Reference	TOC	...ETDD		EEC	W	≈kg
White, LED						
• LateraloP H2 BLGS 7500-830...01	63 637...	...51	7600 lm	A++/A+/A	72	9.5
LateraloP H2 BLGS 7500-840...01	63 489...	...51	8000 lm	A++/A+/A	72	9.5
Silver-grey, LED						
LateraloP H2 BLGS 7500-830...03	63 638...	...51	7600 lm	A++/A+/A	72	9.5
LateraloP H2 BLGS 7500-840...03	63 490...	...51	8000 lm	A++/A+/A	72	9.5

• IK02/0.2 J 650 °C

## Exclusive suspended LED luminaires with Binary Light Guide System (BLGS) and extra high light output



Reference	TOC	...ETDD		EEC	W	=kg
White, LED						
• LateraloP H2 BLGS 9000-830...01	64 882...	...51	9100 lm	A++/A+/A	90	9.5
LateraloP H2 BLGS 9000-840...01	63 652...	...51	9600 lm	A++/A+/A	90	9.5
Silver-grey, LED						
LateraloP H2 BLGS 9000-830...03	64 883...	...51	9100 lm	A++/A+/A	90	9.5
LateraloP H2 BLGS 9000-840...03	63 653...	...51	9600 lm	A++/A+/A	90	9.5

• IK02/0.2 J 650 °C

### Recessing accessories

Reference	TOC	Accessory description	=kg
LateraloP C	63 491 00	Fixing accessory for flush installation of the ceiling rose into cut ceilings.	1.4

### Mounting plates

Reference	TOC	Accessory description	=kg
LateraloP MP M73	63 493 00	Accessory for reinforcing module plates in module ceiling modules 600	3.9
LateraloP MP M84	63 492 00	Accessory for reinforcing module plates in module ceiling modules 625	4.6

## LATERALO RING LED

SUSPENDED ROUND  
LED LUMINAIRES  
WITH BLG SYSTEM



## LED OPTIC AS A CIRCULAR SURFACE FOR PRESTIGIOUS ROOM LIGHT

- Outstanding visual comfort due to wide-area uniform light and ideally matched direct and indirect light components.
- Luminaire with particularly light-weight appearance due to transparent panel and suspension via three thin cords without visible power cable.
- Premium LEDs in combination with the Binary Light Guide System reduce energy overheads.
- Circular design for flexible planning and use and for attractive contrasting appearance.

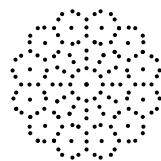


> 50,000 h



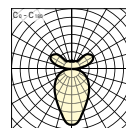
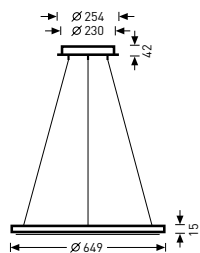
switchable and dimmable (DALI)

### Concentric poetry



Binary Light Guide System

## Suspended LED luminaires with direct and indirect light component, round construction



Reference	TOC	...ETDD		EEC	W	≈kg
White, LED						
• LateraloR H1 BLGS 6000-830...01	64 930...	...51	5700 lm	A++/A+/A	54	7.5
LateraloR H1 BLGS 6000-840...01	63 672...	...51	6000 lm	A++/A+/A	54	7.5
Silver-grey, LED						
LateraloR H1 BLGS 6000-830...03	64 931...	...51	5700 lm	A++/A+/A	54	7.5
LateraloR H1 BLGS 6000-840...03	63 673...	...51	6000 lm	A++/A+/A	54	7.5

• IK02/0.2 J 650 °C

### Mounting accessories

Reference	TOC	Accessory description	≈kg
LateraloR C	63 674 00	Fixing accessory for flush installation of the ceiling rose into cut ceilings	0.5

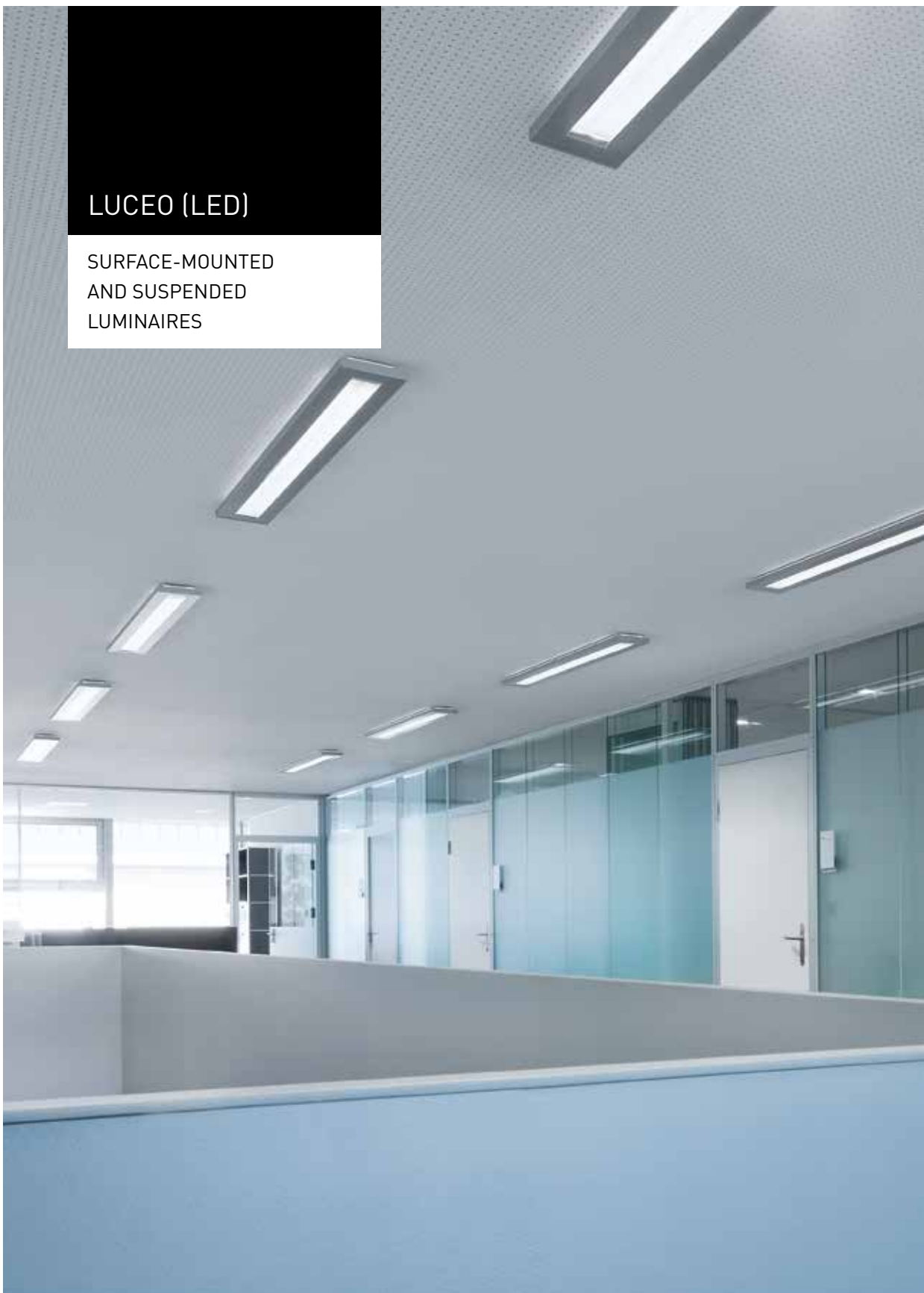
### Accessories

Reference	TOC	Accessory description	≈kg
LateraloR MP M73	63 676 00	Accessory for use in module ceilings, module 600	1.6
LateraloR MP M84	63 675 00	Accessory for use in module ceilings, module 625	1.7



## LUCEO (LED)

SURFACE-MOUNTED  
AND SUSPENDED  
LUMINAIRES

















## FILIGREE SURFACE-MOUNTED AND SUSPENDED LUMINAIRE

- Can be used either as a single luminaire or as part of a continuous line, two different luminous flux packages (4000 lm/6300 lm) for flexible adaptation to a diversity of framework conditions.
- Uniform and therefore glare-free light distribution ensures outstanding quality of light and high visual comfort.
- Perfect for refurbishing existing Luceo T5 lighting installations due to use of already existing suspension points and continuous line connectors.

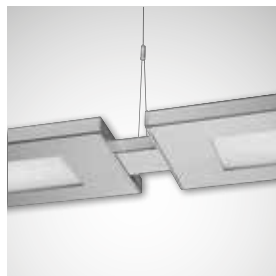


-  
-  
-  
-  ✓
-  
-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  ActiLume control device and sensor unit, EnOcean-standard radio receiver

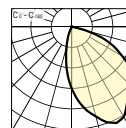
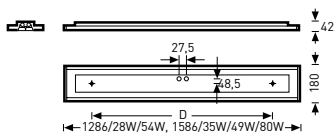
Fine-prism structures for all-round glare reduction



Continuous line versions for high flexibility



## Surface-mounted luminaires with RAX wallwasher reflector



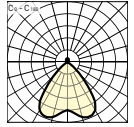
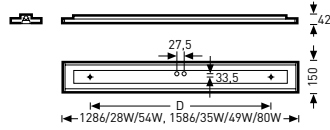
D: 900/28W/54W, 1200/35W/49W/80W



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo D RAX 128/54...01	49 015...	...07	...04	1 x 28/54	A+/A/B/C	4.3
Luceo D RAX 135/49/80...01	49 016...	...07	...04	1 x 35/49/80	A+/A/B/C	5.3
Silver-grey						
Luceo D RAX 128/54...03	49 013...	...07	...04	1 x 28/54	A+/A/B/C	4.3
Luceo D RAX 135/49/80...03	49 014...	...07	...04	1 x 35/49/80	A+/A/B/C	5.3

• IK02/0.2 J 850 °C

## Surface-mounted luminaires with highly specular ultra-low cross-section louvre UXP-H



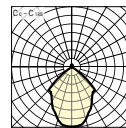
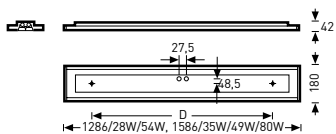
D: 900/28W/54W, 1200/35W/49W/80W



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo D UXP-H 128/54...01	49 005...	...07	...04	1 x 28/54	A+/A/B/C	3.7
Luceo D UXP-H 135/49/80...01	49 006...	...07	...04	1 x 35/49/80	A+/A/B/C	4.4
Silver-grey						
Luceo D UXP-H 128/54...03	48 997...	...07	...04	1 x 28/54	A+/A/B/C	3.7
Luceo D UXP-H 128/54...+ActiM 03	59 903...	...07	-	1 x 28/54	A+/A/B/C	5.0
Luceo D UXP-H 135/49/80...03	48 998...	...07	...04	1 x 35/49/80	A+/A/B/C	4.4
Luceo D UXP-H 135/49/80...+ActiM 03	59 905...	...07	-	1 x 35/49/80	A+/A/B/C	5.3

• IK02/0.2 J 850 °C

## Surface-mounted luminaires with highly specular ultra-low cross-section louvre UXP-H



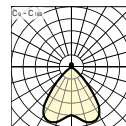
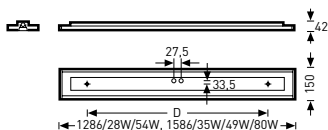
D: 900/28W/54W, 1200/35W/49W/80W



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo D UXP-H 228/54...01	49 007...	...07	...04	2 x 28/54	A+/A/B/C	4.2
Luceo D UXP-H 235/49...01	49 008...	...07	...04	2 x 35/49	A+/A/B	5.3
Luceo D UXP-H 280...01	45 857...	...07	...04	2 x 80	A+/A/B/C	5.2
Silver-grey						
Luceo D UXP-H 228/54...03	48 999...	...07	...04	2 x 28/54	A+/A/B/C	4.2
Luceo D UXP-H 235/49...03	49 000...	...07	...04	2 x 35/49	A+/A/B	5.2
Luceo D UXP-H 280...03	45 858...	...07	...04	2 x 80	A+/A/B/C	5.2

• IK02/0.2 J 850 °C

## Surface-mounted luminaires with UXP-S semi-specular, ultra-low cross-section louvre



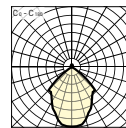
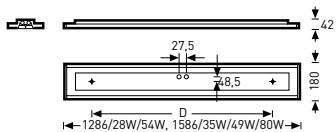
D: 900/28W/54W, 1200/35W/49W/80W



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo D UXP-S 128/54...01	49 009...	...07	...04	1 x 28/54	A+/A/B/C	3.7
Luceo D UXP-S 135/49/80...01	49 010...	...07	...04	1 x 35/49/80	A+/A/B/C	4.7
Silver-grey						
Luceo D UXP-S 128/54...03	49 001...	...07	...04	1 x 28/54	A+/A/B/C	3.7
Luceo D UXP-S 135/49/80...03	49 002...	...07	...04	1 x 35/49/80	A+/A/B/C	4.7

• IK02/0.2 J 850 °C

## Surface-mounted luminaires with UXP-S semi-specular, ultra-low cross-section louvre



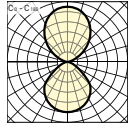
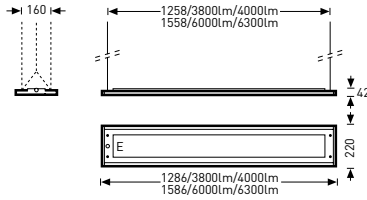
D: 900/28W/54W, 1200/35W/49W/80W



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo D UXP-S 228/54...01	49 011...	...07	...04	2 x 28/54	A+/A/B/C	4.2
Luceo D UXP-S 235/49...01	49 012...	...07	...04	2 x 35/49	A+/A/B	5.2
Luceo D UXP-S 280...01	45 877...	-	...04	2 x 80	A+/A/B/C	5.2
Silver-grey						
Luceo D UXP-S 228/54...03	49 003...	...07	...04	2 x 28/54	A+/A/B/C	4.2
Luceo D UXP-S 235/49...03	49 004...	...07	...04	2 x 35/49	A+/A/B	5.2
Luceo D UXP-S 280...03	45 878...	...07	...04	2 x 80	A+/A/B/C	4.4

• IK02/0.2 J 850 °C

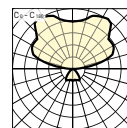
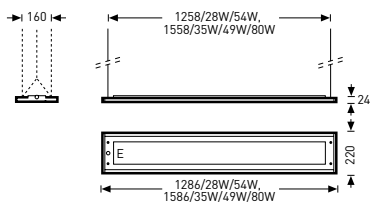
## Suspended LED luminaires with CDP fine-prism structure



Reference	TOC	...ETDD	...ET		EEC	W	=kg
Silver-grey							
• Luceo H CDP LED 3800-830...03	63 019...	...51	...40	3800 lm	A++/A+/A	40	6.4
Luceo H CDP LED 4000-840...03	63 020...	...51	...40	4000 lm	A++/A+/A	40	6.4
Luceo H CDP LED 4000-840...+ACTIM 03	63 021...	...51	-	4000 lm	A++/A+/A	40	6.5
Luceo H CDP LED 6000-830...03	63 022...	...51	...40	6000 lm	A++/A+/A	63	7.7
Luceo H CDP LED 6300-840...03	63 023...	...51	...40	6300 lm	A++/A+/A	63	7.7
Luceo H CDP LED 6300-840...+ACTIM 03	63 024...	...51	-	6300 lm	A++/A+/A	63	7.8

• IK02/0.2 J 650 °C

## Suspended luminaires with CDP fine-prism structure

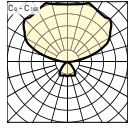
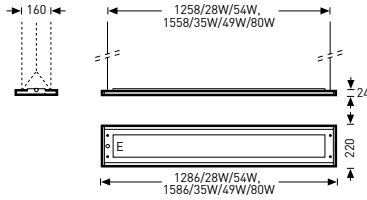


Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H CDP 128/54...01	49 063...	...07	...04	1 x 28/54	A+/A/B/C	5.0
Luceo H CDP 135/49/80...01	49 064...	...07	...04	1 x 35/49/80	A+/A/B/C	6.1
Silver-grey						
Luceo H CDP 128/54...03	49 061...	...07	...04	1 x 28/54	A+/A/B/C	5.0
Luceo H CDP 128/54...+ActiM 03	59 900...	...07	-	1 x 28/54	A+/A/B/C	5.0
Luceo H CDP 135/49/80...03	49 062...	...07	...04	1 x 35/49/80	A+/A/B/C	6.1
Luceo H CDP 135/49/80...+ActiM 03	59 901...	...07	-	1 x 35/49/80	A+/A/B/C	6.1

• IK02/0.2 J 650 °C



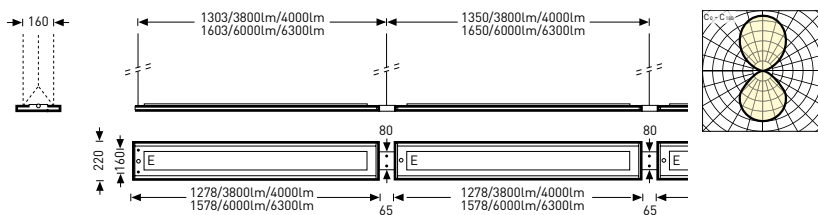
## Suspended luminaires with CDP fine-prism structure



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo H CDP 228/54...01	49 067...	...07	...04	2 x 28/54	A+/A/B/C	5.0
Luceo H CDP 235/49...01	49 068...	...07	...04	2 x 35/49	A+/A/B	6.1
Luceo H CDP 280...01	46 855...	...07	...04	2 x 80	A+/A/B/C	6.1
Silver-grey						
Luceo H CDP 228/54...03	49 065...	...07	...04	2 x 28/54	A+/A/B/C	5.0
Luceo H CDP 235/49...03	49 066...	...07	...04	2 x 35/49	A+/A/B	6.1
Luceo H CDP 280...03	46 856...	...07	...04	2 x 80	A+/A/B/C	6.1

• IK02/0.2 J 650 °C

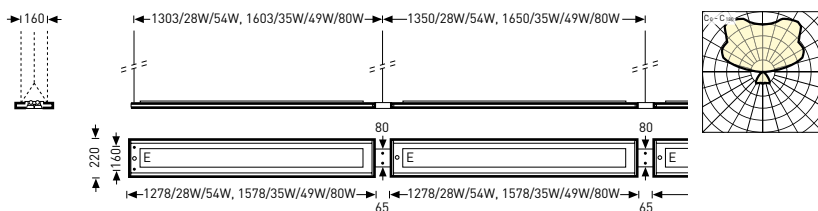
## Suspended LED luminaires with CDP fine-prism structure



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Silver-grey							
• Luceo H-L CDP LED 3800-830...03	62 839...	...51	...40	3800 lm	A++/A+/A	40	6.5
Luceo H-L CDP LED 4000-840...03	62 840...	...51	...40	4000 lm	A++/A+/A	40	6.5
Luceo H-L CDP LED 4000-840...+ActiM 03	62 841...	...51	-	4000 lm	A++/A+/A	40	6.6
Luceo H-L CDP LED 6000-830...03	62 842...	...51	...40	6000 lm	A++/A+/A	63	7.8
Luceo H-L CDP LED 6300-840...03	62 843...	...51	...40	6300 lm	A++/A+/A	63	7.8
Luceo H-L CDP LED 6300-840...+ActiM 03	62 844...	...51	-	6300 lm	A++/A+/A	63	7.9

• IK02/0.2 J 650 °C

## Suspended continuous line luminaires with CDP fine-prism structure

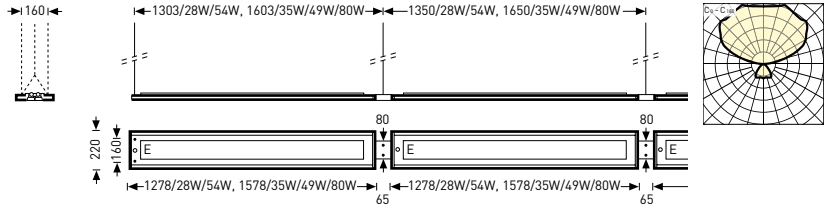


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H-L CDP 128/54...01	49 907...	...07	...04	1 x 28/54	A+/A/B/C	5.0
Luceo H-L CDP 135/49/80...01	49 908...	...07	...04	1 x 35/49/80	A+/A/B/C	5.0
Silver-grey						
Luceo H-L CDP 128/54...03	49 912...	...07	...04	1 x 28/54	A+/A/B/C	6.1
Luceo H-L CDP 135/49/80...03	49 913...	...07	...04	1 x 35/49/80	A+/A/B/C	6.1

<sup>1)</sup>Please order end caps for continuous line ends separately

• IK02/0.2 J 650 °C

## Suspended continuous line luminaires with CDP fine-prism structure

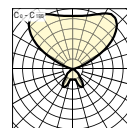
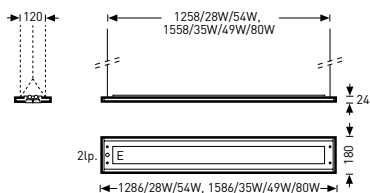


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Luceo H-L CDP 228/54...01	49 909...	...07	...04	2 x 28/54	A+/A/B/C	5.0
Luceo H-L CDP 235/49...01	49 910...	...07	...04	2 x 35/49	A+/A/B	6.1
Luceo H-L CDP 280...01	49 911...	...07	...04	2 x 80	A+/A/B/C	6.1
Silver-grey						
Luceo H-L CDP 228/54...03	49 914...	...07	...04	2 x 28/54	A+/A/B/C	5.0
Luceo H-L CDP 235/49...03	49 915...	...07	...04	2 x 35/49	A+/A/B	6.1
Luceo H-L CDP 235/49/80...+ActiM 03	52 402...	...07	-	2 x 35/49/80	A+/A/B/C	6.5
Luceo H-L CDP 280...03	49 916...	...07	...04	2 x 80	A+/A/B/C	6.1

<sup>1)</sup>Please order end caps for continuous line ends separately

• IK02/0.2 J 650 °C

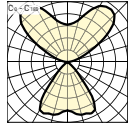
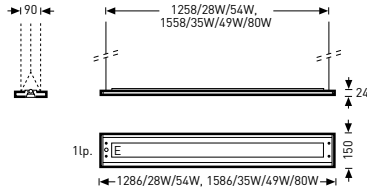
## Suspended workzone luminaires with UXP-AD ultra-low cross-section workzone louvre



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H UXP-AD 228/54...01	49 035...	...07	...04	2 x 28/54	A+/A/B/C	4.2
Luceo H UXP-AD 235/49...01	49 036...	...07	...04	2 x 35/49	A+/A/B	5.4
Luceo H UXP-AD 280...01	45 735...	...07	...04	2 x 80	A+/A/B/C	5.4
Silver-grey						
Luceo H UXP-AD 228/54...03	49 033...	...07	...04	2 x 28/54	A+/A/B/C	4.2
Luceo H UXP-AD 228/54...+ActiM 03	59 904...	...07	-	2 x 28/54	A+/A/B/C	3.9
Luceo H UXP-AD 235/49...03	49 034...	...07	...04	2 x 35/49	A+/A/B	5.4
Luceo H UXP-AD 235/49/80...+ActiM 03	51 080...	...07	-	2 x 35/49/80	A+/A/B/C	5.4
Luceo H UXP-AD 280...03	45 736...	...07	...04	2 x 80	A+/A/B/C	5.4

• IK02/0.2 J 850 °C

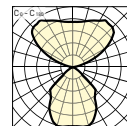
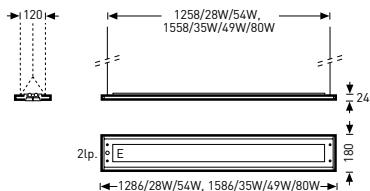
## Suspended luminaires with highly specular ultra-low cross-section louvre UXP-H



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo H UXP-H 128/54...01	49 025...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H UXP-H 135/49/80...01	49 026...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1
Silver-grey						
Luceo H UXP-H 128/54...03	49 017...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H UXP-H 128/54...+ActiM 03	59 902...	...07	-	1 x 28/54	A+/A/B/C	3.6
Luceo H UXP-H 135/49/80...03	49 018...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1
Luceo H UXP-H 135/49/80...+ActiM 03	56 432...	...07	-	1 x 35/49/80	A+/A/B/C	4.3
Luceo H UXP-H 135/49/80...+EOM 03	60 030...	...07	-	1 x 35/49/80	A+/A/B/C	3.9

• IK02/0.2 J 850 °C

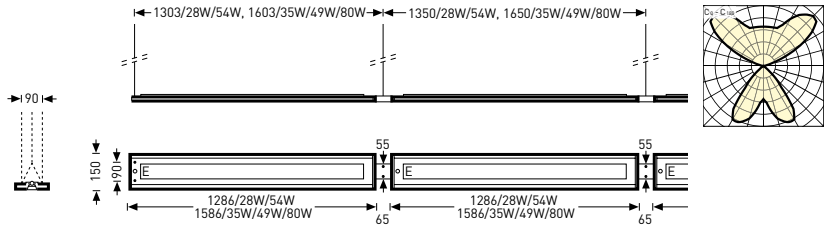
## Suspended luminaires with highly specular ultra-low cross-section louvre UXP-H



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H UXP-H 228/54...01	49 027...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H UXP-H 235/49...01	49 028...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H UXP-H 280...01	45 898...	...07	...04	2 x 80	A+/A/B/C	4.9
Silver-grey						
Luceo H UXP-H 228/54...03	49 019...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H UXP-H 228/54...+ActiM 03	50 460...	...07	-	2 x 28/54	A+/A/B/C	3.9
Luceo H UXP-H 235/49...03	49 020...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H UXP-H 235/49/80...+ActiM 03	51 113...	...07	-	2 x 35/49/80	A+/A/B/C	4.9
Luceo H UXP-H 280...03	45 899...	...07	...04	2 x 80	A+/A/B/C	4.9

• IK02/0.2 J 850 °C

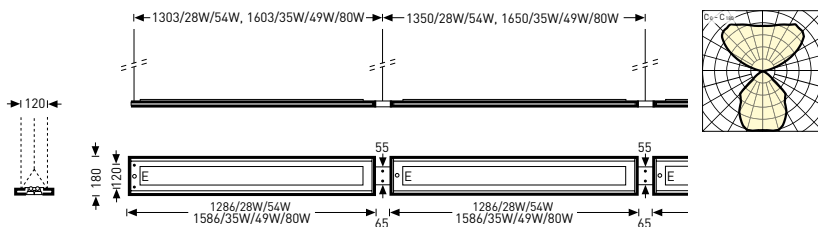
## Suspended continuous line luminaires with highly specular ultra-low cross-section louvre UXP-H



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo H-L UXP-H 128/54...01	49 045...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H-L UXP-H 135/49/80...01	49 046...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1
Silver-grey						
Luceo H-L UXP-H 128/54...03	49 037...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H-L UXP-H 135/49/80...03	49 038...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1

• IK02/0.2 J 850 °C

## Suspended continuous line luminaires with highly specular ultra-low cross-section louvre UXP-H

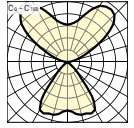
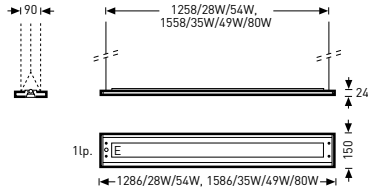


Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H-L UXP-H 228/54...01	49 047...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H-L UXP-H 235/49...01	49 048...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H-L UXP-H 280...01	46 885...	...07	...04	2 x 80	A+/A/B/C	4.9
Silver-grey						
Luceo H-L UXP-H 228/54...03	49 039...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H-L UXP-H 235/49...03	49 040...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H-L UXP-H 280...03	46 886...	...07	...04	2 x 80	A+/A/B/C	4.9

• IK02/0.2 J 850 °C



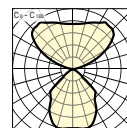
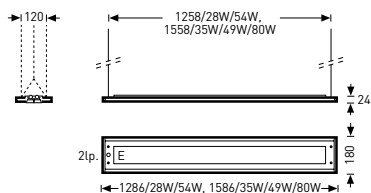
## Suspended luminaires with UXP-S semi-specular, ultra-low cross-section louvre



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo H UXP-S 128/54...01	49 029...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H UXP-S 135/49/80...01	49 030...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1
Silver-grey						
Luceo H UXP-S 128/54...03	49 021...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H UXP-S 135/49/80...03	49 022...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1

• IK02/0.2 J 850 °C

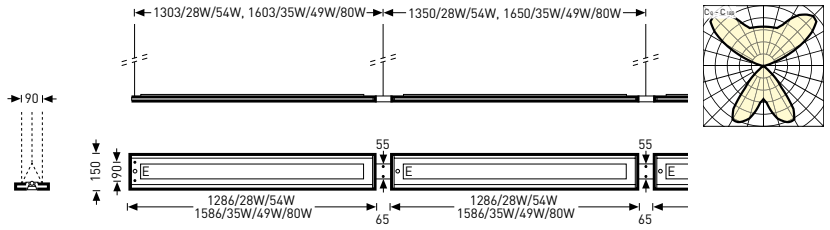
## Suspended luminaires with UXP-S semi-specular, ultra-low cross-section louvre



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H UXP-S 228/54...01	49 031...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H UXP-S 235/49...01	49 032...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H UXP-S 280...01	45 918...	...07	...04	2 x 80	A+/A/B/C	4.9
Silver-grey						
Luceo H UXP-S 228/54...03	49 023...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H UXP-S 235/49...03	49 024...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H UXP-S 280...03	45 919...	...07	...04	2 x 80	A+/A/B/C	4.9

• IK02/0.2 J 850 °C

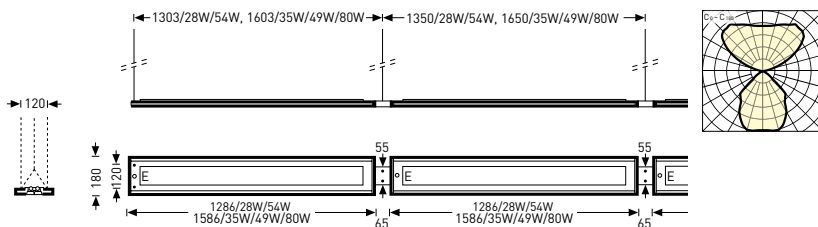
## Suspended continuous line luminaires with UXP-S semi-specular, ultra-low cross-section louvre



Reference	TOC	...EDD	...E		EEC	=kg
White						
• Luceo H-L UXP-S 128/54...01	49 049...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H-L UXP-S 135/49/80...01	49 050...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1
Silver-grey						
Luceo H-L UXP-S 128/54...03	49 041...	...07	...04	1 x 28/54	A+/A/B/C	3.4
Luceo H-L UXP-S 135/49/80...03	49 042...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1

• IK02/0.2 J 850 °C

## Suspended continuous line luminaires with UXP-S semi-specular, ultra-low cross-section louvre



Reference	TOC	...EDD	...E		EEC	≈kg
White						
• Luceo H-L UXP-S 228/54...01	49 051...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H-L UXP-S 235/49...01	49 052...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H-L UXP-S 280...01	46 905...	...07	...04	2 x 80	A+/A/B/C	4.9
Silver-grey						
Luceo H-L UXP-S 228/54...03	49 043...	...07	...04	2 x 28/54	A+/A/B/C	3.9
Luceo H-L UXP-S 235/49...03	49 044...	...07	...04	2 x 35/49	A+/A/B	4.9
Luceo H-L UXP-S 235/49...+ActiM 03	50 588...	...07	-	2 x 35/49	A+/A/B	5.3
Luceo H-L UXP-S 280...03	46 906...	...07	...04	2 x 80	A+/A/B/C	4.9

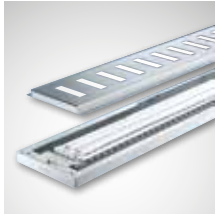
• IK02/0.2 J 850 °C

## End caps



Reference	TOC	Accessory description	=kg
<b>Luceo ZKS/1/01</b>	46 933 00	1 pair end caps for continuous line luminaires, of polycarbonate, snap-fits without tools, for 1-lamp UXP luminaires, white	0.1
<b>Luceo ZKS/1/03</b>	46 934 00	1 pair end caps for continuous line luminaires, of polycarbonate, snap-fits without tools, for 1-lamp UXP luminaires, silver-grey	0.1
<b>Luceo ZKS/2/01</b>	46 935 00	1 pair end caps for continuous line luminaires, of polycarbonate, snap-fits without tools, for 2-lamp UXP luminaires, white	0.1
<b>Luceo ZKS/2/03</b>	46 936 00	1 pair end caps for continuous line luminaires, of polycarbonate, snap-fits without tools, for 2-lamp UXP luminaires, silver-grey	0.1
<b>Luceo ZKS/3/01</b>	51 353 00	1 pair end caps for continuous line luminaires, of polycarbonate, snap-fits without tools, for 1- and 2-lamp CDP luminaires, white	0.1
<b>Luceo ZKS/3/03</b>	50 286 00	1 pair end caps for continuous line luminaires, of polycarbonate, snap-fits without tools, for 1- and 2-lamp CDP luminaires, silver-grey	0.1

Overhead reflectors



Reference	TOC	Accessory description	≈kg
<b>Luceo ZDG/1/1200/01</b>	46 019 00	Overhead reflector for Luceo suspended luminaires for increasing direct component, only for UXP versions, perforated, for 1-lamp luminaires, 28 W, 54 W, white	1.5
<b>Luceo ZDG/1/1200/03</b>	46 020 00	Overhead reflector for Luceo suspended luminaires for increasing direct component, only for UXP versions, perforated, for 1-lamp luminaires, 28 W, 54 W, silver grey	1.5
<b>Luceo ZDG/1/1500/01</b>	46 021 00	Overhead reflector for Luceo suspended luminaires for increasing direct component, only for UXP versions, perforated, for 1-lamp luminaires, 35 W, 49 W, 80 W, white	1.5
<b>Luceo ZDG/1/1500/03</b>	46 022 00	Overhead reflector for Luceo suspended luminaires for increasing direct component, only for UXP versions, perforated, for 1-lamp luminaires, 35 W, 49 W, 80 W, silver grey	1.5
<b>Luceo ZDG/2/1200/01</b>	46 023 00	Overhead reflector, perforated, for 2-lamp luminaires, 28 W, 54 W, white	0.6
<b>Luceo ZDG/2/1200/03</b>	46 024 00	Overhead reflector, perforated, for 2-lamp luminaires, 28 W, 54 W, silver grey	1.7
<b>Luceo ZDG/2/1500/01</b>	46 025 00	Overhead reflector, perforated, for 2-lamp luminaires, 35 W, 49 W, 80 W, white	1.6
<b>Luceo ZDG/2/1500/03</b>	46 026 00	Overhead reflector, perforated, for 2-lamp luminaires, 35 W, 49 W, 80 W, silver grey	1.6
<b>Luceo ZDR/1/1200/01</b>	46 907 00	Overhead reflector, closed, for 1-lamp luminaires, 28 W, 54 W, silver-grey	1.2
<b>Luceo ZDR/1/1200/03</b>	46 908 00	Overhead reflector, closed, for 1-lamp luminaires, 28 W, 54 W, silver-grey	1.2
<b>Luceo ZDR/1/1500/01</b>	46 909 00	Overhead reflector, closed, for 1-lamp luminaires, 35 W, 49 W, 80 W, white	1.5
<b>Luceo ZDR/1/1500/03</b>	46 910 00	Overhead reflector, closed, for 1-lamp luminaires, 35 W, 49 W, 80 W, silver-grey	1.5
<b>Luceo ZDR/2/1200/01</b>	46 031 00	Overhead reflector, closed, for 2-lamp luminaires, 28 W, 54 W, white	1.2
<b>Luceo ZDR/2/1200/03</b>	46 032 00	Overhead reflector, closed, for 2-lamp luminaires, 28 W, 54 W, silver-grey	1.2
<b>Luceo ZDR/2/1500/01</b>	46 033 00	Overhead reflector, closed, for 2-lamp luminaires, 35 W, 49 W, 80 W, white	1.5
<b>Luceo ZDR/2/1500/03</b>	46 034 00	Overhead reflector, closed, for 2-lamp luminaires, 35 W, 49 W, 80 W, silver-grey	1.5

## Supply cables



Reference	TOC	Accessory description	=kg
<b>Luceo ZZT/315/1000</b>	46 915 00	Supply cable for continuous line luminaires, transparent, 3 x 1.5 mm <sup>2</sup> , for suspension lengths up to 1000 mm	0.1
<b>Luceo ZZT/315/2000</b>	48 942 00	Supply cable for continuous line luminaires, transparent, 3 x 1.5 mm <sup>2</sup> , for suspension lengths up to 2000 mm	0.2
<b>Luceo ZZT/515/1000</b>	46 916 00	Supply cable for continuous line luminaires, transparent, 5 x 1.5 mm <sup>2</sup> , for suspension lengths up to 1000 mm	0.2
<b>Luceo ZZT/515/2000</b>	48 943 00	Supply cable for continuous line luminaires, transparent, 5 x 1.5 mm <sup>2</sup> , for suspension lengths up to 2000 mm	0.3

## Ceiling roses



Reference <sup>1)</sup>	TOC	Accessory description	=kg
<b>ZAA/01 515</b>	46 017 00	Ceiling rose, round, white	0.2
<b>ZAA/03 515</b>	46 018 00	Ceiling rose, for connecting the mains cable to ceiling outlets, round, silver grey, 1 piece	0.1
<b>ZAE/01 515</b>	46 917 00	Ceiling rose, square, white	0.2
<b>ZAE/03 515</b>	46 918 00	Ceiling rose, for connecting the mains cable to ceiling outlets, rectangular, silver grey, 1 piece	0.2

<sup>1)</sup>Optional accessory, to be ordered separately.

## Through-wirings



Reference	TOC	Accessory description	=kg
<b>Luceo LED ZDV 315</b>	63 045 00	Heat-resistant through-wiring for continuous line luminaires Luceo LED.	0.1
<b>Luceo LED ZDV 515</b>	63 044 00	Heat-resistant through-wiring for continuous line luminaires Luceo LED.	0.2
<b>Luceo ZDV/315/28/54</b>	46 911 00	Through-wiring for continuous line luminaires, heat-resistant, 3 x 1.5 mm <sup>2</sup> , for 28 W, 54 W	0.1
<b>Luceo ZDV/315/35/49/80</b>	46 913 00	Through-wiring for continuous line luminaires, heat-resistant, 3 x 1.5 mm <sup>2</sup> , for 35 W, 49 W, 80 W	0.1
<b>Luceo ZDV/515/28/54</b>	46 912 00	Through-wiring for continuous line luminaires, heat-resistant, 5 x 1.5 mm <sup>2</sup> , for 28 W, 54 W	0.1
<b>Luceo ZDV/515/35/49/80</b>	46 914 00	Through-wiring for continuous line luminaires, heat-resistant, 5 x 1.5 mm <sup>2</sup> , for 35 W, 49 W, 80 W	0.2

## Nodes



Reference	TOC	Accessory description	≈kg
<b>Luceo ZKP 01</b>	46 931 00	Node for continuous line luminaires, for up to 4 branch-offs, continuously adjustable to angle of 90° to 160°, white, with integrated wire suspension for suspension lengths up to 1500 mm	0.6
<b>Luceo ZKP 03</b>	46 932 00	Node for continuous line luminaires, for up to 4 branch-offs, continuously adjustable to angle of 90° to 160°, silver-grey, with integrated wire suspension for suspension lengths up to 1500 mm	0.6

## Wire suspensions



Reference	TOC	Accessory description	≈kg
<b>ZS/1000</b>	46 035 00	Wire suspension, 4-point, for suspension lengths up to 1000 mm	0.1
<b>ZS/2000</b>	46 036 00	Wire suspension, 4-point, for suspension lengths up to 2000 mm	0.1
<b>ZST/1000</b>	46 037 00	Wire suspension, 2-point, for suspension lengths up to 1000 mm	0.1
<b>ZST/2000</b>	46 038 00	Wire suspension, 2-point, for suspension lengths up to 2000 mm	0.1

## Continuous line couplings



Reference	TOC	Accessory description	≈kg
<b>Luceo ZLK/1/01</b>	46 921 00	Continuous line coupling (wire suspensions to be ordered separately), for 1-lamp UXP luminaires, white	0.3
<b>Luceo ZLK/1/03</b>	46 922 00	Continuous line coupling (wire suspensions to be ordered separately), for 1-lamp UXP luminaires, silver-grey	0.3
<b>Luceo ZLK/2/01</b>	46 925 00	Continuous line coupling (wire suspensions to be ordered separately), for 2-lamp UXP luminaires, white	0.3
<b>Luceo ZLK/2/03</b>	46 926 00	Continuous line coupling (wire suspensions to be ordered separately), for 2-lamp UXP luminaires, silver-grey	0.3
<b>Luceo ZLK/3/01</b>	49 792 00	Continuous line coupling (wire suspensions to be ordered separately), for 1- and 2-lamp CDP luminaires, white	0.3
<b>Luceo ZLK/3/03</b>	49 793 00	Continuous line coupling (wire suspensions to be ordered separately), for 1- and 2-lamp CDP luminaires, silver-grey	0.3



## Node couplings



Reference	TOC	Accessory description	=kg
<b>Luceo LED ZKK/3/03</b>	63 104 00	Node coupling, for connection of Luceo H-L LED... luminaires to Luceo ZKP... nodes, for LED luminaires, silver-grey	0.4
<b>Luceo ZKK/1/01</b>	46 927 00	Node coupling, for connection of Luceo H-L... luminaires to Luceo ZKP... nodes, for 1-lamp UXP luminaires, white	0.4
<b>Luceo ZKK/1/03</b>	46 928 00	Node coupling, for connection of Luceo H-L... luminaires to Luceo ZKP... nodes, for 1-lamp UXP luminaires, silver-grey	0.4
<b>Luceo ZKK/2/01</b>	46 929 00	Node coupling, for connection of Luceo H-L... luminaires to Luceo ZKP... nodes, for 2-lamp UXP luminaires, white	0.4
<b>Luceo ZKK/2/03</b>	46 930 00	Node coupling, for connection of Luceo H-L... luminaires to Luceo ZKP... nodes, for 2-lamp UXP luminaires, silver-grey	0.4
<b>Luceo ZKK/3/01</b>	49 794 00	Node coupling, for connection of Luceo H-L... luminaires to Luceo ZKP... nodes, for 1- and 2-lamp CDP luminaires, white	0.5
<b>Luceo ZKK/3/03</b>	49 795 00	Node coupling, for connection of Luceo H-L... luminaires to Luceo ZKP... nodes, for 1- and 2-lamp CDP luminaires, silver-grey	0.5

SOLVAN

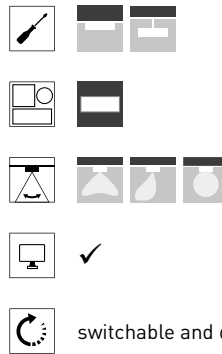
FILIGREE T5 LUMINAIRES,  
CUBOID





## THIS IS HOW IMPRESSIVE RESTRAINED DESIGN CAN BE

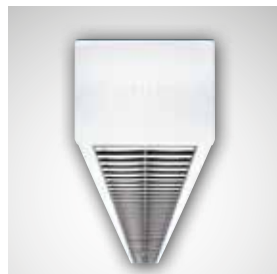
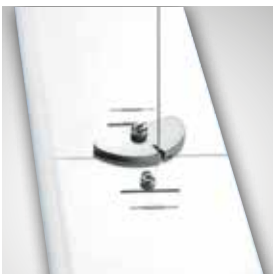
- Surface-mounted luminaires for ceiling and wall mounting.
- Suspended luminaires with direct-indirect light for balanced distribution of brightness.
- 1-point wire suspension with adjustment enabling exact positioning of suspended luminaires.
- A wide variety of optics assure maximal creativity and optical flexibility.
- Continuous line versions with visually seamless louvres without disturbing interruptions.



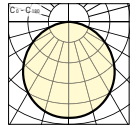
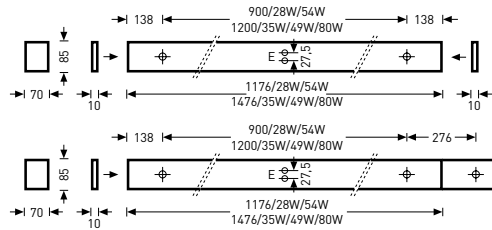
switchable and dimmable (DALI), switchable

1-point wire suspension

Optically seamless louvre



Surface-mounted luminaires with polycarbonate covers (OA-PC)

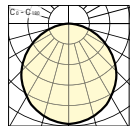
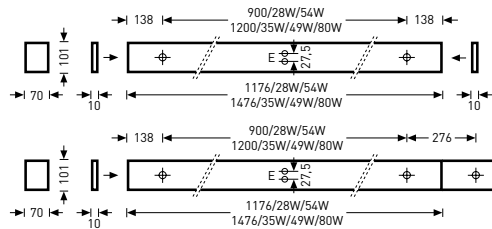


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan D1-L OA-PC 128/54...01	56 205...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan D1-L OA-PC 135/49/80...01	56 207...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3
Silver-grey						
Solvan D1-L OA-PC 128/54...03	56 206...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan D1-L OA-PC 135/49/80...03	56 208...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Surface-mounted luminaires with polycarbonate covers (OA-PC)

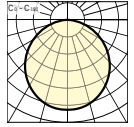
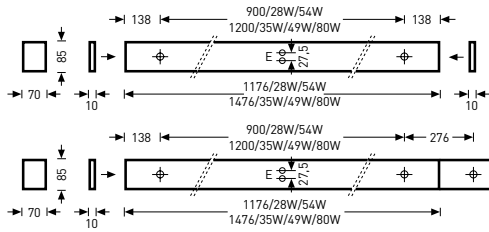


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan D2-L OA-PC 228...01	56 225...	...07	...04	2 x 28	A+/A/B	3.1
Solvan D2-L OA-PC 235/49...01	56 227...	...07	...04	2 x 35/49	A+/A/B	3.8
Silver-grey						
Solvan D2-L OA-PC 228...03	56 226...	...07	...04	2 x 28	A+/A/B	3.1
Solvan D2-L OA-PC 235/49...03	56 228...	...07	...04	2 x 35/49	A+/A/B	3.8

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Surface-mounted luminaires with opal PMMA covers (OTA)

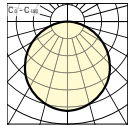
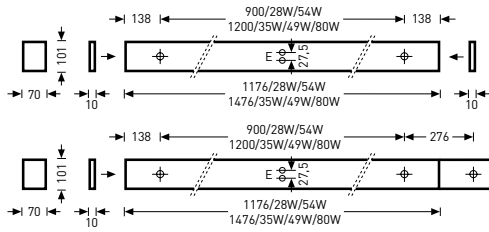
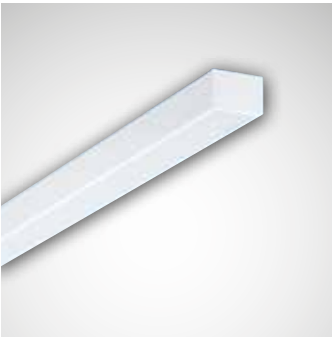


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan D1-L OTA 128/54...01	56 209...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan D1-L OTA 135/49/80...01	56 211...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3
Silver-grey						
Solvan D1-L OTA 128/54...03	56 210...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan D1-L OTA 135/49/80...03	56 212...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 650 °C

Surface-mounted luminaires with opal PMMA covers (OTA)

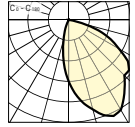
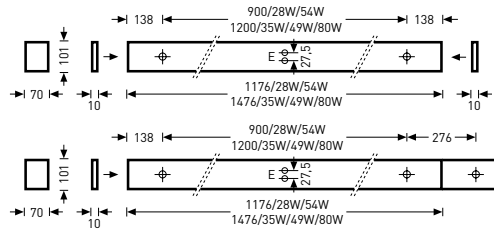


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
Solvan D2-L OTA 228...01	56 229...	...07	...04	2 x 28	A+/A/B	3.1
Solvan D2-L OTA 235/49...01	56 231...	...07	...04	2 x 35/49	A+/A/B	3.8
Silver-grey						
Solvan D2-L OTA 228...03	56 230...	...07	...04	2 x 28	A+/A/B	3.1
Solvan D2-L OTA 235/49...03	56 232...	...07	...04	2 x 35/49	A+/A/B	3.8

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Surface-mounted luminaires with RAX wallwasher optics

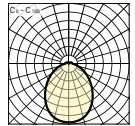
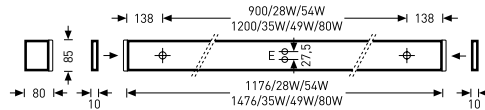


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan D2-L RAX 128/54...01	56 215...	...07	...04	1 x 28/54	A+/A/B/C	2.2
Solvan D2-L RAX 135/49/80...01	56 213...	...07	...04	1 x 35/49/80	A+/A/B/C	2.7
Silver-grey						
Solvan D2-L RAX 128/54...03	56 216...	...07	...04	1 x 28/54	A+/A/B/C	2.2
Solvan D2-L RAX 135/49/80...03	56 214...	...07	...04	1 x 35/49/80	A+/A/B/C	2.7

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Surface-mounted luminaires with PMMA cover T

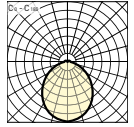
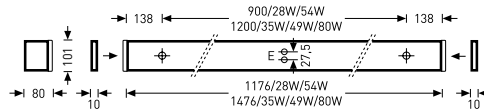


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan D1 T 128/54...01	56 217...	...07	...04	1 x 28/54	A+/A/B/C	3.0
Solvan D1 T 135/49/80...01	56 219...	...07	...04	1 x 35/49/80	A+/A/B/C	3.7
Silver-grey						
Solvan D1 T 128/54...03	56 218...	...07	...04	1 x 28/54	A+/A/B/C	3.0
Solvan D1 T 135/49/80...03	56 220...	...07	...04	1 x 35/49/80	A+/A/B/C	3.7

<sup>1)</sup>End caps included in scope of supply

• IK02/0.2 J 650 °C

## Surface-mounted luminaires with PMMA cover T

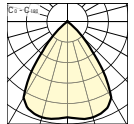
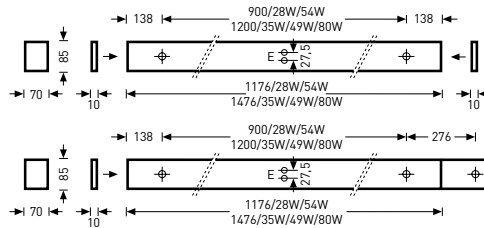


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan D2 T 228...01	56 233...	...07	...04	2 x 28	A+/A/B	3.3
Solvan D2 T 235/49...01	56 235...	...07	...04	2 x 35/49	A+/A/B	4.0
Silver-grey						
Solvan D2 T 228...03	56 234...	...07	...04	2 x 28	A+/A/B	3.3
Solvan D2 T 235/49...03	56 236...	...07	...04	2 x 35/49	A+/A/B	4.0

<sup>1)</sup>End caps included in scope of supply

• IK02/0.2 J 650 °C

## Surface-mounted luminaires with highly specular ultra-low cross-section louvre with UXP technology®

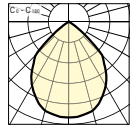
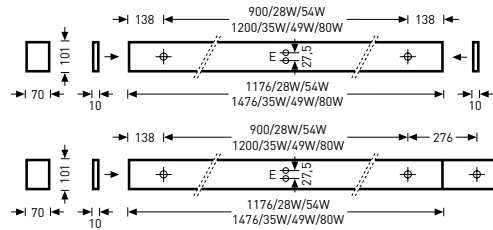


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan D1-L UXP-H 128/54...01	56 221...	...07	...04	1 x 28/54	A+/A/B/C	2.4
Solvan D1-L UXP-H 135/49/80...01	56 223...	...07	...04	1 x 35/49/80	A+/A/B/C	2.9
Silver-grey						
Solvan D1-L UXP-H 128/54...03	56 222...	...07	...04	1 x 28/54	A+/A/B/C	2.4
Solvan D1-L UXP-H 135/49/80...03	56 224...	...07	...04	1 x 35/49/80	A+/A/B/C	2.9

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 650 °C

Surface-mounted luminaires with highly specular ultra-low cross-section louvre with UXP technology®

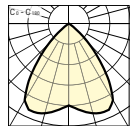
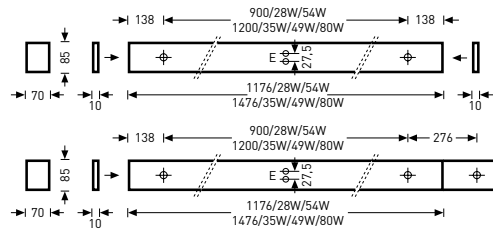


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan D2-L UXP-H 228...01	56 237...	...07	...04	2 x 28	A+/A/B	2.8
Solvan D2-L UXP-H 235/49...01	56 239...	...07	...04	2 x 35/49	A+/A/B	3.4
Silver-grey						
Solvan D2-L UXP-H 228...03	56 238...	...07	...04	2 x 28	A+/A/B	2.8
Solvan D2-L UXP-H 235/49...03	56 240...	...07	...04	2 x 35/49	A+/A/B	3.4

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Surface-mounted luminaires with semi-specular ultra-low cross-section louvre with UXP technology®



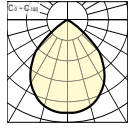
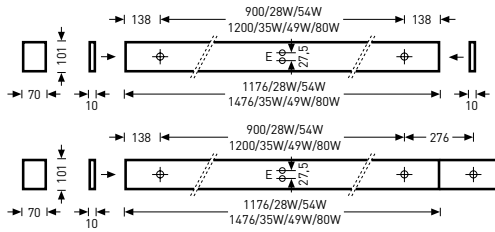
Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan D1-L UXP-S 128/54...01	56 277...	...07	...04	1 x 28/54	A+/A/B/C	2.4
Solvan D1-L UXP-S 135/49/80...01	56 279...	...07	...04	1 x 35/49/80	A+/A/B/C	2.9
Silver-grey						
Solvan D1-L UXP-S 128/54...03	56 278...	...07	...04	1 x 28/54	A+/A/B/C	2.4
Solvan D1-L UXP-S 135/49/80...03	56 280...	...07	...04	1 x 35/49/80	A+/A/B/C	2.9

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 650 °C



Surface-mounted luminaires with semi-specular ultra-low cross-section louvre with UXP technology®

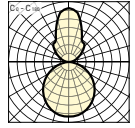
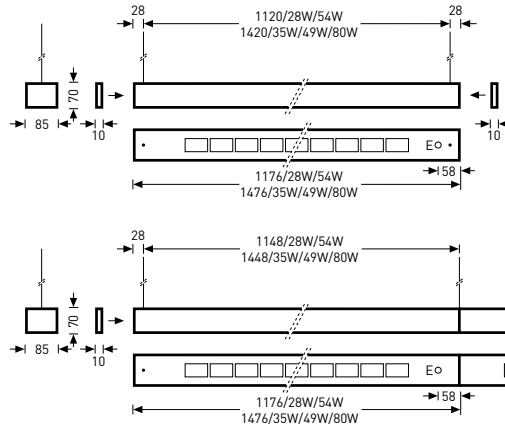


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan D2-L UXP-S 228...01	56 281...	...07	...04	2 x 28	A+/A/B	2.8
Solvan D2-L UXP-S 235/49...01	56 283...	...07	...04	2 x 35/49	A+/A/B	3.4
Silver-grey						
Solvan D2-L UXP-S 228...03	56 282...	...07	...04	2 x 28	A+/A/B	2.8
Solvan D2-L UXP-S 235/49...03	56 284...	...07	...04	2 x 35/49	A+/A/B	3.4

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Suspended luminaires with polycarbonate covers (0A-PC)

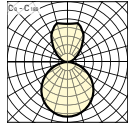
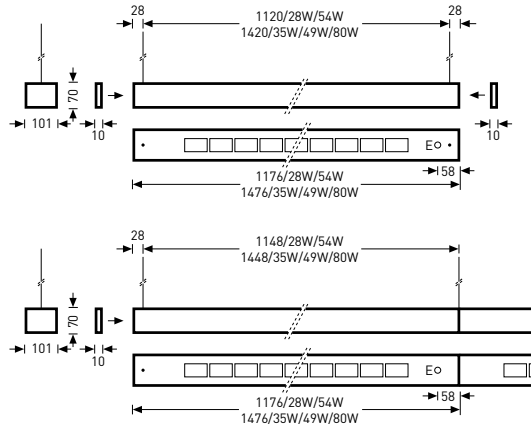


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan H1-L 0A-PC 128/54...01	56 241...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan H1-L 0A-PC 135/49/80...01	56 243...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3
Silver-grey						
Solvan H1-L 0A-PC 128/54...03	56 242...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan H1-L 0A-PC 135/49/80...03	56 244...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Suspended luminaires with polycarbonate covers (OA-PC)

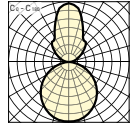
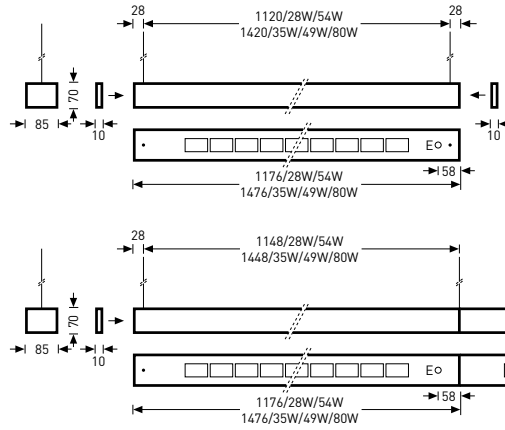


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan H2-L OA-PC 228/54...01	56 257...	...07	...04	2 x 28/54	A+/A/B/C	2.9
Solvan H2-L OA-PC 235/49...01	56 728...	-	...04	2 x 35/49	A+/A/B	3.5
Solvan H2-L OA-PC 235/49/80...01	56 259...	...07	-	2 x 35/49/80	A+/A/B/C	3.5
Solvan H2-L OA-PC 280...01	56 740...	-	...04	2 x 80	A+/A/B/C	3.5
Silver-grey						
Solvan H2-L OA-PC 228/54...03	56 258...	...07	...04	2 x 28/54	A+/A/B/C	2.9
Solvan H2-L OA-PC 235/49...03	56 729...	-	...04	2 x 35/49	A+/A/B	3.5
Solvan H2-L OA-PC 235/49/80...03	56 260...	...07	-	2 x 35/49/80	A+/A/B/C	3.5
Solvan H2-L OA-PC 280...03	56 741...	-	...04	2 x 80	A+/A/B/C	3.5

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Suspended luminaires with PMMA (OTA) covers

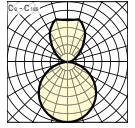
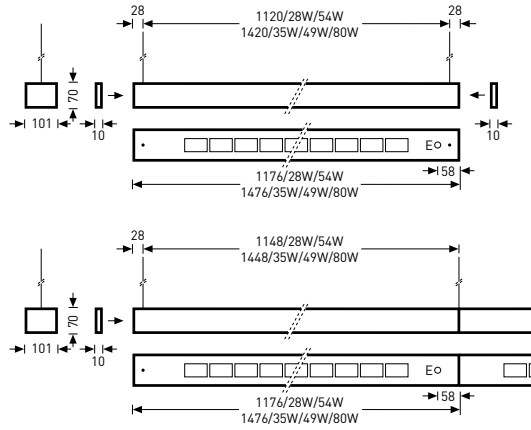


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan H1-L OTA 128/54...01	56 245...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan H1-L OTA 135/49/80...01	56 247...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3
Silver-grey						
Solvan H1-L OTA 128/54...03	56 246...	...07	...04	1 x 28/54	A+/A/B/C	2.7
Solvan H1-L OTA 135/49/80...03	56 248...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 650 °C

## Suspended luminaires with PMMA (OTA) covers

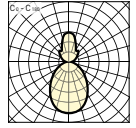
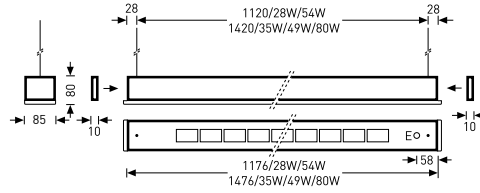


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan H2-L OTA 228/54...01	56 261...	...07	...04	2 x 28/54	A+/A/B/C	2.9
Solvan H2-L OTA 235/49...01	56 730...	-	...04	2 x 35/49	A+/A/B	3.5
Solvan H2-L OTA 235/49/80...01	56 263...	...07	-	2 x 35/49/80	A+/A/B/C	3.5
Solvan H2-L OTA 280...01	56 742...	-	...04	2 x 80	A+/A/B/C	3.5
Silver-grey						
Solvan H2-L OTA 228/54...03	56 262...	...07	...04	2 x 28/54	A+/A/B/C	2.9
Solvan H2-L OTA 235/49...03	56 731...	-	...04	2 x 35/49	A+/A/B	3.5
Solvan H2-L OTA 235/49/80...03	56 264...	...07	-	2 x 35/49/80	A+/A/B/C	3.5
Solvan H2-L OTA 280...03	56 743...	-	...04	2 x 80	A+/A/B/C	3.5

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 650 °C

Suspended luminaires with PMMA cover T



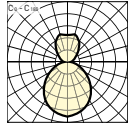
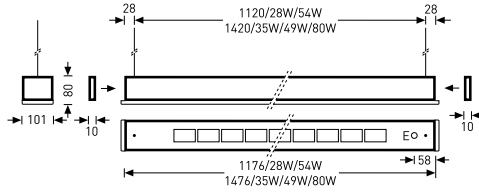
IP20

Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan H1 T 128/54...01	56 249...	...07	...04	1 x 28/54	A+/A/B/C	3.0
Solvan H1 T 135/49/80...01	56 251...	...07	...04	1 x 35/49/80	A+/A/B/C	3.7
Silver-grey						
Solvan H1 T 128/54...03	56 250...	...07	...04	1 x 28/54	A+/A/B/C	3.0
Solvan H1 T 135/49/80...03	56 252...	...07	...04	1 x 35/49/80	A+/A/B/C	3.7

<sup>1)</sup> Individual luminaire complete with connection cable, end caps and wire suspensions. Ceiling rose must be ordered separately.

• IK02/0.2 J 650 °C

Suspended luminaires with PMMA cover T

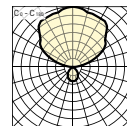
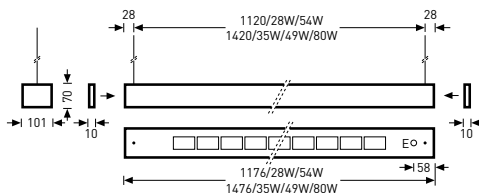


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan H2 T 228/54...01	56 265...	...07	...04	2 x 28/54	A+/A/B/C	3.3
Solvan H2 T 235/49...01	56 732...	-	...04	2 x 35/49	A+/A/B	3.9
Solvan H2 T 235/49/80...01	56 267...	...07	-	2 x 35/49/80	A+/A/B/C	4.0
Solvan H2 T 280...01	56 744...	-	...04	2 x 80	A+/A/B/C	3.9
Silver-grey						
Solvan H2 T 228/54...03	56 266...	...07	...04	2 x 28/54	A+/A/B/C	3.3
Solvan H2 T 235/49...03	56 733...	-	...04	2 x 35/49	A+/A/B	3.9
Solvan H2 T 235/49/80...03	56 268...	...07	-	2 x 35/49/80	A+/A/B/C	4.0
Solvan H2 T 280...03	56 745...	-	...04	2 x 80	A+/A/B/C	3.9

<sup>1)</sup> Individual luminaire complete with connection cable, end caps and wire suspensions. Ceiling rose must be ordered separately.

• IK02/0.2 J 650 °C

Suspended luminaires with highly specular ultra-low cross-section louvre with UXP-AD workzone louvre



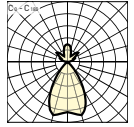
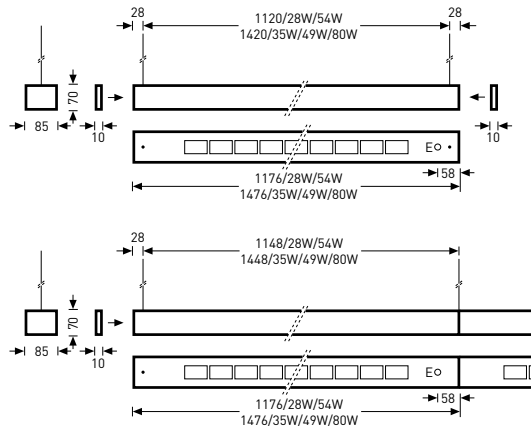
Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan H2 UXP-AD 228/54...01	56 269...	...07	...04	2 x 28/54	A+/A/B/C	2.7
Solvan H2 UXP-AD 235/49...01	56 734...	-	...04	2 x 35/49	A+/A/B	3.2
Solvan H2 UXP-AD 235/49/80...01	56 271...	...07	-	2 x 35/49/80	A+/A/B/C	3.3
Solvan H2 UXP-AD 280...01	56 746...	-	...04	2 x 80	A+/A/B/C	3.2
Silver-grey						
Solvan H2 UXP-AD 228/54...03	56 270...	...07	...04	2 x 28/54	A+/A/B/C	2.7
Solvan H2 UXP-AD 235/49...03	56 735...	-	...04	2 x 35/49	A+/A/B	3.2
Solvan H2 UXP-AD 235/49/80...03	56 272...	...07	-	2 x 35/49/80	A+/A/B/C	3.3
Solvan H2 UXP-AD 280...03	56 747...	-	...04	2 x 80	A+/A/B/C	3.2

<sup>1)</sup> Individual luminaire complete with connection cable, end caps and wire suspensions. Ceiling rose must be ordered separately.

• IK02/0.2 J 850 °C



Suspended luminaires with highly specular ultra-low cross-section louvre with UXP technology®

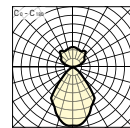
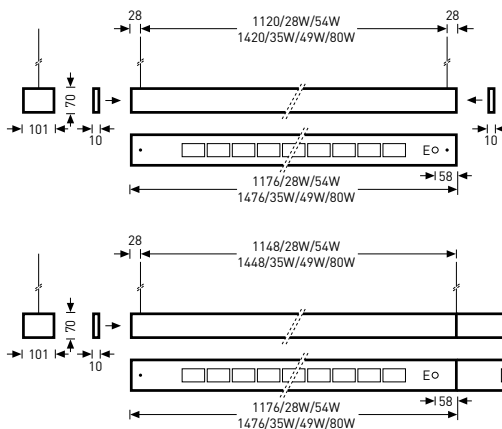


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan H1-L UXP-H 128/54...01	56 253...	...07	...04	1 x 28/54	A+/A/B/C	2.0
Solvan H1-L UXP-H 135/49/80...01	56 255...	...07	...04	1 x 35/49/80	A+/A/B/C	2.4
Silver-grey						
Solvan H1-L UXP-H 128/54...03	56 254...	...07	...04	1 x 28/54	A+/A/B/C	2.0
Solvan H1-L UXP-H 135/49/80...03	56 256...	...07	...04	1 x 35/49/80	A+/A/B/C	2.4

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Suspended luminaires with highly specular ultra-low cross-section louvre with UXP technology®

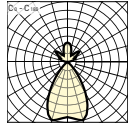
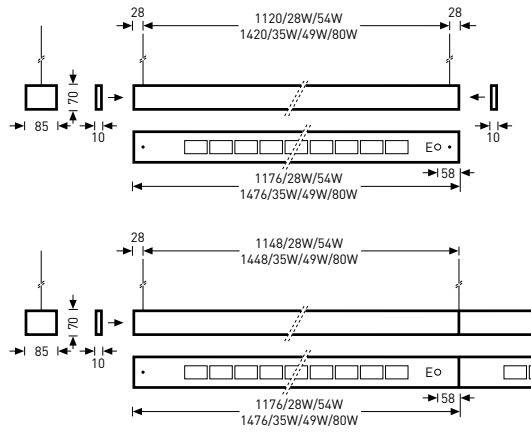


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan H2-L UXP-H 228/54...01	56 273...	...07	...04	2 x 28/54	A+/A/B/C	2.3
Solvan H2-L UXP-H 235/49...01	56 736...	-	...04	2 x 35/49	A+/A/B	2.8
Solvan H2-L UXP-H 235/49/80...01	56 275...	...07	-	2 x 35/49/80	A+/A/B/C	2.8
Solvan H2-L UXP-H 280...01	56 748...	-	...04	2 x 80	A+/A/B/C	2.8
Silver-grey						
Solvan H2-L UXP-H 228/54...03	56 274...	...07	...04	2 x 28/54	A+/A/B/C	2.3
Solvan H2-L UXP-H 235/49...03	56 737...	-	...04	2 x 35/49	A+/A/B	2.8
Solvan H2-L UXP-H 235/49/80...03	56 276...	...07	-	2 x 35/49/80	A+/A/B/C	2.8
Solvan H2-L UXP-H 280...03	56 749...	-	...04	2 x 80	A+/A/B/C	2.8

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Suspended luminaires with semi-specular ultra-low cross-section louvre with UXP technology®

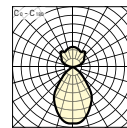
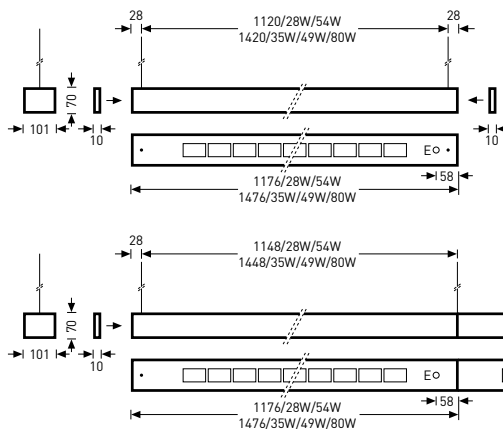


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan H1-L UXP-S 128/54...01	56 285...	...07	...04	1 x 28/54	A+/A/B/C	2.0
Solvan H1-L UXP-S 135/49/80...01	56 287...	...07	...04	1 x 35/49/80	A+/A/B/C	2.4
Silver-grey						
Solvan H1-L UXP-S 128/54...03	56 286...	...07	...04	1 x 28/54	A+/A/B/C	2.0
Solvan H1-L UXP-S 135/49/80...03	56 288...	...07	...04	1 x 35/49/80	A+/A/B/C	2.4

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

Suspended luminaires with semi-specular ultra-low cross-section louvre with UXP technology®

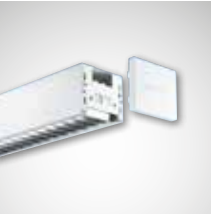


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan H2-L UXP-S 228/54...01	56 289...	...07	...04	2 x 28/54	A+/A/B/C	2.3
Solvan H2-L UXP-S 235/49...01	56 738...	-	...04	2 x 35/49	A+/A/B	2.8
Solvan H2-L UXP-S 235/49/80...01	56 291...	...07	-	2 x 35/49/80	A+/A/B/C	2.8
Solvan H2-L UXP-S 280...01	56 750...	-	...04	2 x 80	A+/A/B/C	2.8
Silver-grey						
Solvan H2-L UXP-S 228/54...03	56 290...	...07	...04	2 x 28/54	A+/A/B/C	2.3
Solvan H2-L UXP-S 235/49...03	56 739...	-	...04	2 x 35/49	A+/A/B	2.8
Solvan H2-L UXP-S 235/49/80...03	56 292...	...07	-	2 x 35/49/80	A+/A/B/C	2.8
Solvan H2-L UXP-S 280...03	56 751...	-	...04	2 x 80	A+/A/B/C	2.8

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately

• IK02/0.2 J 850 °C

End caps



Reference	TOC	Accessory description	=kg
Solvan H ZKS 1 01	56 382 00	End caps, for end termination of individual luminaires and continuous lines, snap-fits without tools, for Solvan D1... and ...H1... white, 1 pair	0.1
Solvan H ZKS 1 03	56 383 00	End caps, for end termination of individual luminaires and continuous lines, snap-fits without tools, for Solvan D1... and ...H1... silver-grey, 1 pair	0.1
Solvan H ZKS 2 01	56 384 00	End caps, for end termination of individual luminaires and continuous lines, snap-fits without tools, for Solvan D2... and ...H2... white, 1 pair	0.1
Solvan H ZKS 2 03	56 385 00	End caps, for end termination of individual luminaires and continuous lines, snap-fits without tools, for Solvan D2... and ...H2... silver-grey, 1 pair	0.1

Removal tools



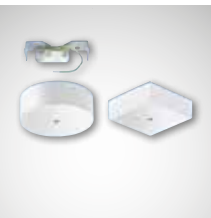
Reference	TOC	Accessory description	=kg
03630 5	29 265 00	Suction pad for removal of covers for maintenance	0.1

Supply cables



Reference	TOC	Accessory description	=kg
Solvan H ZZT/315/1000	56 390 00	Cable, transparent, 3 x 1.5 mm <sup>2</sup> (suspension height up to 1000 mm)	0.1
Solvan H ZZT/315/2000	56 392 00	Cable, transparent, 3 x 1.5 mm <sup>2</sup> (suspension height up to 2000 mm)	0.2
Solvan H ZZT/515/1000	56 391 00	Cable, transparent, 5 x 1.5 mm <sup>2</sup> (suspension height up to 1000 mm)	0.2
Solvan H ZZT/515/2000	56 393 00	Cable, transparent, 5 x 1.5 mm <sup>2</sup> (suspension height up to 2000 mm)	0.3

Ceiling roses



Reference <sup>1)</sup>	TOC	Accessory description	=kg
ZAA/01 515	46 017 00	Ceiling rose, round, white	0.2
ZAA/03 515	46 018 00	Ceiling rose, for connecting the mains cable to ceiling outlets, round, silver grey, 1 piece	0.1
ZAE/01 515	46 917 00	Ceiling rose, square, white	0.2
ZAE/03 515	46 918 00	Ceiling rose, for connecting the mains cable to ceiling outlets, rectangular, silver grey, 1 piece	0.2

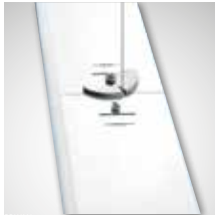
<sup>1)</sup>Optional accessory, to be ordered separately.

### Through-wirings



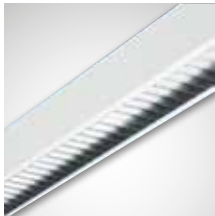
Reference	TOC	Accessory description	≈kg
Solvan ZDV 315 28/54	51 884 00	Through-wiring, 3-core for 28/54 W	0.1
Solvan ZDV 315 35/49/80	51 885 00	Through-wiring, 3-core for 35/49/80 W	0.1
Solvan ZDV 515 28/54	51 886 00	Through-wiring, 5-core for 28/54 W	0.1
Solvan ZDV 515 35/49/80	51 887 00	Through-wiring, 5-core for 35/49/80 W	0.2

### Wire suspensions



Reference	TOC	Accessory description	≈kg
ZS1P 2000	56 389 00	1 piece, wire suspension, 1-point, for suspension lengths to 2000 mm	0.1

### Continuous line couplings



Reference	TOC	Accessory description	≈kg
Solvan H ZLK	56 386 00	Continuous line coupling OTA/OA, UXP/RAX, for connecting two Solvan continuous line luminaires with cover or louvre or wallwasher, for Solvan D1..., ...D2... and ...H1..., ...H2..., 1 set	0.1



## SERIES 5051...

T5 SUSPENDED LUMINAIRES,  
RECTANGULAR CROSS-  
SECTION





## CONCISELY DESIGNED SUSPENDED LUMINAIRE FOR ATMOSPHERIC ROOM LIGHTING

- Diverse uses due to pleasant, discreet design.
- Continuous line configurations with visually seamless appearance.
- Application-oriented louvre versions for flexible application options.

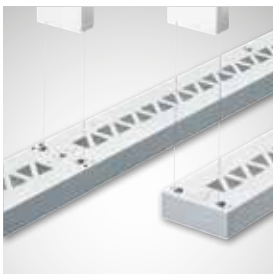


switchable and dimmable (DALI), switchable

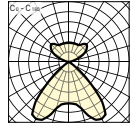
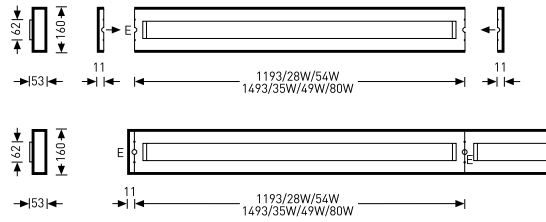


ActiLume control device and sensor unit,  
EnOcean-standard radio receiver

Indirect general lighting  
for highly harmonious  
atmospheres



Suspended luminaires with parabolic specular louvre RMV, matt

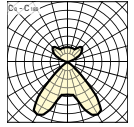
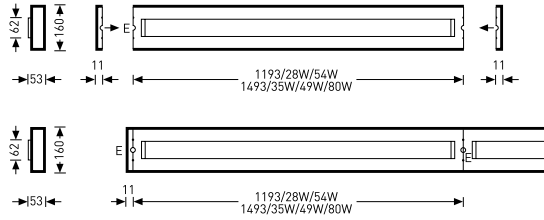


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
• 5051 RMV-L/28/54...	47 767...	...07	...04	1 x 28/54	A+/A/B/C	3.0
5051 RMV-L/35/49/80...	47 774...	...07	...04	1 x 35/49/80	A+/A/B/C	3.6
5051 RMV-L/2x28/54...	51 762...	...07	...04	2 x 28/54	A+/A/B/C	3.0
5051 RMV-L/2x35/49...	51 763...	...07	...04	2 x 35/49	A+/A/B	3.9
5051 RMV-L/2x80...	47 772...	...07	...04	2 x 80	A+/A/B/C	3.9

<sup>1)</sup>Please order end caps for individual luminaires or continuous line ends separately.

• IK02/0.2 J 650 °C

Suspended luminaires with DARKLIGHT parabolic specular louvre RPX



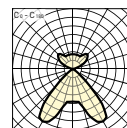
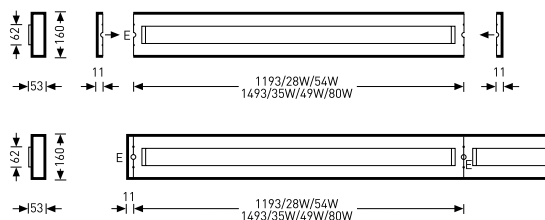
Reference	TOC	...EDD	...E		EEC	=kg
• 5051 RPX-L/28/54... <sup>1)</sup>	11 636...	...07	...04	1 x 28/54	A+/A/B/C	3.0
5051 RPX-L/28/54...03 + ZBH <sup>2)</sup>	52 930...	-	...04	1 x 28/54	A+/A/B/C	3.0
5051 RPX-L/35/49/80... <sup>1)</sup>	11 638...	...07	...04	1 x 35/49/80	A+/A/B/C	3.6
5051 RPX-L/35/49/80...03 + ZBH <sup>2)</sup>	52 928...	-	...04	1 x 35/49/80	A+/A/B/C	3.6
5051 RPX-L/35/49/80...+ActiM <sup>1)</sup>	58 694...	...07	-	1 x 35/49/80	A+/A/B/C	3.8
5051 RPX-L/35/49/80...+EOM <sup>1)</sup>	60 031...	...07	-	1 x 35/49/80	A+/A/B/C	3.8
5051 RPX-L/2x28/54... <sup>1)</sup>	48 545...	...07	...04	2 x 28/54	A+/A/B/C	3.1
5051 RPX-L/2x35/49... <sup>1)</sup>	51 764...	...07	...04	2 x 35/49	A+/A/B	3.9
5051 RPX-L/2x80... <sup>1)</sup>	47 257...	...07	...04	2 x 80	A+/A/B/C	3.9

<sup>1)</sup> Please order end caps for individual luminaires or continuous line ends separately.

<sup>2)</sup> Luminaire incl. end caps and 2 wire suspensions

• IK02/0.2 J 650 °C

### Suspended luminaires with semi-specular DARKLIGHT parabolic louvre RSX



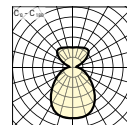
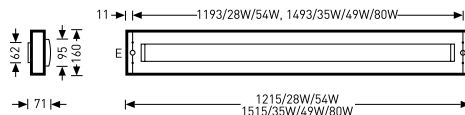
Reference	TOC	...EDD	...E		EEC	≈kg
• 5051 RSX-L/28/54... <sup>1)</sup>	11 643...	...07	...04	1 x 28/54	A+/A/B/C	3.0
5051 RSX-L/28/54...03 + ZBH <sup>2)</sup>	52 929...	-	...04	1 x 28/54	A+/A/B/C	3.0
5051 RSX-L/35/49/80... <sup>1)</sup>	11 645...	...07	...04	1 x 35/49/80	A+/A/B/C	3.6
5051 RSX-L/35/49/80...03 + ZBH <sup>2)</sup>	52 927...	-	...04	1 x 35/49/80	A+/A/B/C	3.6
5051 RSX-L/35/49/80...+ActiM <sup>1)</sup>	58 769...	...07	-	1 x 35/49/80	A+/A/B/C	3.8
5051 RSX-L/2x28/54... <sup>1)</sup>	51 765...	...07	...04	2 x 28/54	A+/A/B/C	3.0
5051 RSX-L/2x35/49... <sup>1)</sup>	51 766...	...07	...04	2 x 35/49	A+/A/B	3.9
5051 RSX-L/2x80... <sup>1)</sup>	42 101...	...07	...04	2 x 80	A+/A/B/C	3.9

<sup>1)</sup> Please order end caps for individual luminaires or continuous line ends separately.

<sup>2)</sup> Luminaire incl. end caps and 2 wire suspensions

• IK02/0.2 J 650 °C

### Suspended luminaires with translucent diffuser T



Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
• 5051 T/28/54...	11 650...	...07	...04	1 x 28/54	A+/A/B/C	3.5
5051 T/35/49/80...	11 652...	...07	...04	1 x 35/49/80	A+/A/B/C	4.4

<sup>1)</sup> With pre-assembled end caps

• IK02/0.2 J 650 °C

**End caps**



Reference	TOC	Accessory description	≈kg
05041 K	21 538 00	End caps, for 5041...L..., 5051...L..., 1 pair	0.1

**Adapter end caps**



Reference	TOC	Accessory description	≈kg
05041 KA	21 539 00	Adapter end cap, for connecting 5041...L and 5051...L to A 03 node	0.2

**Infeed accessory for wire suspension**

Reference <sup>1)</sup>	TOC	Accessory description	≈kg
05000 ESBN	21 517 00	Infeed accessory, consisting of strain-relief systems, mounting screws and connection terminal	0.1

<sup>1)</sup>Cables not included in scope of delivery; must be made available on-site.

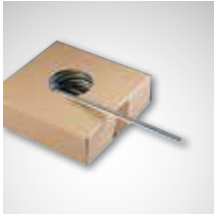
**Ceiling roses**



Reference <sup>1)</sup>	TOC	Accessory description	≈kg
05900 A	21 725 00	Ceiling rose, 1 piece	0.1
05900 AN	21 726 00	Ceiling rose with wire outlet, 1 piece	0.1

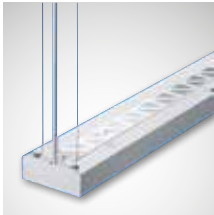
<sup>1)</sup>Cables not included in scope of delivery; must be made available on-site.

### Through-wirings



Reference	TOC	Accessory description	≈kg
07690/5LV/25m	21 890 00	Through-wiring 5 x 1.5 mm <sup>2</sup> , length 25 m	2.5
3700/3LV/36	11 450 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for luminaires 28 W, 54 W	0.1
3700/3LV/58	11 451 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for luminaires 35 W, 49 W, 80 W	0.1
3700/5LV/36	11 452 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for luminaires 28 W, 54 W	0.1
3700/5LV/58	11 453 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for luminaires 35 W, 49 W, 80 W	0.1

### Supply tubes for wire suspension



Reference <sup>1)</sup>	TOC	Accessory description	≈kg
05000 ZR	21 525 00	Supply tube, plastic, white, Ø 10 mm, length 1000 mm, 1 piece	0.1
05000 ZR/2m	21 526 00	Supply tube, plastic, white, Ø 10 mm, length 2000 mm, 1 piece	0.2

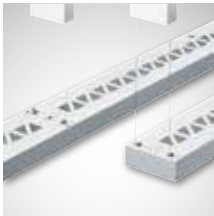
<sup>1)</sup> Cables not included in scope of delivery; must be made available on-site.

### Node suspensions



Reference	TOC	Accessory description	≈kg
A 03 D	22 315 00	Node, white, steplessly adjustable from 90°-270° for up to 4 branchings, 1 piece	0.5
A 03 S	29 284 00	1 piece, node with wire suspension, white, length 1500 mm incl. 1 ceiling mounting element	0.6

### Wire suspensions



Reference	TOC	Accessory description	≈kg
05051 S	21 543 00	1 piece wire suspension, for suspension lengths up to 1000 mm	0.1
05051 S/2m	21 544 00	1 piece wire suspension, for suspension lengths up to 2000 mm	0.2

### Counter-balance weights

Reference	TOC	Accessory description	=kg
05000 A19	21 501 00	Counter-balance weights, for 5041... and 5051... 1-lamp, E/EDD	0.3
05000 A25	43 798 00	Counter-balance weights for 5051... 2 x 28 (35, 49, 54) W, E	0.4
05000 A26	43 799 00	Counter-balance weights for 5051... 2 x 80 W, E and 2 x 28 (35, 49, 54, 80) W, EDD	0.5

### PMMA covers



Reference	TOC	Accessory description	=kg
05051 P/1200	21 541 00	PMMA cover, for luminaires 5051 R... 35 W, 28 W, 54 W, for protection against soiling	0.3
05051 P/1500	21 542 00	PMMA cover for luminaires 5051 R... 35 W, 49 W, 80 W, for protection against soiling	0.3

### Mounting accessories

Reference	TOC	Accessory description	=kg
05000 DD	21 513 00	Ceiling spacer, 1 pair, for 5041... in connection with A 03 D	0.1

## LESIMA 200 LED

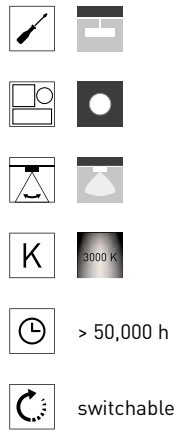
SUSPENDED LED LUMINAIRE  
WITH REPLACEABLE  
LUMINAIRE SHADE





## PERFECT GOODS PRESENTATION, INDIVIDUAL DESIGN

- Luminaire shade is optionally conical or cylindrical with various decorative elements of wood, stainless steel and textile for good orientation and distance effect.
- Rapid mounting without tools.
- Extensive selection of luminous flux packages, beam characteristics and light colours.



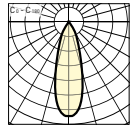
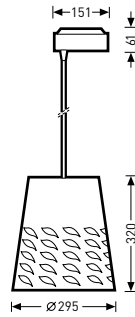
LESIMA, cylindrical textile shade



LESIMA, conical wooden shade. Further versions on request.



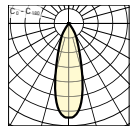
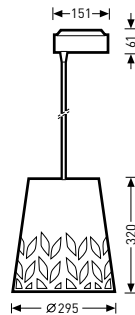
## LED suspended luminaire, luminaire shade of textile, conical, decor Bisq, brown



IP20

Reference	TOC	...ET		EEC	W	≈kg
LESI200 H9 FL LED 3000-830 L1.5 01 Stkkbn	63 883...	...40	2915 lm	A++/A+/A	28	1.9

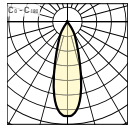
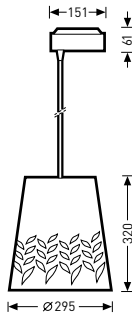
## LED suspended luminaire, luminaire shade of textile, conical, decor Tulip, green



IP20

Reference	TOC	...ET		EEC	W	≈kg
LESI200 H9 FL LED 3000-830 L1.5 01 Stkkgn	63 882...	...40	2915 lm	A++/A+/A	28	1.9

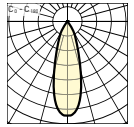
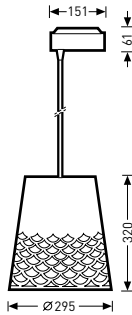
## LED suspended luminaire, luminaire shade of textile, conical, decor Leaves, white



IP20

Reference	TOC	...ET		EEC	W	=kg
LES1200 H9 FL LED 3000-830 L1.5 01 Stkwh	63 884...	...40	2915 lm	A++/A+/A	28	1.9

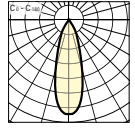
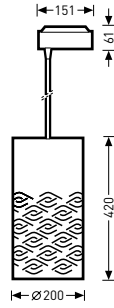
## LED suspended luminaire, luminaire shade of stainless steel, conical, decor Waves



IP20

Reference	TOC	...ET		EEC	W	=kg
LES1200 H9 FL LED 3000-830 L1.5 01 Mekk	63 881...	...40	2915 lm	A++/A+/A	28	2.8

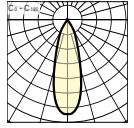
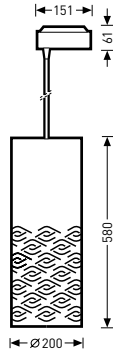
## LED suspended luminaire, luminaire shade of textile, cylindrical short, decor Indian, white



IP20

Reference	TOC	...ET		EEC	W	≈kg
LESI200 H9 FL LED 3000-830 L1.5 01 Stzkwh	63 885...	...40	2915 lm	A++/A+/A	28	1.9


## LED suspended luminaire, luminaire shade of textile, cylindrical long, decor Indian, white




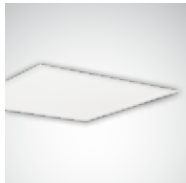
IP20

Reference	TOC	...ET		EEC	W	=kg
LESI200 H9 FL LED 3000-830 L1.5 01 Stzlwh	63 886...	...40	2915 lm	A++/A+/A	28	1.9

## Program overview and recessing dimensions

 Recessing in system ceilings with exposed grids

 Recessing in system ceilings with concealed grids



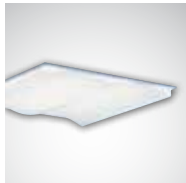

Reference	Page	Luminaire module M... and system dimensions W x L (mm) for luminaire installation in system ceilings						
		M 26 W 150 L 1200	M 28 W 150 L 1500	M 36 W 185 L 1200	M 37 W 185 L 1250	M 38 W 185 L 1500	M 39 W 185 L 1550	M 43 W 300 L 600
	3901.../28/54...	404						
	3902.../28/54...	405						
	3902 RAV/1x28/54...	404						
	3911.../28/54...	404						
	3911.../35/49/80...	404						
	3912.../28/54...	405						
	3912.../35/49...	405						
	3912 RAV/1x28/54...	404						
	3912 RAV/1x35/49/80...	404						
	Arimo Slim CDP M73...	392						
	Arimo Slim CDP M84...	393						
	Arimo Slim CDP M46...	394						
	Arimo Slim CDP M57...	395						
	Arimo Slim MRX M73...	398						
	Arimo Slim MRX M84...	399						
	Arimo Slim MRX M46...	400						
	Arimo Slim MRX M57...	400						
	Belviso C1 M46...	380						
	Belviso C1 M57...	381						
	Belviso C1 600...	378						
	Belviso C1 625...	379						
	Belviso C2 M46...	374						
	Belviso C2 M57...	375						
	Belviso C2 600...	372						
	Belviso C2 625...	373						

Series 390.../391... only for cut recess openings.



## Program overview and recessing dimensions

■ Recessing in system ceilings with exposed grids
 ■ Recessing in system ceilings with concealed grids

Reference	Page	Luminaire module M... and system dimensions W x L (mm) for luminaire installation in system ceilings							
		M 26 W 150 L 1200	M 28 W 150 L 1500	M 36 W 185 L 1200	M 37 W 185 L 1250	M 38 W 185 L 1500	M 39 W 185 L 1550	M 43 W 300 L 600	
 Enterio M26...(-IP)	424 (498)								
Enterio M28...(-IP)	425 (499)								
Enterio M36...	427								
Enterio M37...(-IP)	428 (500)								
Enterio M38...	431								
Enterio M39...(-IP)	432 (501)								
Enterio M43...	435								
Enterio M46...(-IP)	436 (502)								
Enterio M48...	437								
Enterio M57...(-IP)	438 (503)								
Enterio M59...(-IP)	441 (504)								
Enterio M73...(-IP)	444 (505)								
Enterio M84...(-IP)	447 (506)								
 Solvana C1...28/54...*	414								
Solvana C1...35/49/80...*	414								
Solvana C2...28...	414								
Solvana C2...35/49/80...	414								
 Livity 300...	389								
Livity 600...	387								
Livity 625...	388								
Livity Flat M46	386								
Livity Flat M57	386								
Livity Flat 600...	384								
Livity Flat 625...	385								
 Fidesca...300...228/54...	480								
Fidesca...300...235/49/80	480								
Fidesca...312...228/54...	480								
Fidesca...312...235/49/80	480								
Fidesca...600...414/424...	481								
Fidesca...600...428/54...	481								
Fidesca...625...414/24...	481								
Fidesca...625...428/54...	481								
Fidesca...625...435/49...	481								

\* Module size for panelled ceilings with module 100: 1 x 100.





## BELVISO C2 LED



















SEMI-RECESSED LUMINAIRES  
WITH MICROPRISMS



THE STANDARD FOR EFFICIENCY AND ECONOMY

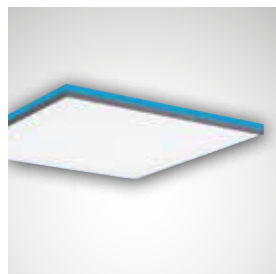
- Outstanding efficiency of 109 lm/W with the Belviso LED leads to energy savings of more than 40% compared to T5.
- Completely homogeneous illumination creates a feel-good atmosphere at workstations via shadow-free light.
- Coloured light guides enable individual light atmospheres and an emotional upgrading of the lighting design.



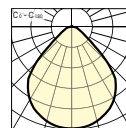
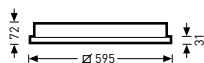
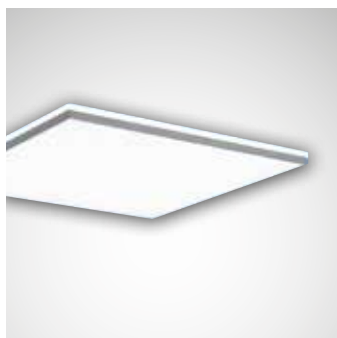
-  
-    
-   
-  
-  ✓
-   
-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  White-white control

Linear light frame

Coloured light frame



## Highly efficient semi-recessed LED luminaires with new, optimised CDP microprisms



System dimension 600 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED for colour temperature-adjustable lighting							
• <b>BelvisoAct C2 600 CDP LED 4300...<sup>1)</sup></b>	61 966...	...51	-	8600 lm	A++/A+/A	116	9.8
LED							
<b>Belviso C2 600 CDP LED 3900 nw...01<sup>2)</sup></b>	60 665...	...51	...40	3800 lm	A++/A+/A	35	8.6
<b>Belviso C2 600 CDP LED 3900 nw...GST<sup>2)</sup></b>	60 719...	...51	...40	3800 lm	A++/A+/A	35	8.7
LED, with coloured light frame							
<b>Belviso C2 600 CDP LED 3800 nw...FB<sup>2)</sup></b>	61 105...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso C2 600 CDP LED 3800 nw...FG<sup>2)</sup></b>	61 106...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso C2 600 CDP LED 3800 nw...FO<sup>2)</sup></b>	61 107...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso C2 600 CDP LED 3800 nw...FR<sup>2)</sup></b>	61 108...	...51	-	3800 lm	A++/A+/A	35	8.6
<b>Belviso C2 600 CDP LED 3800 nw...FY<sup>2)</sup></b>	61 109...	...51	-	3800 lm	A++/A+/A	35	8.6

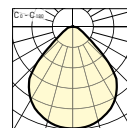
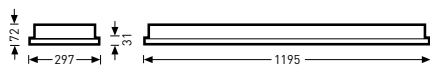
<sup>1)</sup> For installing the BelvisoAct C2, one set of BelvisoAct C2 ZBB fixing brackets must be ordered

<sup>2)</sup> For installing the Belviso C2 luminaire, a set of Belviso C2 ZBB mounting brackets is required, to be ordered separately

• IK02/0.2 J 650 °C



## Highly efficient semi-recessed LED luminaires with optimised, new microprisms CDP



System dimension 300 mm

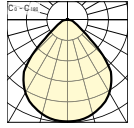
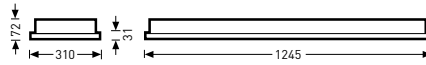


Reference <sup>1)</sup>	TOC	...ETDD	...ET		EEC	W	≈kg
LED							
• Belviso C2 M46 CDP LED 3800 nw...	61 117...	...51	...40	3800 lm	A++/A+/A	35	7.5
Belviso C2 M46 CDP LED 3800 nw...GST	61 123...	...51	-	3800 lm	A++/A+/A	35	7.1
LED, with coloured light frame							
Belviso C2 M46 CDP LED 3800 nw...FB	61 118...	...51	-	3800 lm	A++/A+/A	35	7.0
Belviso C2 M46 CDP LED 3800 nw...FG	61 119...	...51	-	3800 lm	A++/A+/A	35	7.0
Belviso C2 M46 CDP LED 3800 nw...FO	61 120...	...51	-	3800 lm	A++/A+/A	35	7.0
Belviso C2 M46 CDP LED 3800 nw...FR	61 121...	...51	-	3800 lm	A++/A+/A	35	7.0
Belviso C2 M46 CDP LED 3800 nw...FY	61 122...	...51	-	3800 lm	A++/A+/A	35	7.0

<sup>1)</sup> For installing the Belviso C2, one set of Belviso C2 ZBB fixing brackets must be ordered

• IK02/0.2 J 650 °C

## Highly efficient semi-recessed LED luminaires with optimised, new microprisms CDP



System dimension 312.5 mm



Reference <sup>1)</sup>	TOC	...ETDD	...ET		EEC	W	=kg
LED							
• Belviso C2 M57 CDP LED 3800 nw...	61 126...	...51	...40	3800 lm	A++/A+/A	35	7.5
Belviso C2 M57 CDP LED 3800 nw...GST	61 132...	...51	-	3800 lm	A++/A+/A	35	8.5
LED, with coloured light frame							
Belviso C2 M57 CDP LED 3800 nw...FB	61 127...	...51	-	3800 lm	A++/A+/A	35	8.5
Belviso C2 M57 CDP LED 3800 nw...FG	61 128...	...51	-	3800 lm	A++/A+/A	35	8.5
Belviso C2 M57 CDP LED 3800 nw...FO	61 129...	...51	-	3800 lm	A++/A+/A	35	8.5
Belviso C2 M57 CDP LED 3800 nw...FR	61 130...	...51	-	3800 lm	A++/A+/A	35	8.5
Belviso C2 M57 CDP LED 3800 nw...FY	61 131...	...51	-	3800 lm	A++/A+/A	35	8.5

<sup>1)</sup>For installing the Belviso C2, one set of Belviso C2 ZBB fixing brackets must be ordered

• IK02/0.2 J 650 °C

### Fixing accessories

Reference	TOC	Accessory description	=kg
Belviso C2 ZBB	61 148 00	Fixing brackets for recess mounting in ceilings with exposed grids, concealed grids and cut-out ceiling openings (4 pieces)	0.1
BelvisoAct C2 ZBB	62 353 00	Fixing bracket for installing in ceilings with visible and concealed grids and cut-out ceiling openings (4 pieces), for BelvisoAct C2	0.1

## BELVISO C1 LED

RECESSED LUMINAIRES  
WITH MICROPRISMS























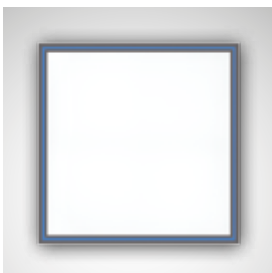
THE STANDARD FOR EFFICIENCY AND ATTRACTIVE LIGHT

- Outstanding efficiency of 109 lm/W with the Belviso LED leads to energy savings of more than 40% compared to T5.
- Completely homogeneous illumination creates a feel-good atmosphere at workstations via shadow-free light.
- The design as a pure surface is enlivened by the precisely delineated light contour.
- Coloured light guides for individual light atmospheres.



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-  ✓
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-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  White-white control

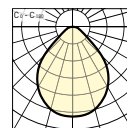
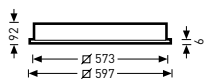
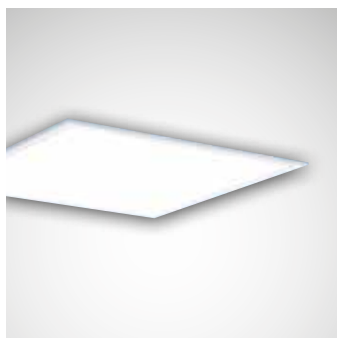
Coloured light guides



Various system dimensions available



## Highly efficient recessed LED luminaires with new, optimised CDP microprisms



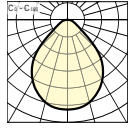
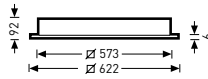
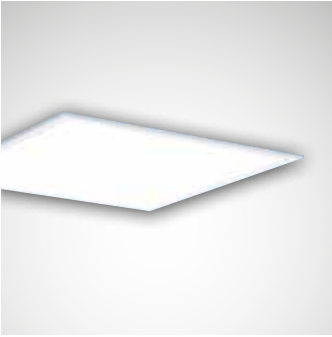
System dimension 600 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED for colour temperature-adjustable lighting							
• <b>BelvisoAct C1 600 CDP LED 4300...</b>	61 964...	...51	-	8600 lm	A++/A+/A	116	8.5
LED							
<b>Belviso C1 600 CDP LED 3900 nw...01</b>	60 661...	...51	...40	3900 lm	A++/A+/A	35	7.7
<b>Belviso C1 600 CDP LED 3900 nw...GST</b>	60 715...	...51	...40	3900 lm	A++/A+/A	35	7.8
LED, with coloured light frame							
<b>Belviso C1 600 CDP LED 3900 nw...FB</b>	61 077...	...51	-	3900 lm	A++/A+/A	35	7.7
<b>Belviso C1 600 CDP LED 3900 nw...FG</b>	61 078...	...51	-	3900 lm	A++/A+/A	35	7.7
<b>Belviso C1 600 CDP LED 3900 nw...FO</b>	61 079...	...51	-	3900 lm	A++/A+/A	35	7.7
<b>Belviso C1 600 CDP LED 3900 nw...FR</b>	61 080...	...51	-	3900 lm	A++/A+/A	35	7.7
<b>Belviso C1 600 CDP LED 3900 nw...FY</b>	61 081...	...51	-	3900 lm	A++/A+/A	35	7.7

• IK02/0.2 J 650 °C

## Highly efficient recessed LED luminaires with new, optimised CDP microprisms



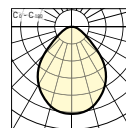
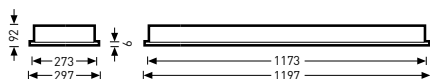
System dimension 625 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
LED for colour temperature-adjustable lighting							
• <b>BelvisoAct C1 625 CDP LED 4300...</b>	61 965...	...51	-	8600 lm	A++/A+/A	116	7.7
LED							
<b>Belviso C1 625 CDP LED 3900 nw...01</b>	60 662...	...51	...40	3900 lm	A++/A+/A	35	7.9
<b>Belviso C1 625 CDP LED 3900 nw...GST</b>	60 717...	...51	...40	3900 lm	A++/A+/A	35	8.0
LED, with coloured light frame							
<b>Belviso C1 625 CDP LED 3900 nw...FB</b>	61 082...	...51	-	3900 lm	A++/A+/A	35	7.9
<b>Belviso C1 625 CDP LED 3900 nw...FG</b>	61 083...	...51	-	3900 lm	A++/A+/A	35	7.9
<b>Belviso C1 625 CDP LED 3900 nw...FO</b>	61 084...	...51	-	3900 lm	A++/A+/A	35	7.9
<b>Belviso C1 625 CDP LED 3900 nw...FR</b>	61 085...	...51	-	3900 lm	A++/A+/A	35	7.9
<b>Belviso C1 625 CDP LED 3900 nw...FY</b>	61 086...	...51	-	3900 lm	A++/A+/A	35	7.9

• IK02/0.2 J 650 °C

## Highly efficient recessed LED luminaires with optimised new microprisms (CDP)



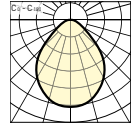
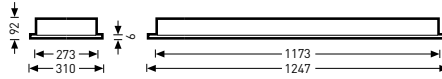
System dimension 300 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED							
• Belviso C1 M46 CDP LED 3800 nw...	61 089...	...51	...40	3900 lm	A++/A+/A	35	7.5
Belviso C1 M46 CDP LED 3800 nw...GST	61 095...	...51	-	3900 lm	A++/A+/A	35	8.1
LED, with coloured light frame							
Belviso C1 M46 CDP LED 3800 nw...FB	61 090...	...51	-	3900 lm	A++/A+/A	35	8.0
Belviso C1 M46 CDP LED 3800 nw...FG	61 091...	...51	-	3900 lm	A++/A+/A	35	8.0
Belviso C1 M46 CDP LED 3800 nw...FO	61 092...	...51	-	3900 lm	A++/A+/A	35	8.0
Belviso C1 M46 CDP LED 3800 nw...FR	61 093...	...51	-	3900 lm	A++/A+/A	35	8.0
Belviso C1 M46 CDP LED 3800 nw...FY	61 094...	...51	-	3900 lm	A++/A+/A	35	8.0

• IK02/0.2 J 650 °C

## Highly efficient recessed LED luminaires with new, optimised (CDP) microprisms



System dimension 312.5 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
LED							
• Belviso C1 M57 CDP LED 3800 nw...	61 098...	...51	...40	3900 lm	A++/A+/A	35	7.5
Belviso C1 M57 CDP LED 3800 nw...GST	61 104...	...51	-	3900 lm	A++/A+/A	35	8.5
LED, with coloured light frame							
Belviso C1 M57 CDP LED 3800 nw...FB	61 099...	...51	-	3900 lm	A++/A+/A	35	8.4
Belviso C1 M57 CDP LED 3800 nw...FG	61 100...	...51	-	3900 lm	A++/A+/A	35	8.4
Belviso C1 M57 CDP LED 3800 nw...FO	61 101...	...51	-	3900 lm	A++/A+/A	35	8.4
Belviso C1 M57 CDP LED 3800 nw...FR	61 102...	...51	-	3900 lm	A++/A+/A	35	8.4
Belviso C1 M57 CDP LED 3800 nw...FY	61 103...	...51	-	3900 lm	A++/A+/A	35	8.4

• IK02/0.2 J 650 °C

### Fixing accessories

Reference	TOC	Accessory description	=kg
Liventy ZBB	56 763 00	Fixing brackets for recess mounting in ceilings with concealed grids and cut-out ceiling openings (4 pieces)	0.1

## LIVENTY (LED)



















LED OR T5 RECESSED  
DIFFUSER LUMINAIRES, OPAL



WHEN DEPENDABLE AND PROGRESSIVE CREATE SOMETHING COMPLETELY UNIQUE

- The lateral light emission softly illuminates the ceiling and the luminaire blends seamlessly into its surroundings.
- Various module sizes, diffuser forms and diffuser positions allow individual application flexibility.
- LED versions significantly cut operating costs due to high efficiency and almost no maintenance.



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-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  Emergency light version with individual battery, 3 hours, Wieland rapid plug system, white-white control

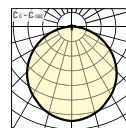
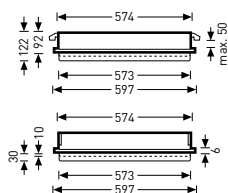
Uniform illumination



Various diffuser designs and module sizes



## Recessed luminaires with decorative PMMA diffuser



System dimension 600 mm



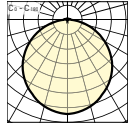
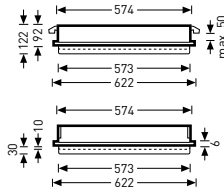
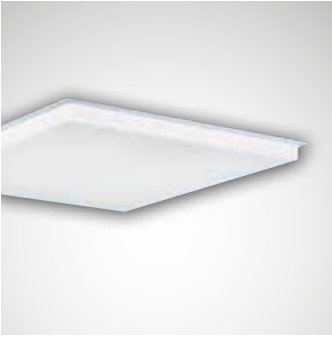
Reference	TOC	...ETDD	...ET	...EDD	...E		EEC	W	≈kg
LED for colour temperature-adjustable lighting									
• LivityAct Flat 600 OT LED 4300...	61 961...	...51	-	-	-	8600 lm	A++/A+/A	47	6.0
LED									
Livity Flat 600 OT LED 3900 nw...01 <sup>1)</sup>	60 286...	...51	...40	-	-	3900 lm	A++/A+/A	35	5.8
Livity Flat 600 OT LED 3900 nw...EB3h 01 <sup>1)</sup>	60 596...	...51	...40	-	-	3900 lm	A++/A+/A	35	6.1
Livity Flat 600 OT LED 3900 nw...GSTT <sup>1)</sup>	60 737...	...51	...40	-	-	3900 lm	A++/A+/A	35	5.8
Livity Flat 600 OT LED 3900 ww...01	61 974...	...51	...40	-	-	3800 lm	A++/A+/A	35	5.8
T5									
Livity Flat 600 OT 314...01	58 996...	-	-	...07	...04	3 x 14	A+/A/B		5.1
Livity Flat 600 OT 324...01	58 997...	-	-	...07	...04	3 x 24	A+/A/B		5.1
Livity Flat 600 OT 414...01	58 998...	-	-	...07	...04	4 x 14	A+/A/B		4.9

<sup>1)</sup> Also available with warm white light colour 3000 K on request

• IK02/0.2 J 650 °C



## Recessed luminaires with decorative PMMA diffuser



System dimension 625 mm

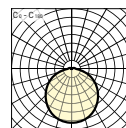
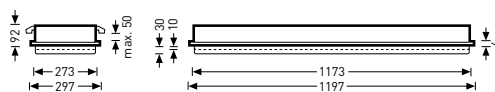


Reference	TOC	...ETDD	...ET	...EDD	...E		EEC	W	=kg
LED for colour temperature-adjustable lighting									
• <b>LiventyAct Flat 625 OT LED 4300...</b>	61 960...	...51	-	-	-	8600 lm	A++/A+/A	47	5.8
LED									
<b>Liventy Flat 625 OT LED 3900 nw...01</b>	60 287...	...51	...40	-	-	3900 lm	A++/A+/A	35	5.8
<b>Liventy Flat 625 OT LED 3900 nw...EB3h 01<sup>1)</sup></b>	60 598...	...51	...40	-	-	3900 lm	A++/A+/A	35	6.1
<b>Liventy Flat 625 OT LED 3900 ww...01</b>	61 975...	...51	...40	-	-	3800 lm	A++/A+/A	35	5.8
T5									
<b>Liventy Flat 625 OT 314...01</b>	58 999...	-	-	...07	...04	3 x 14	A+/A/B		5.3
<b>Liventy Flat 625 OT 324...01</b>	59 000...	-	-	...07	...04	3 x 24	A+/A/B		5.3
<b>Liventy Flat 625 OT 414...01</b>	59 001...	-	-	...07	...04	4 x 14	A+/A/B		5.1

<sup>1)</sup> Also available with warm white light colour 3000 K on request

• IK02/0.2 J 650 °C

## Recessed luminaires with decorative PMMA diffuser



System dimension 300 mm

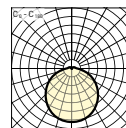
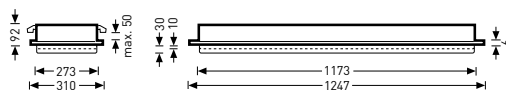


Reference <sup>1)</sup>	TOC	...ETDD	...ET		EEC	W	≈kg
LED							
• Lively Flat M46 OT LED 3900 nw...01	60 911...	...51	...40	3900 lm	A++/A+/A	35	4.9
Lively Flat M46 OT LED 3900 nw...EB3h	60 912...	...51	...40	3900 lm	A++/A+/A	35	5.6
Lively Flat M46 OT LED 3900 nw...GSTT	60 913...	...51	...40	3900 lm	A++/A+/A	35	4.9

<sup>1)</sup> Also available with warm white light colour 3000 K on request

• IK02/0.2 J 650 °C

## Recessed LED luminaires with decorative PMMA diffuser



System dimension 312.5 mm

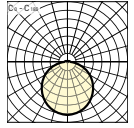
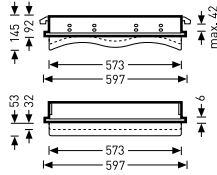
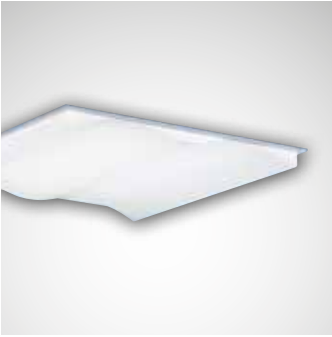


Reference <sup>1)</sup>	TOC	...ETDD	...ET		EEC	W	≈kg
LED							
• Lively Flat M57 OT LED 3900 nw...01	60 914...	...51	...40	3900 lm	A++/A+/A	35	5.1
Lively Flat M57 OT LED 3900 nw...EB3h	60 915...	...51	...40	3900 lm	A++/A+/A	35	5.8
Lively Flat M57 OT LED 3900 nw...GSTT	60 916...	...51	...40	3900 lm	A++/A+/A	35	4.9

<sup>1)</sup> Also available with warm white light colour 3000 K on request

• IK02/0.2 J 650 °C

## Recessed luminaires with decorative PMMA diffuser



System dimension 600 mm

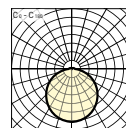
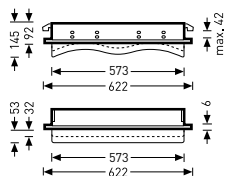
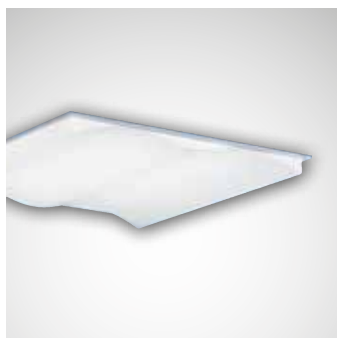


Reference	TOC	...ETDD	...ET	...EDD	...ESD	...E	EEC	W	=kg
LED for colour temperature-adjustable lighting									
• LivityAct 600 OT LED 4300...	61 963...	...51	-	-	-	- 8600 lm	A++/A+/A	47	6.1
LED									
Livity 600 OT LED 3900 nw...01 <sup>1)</sup>	60 284...	...51	...40	-	-	- 3900 lm	A++/A+/A	35	6.1
Livity 600 OT LED 3900 nw...EB3h 01 <sup>1)</sup>	60 597...	...51	...40	-	-	- 3900 lm	A++/A+/A	35	6.1
Livity 600 OT LED 3900 nw...GSTT <sup>1)</sup>	60 735...	...51	...40	-	-	- 3900 lm	A++/A+/A	35	5.8
Livity 600 OT LED 3900 ww...01	61 972...	...51	...40	-	-	- 3800 lm	A++/A+/A	35	6.3
T5									
Livity 600 OT 314...01	56 753...	-	-	...07	-	...04 3 x 14	A+/A/B		4.9
Livity 600 OT 314/24...01	60 712...	-	-	-	...11	- 3 x 14/24	A+/A/B		4.9
Livity 600 OT 324...01	56 754...	-	-	...07	-	...04 3 x 24	A+/A/B		5.1
Livity 600 OT 414...01	56 755...	-	-	...07	-	...04 4 x 14	A+/A/B		4.9
Livity 600 OT 414/24...01	60 713...	-	-	-	...11	- 4 x 14/24	A+/A/B		4.9

<sup>1)</sup>Also available with warm white light colour 3000 K on request

• IK02/0.2 J 650 °C

## Recessed luminaires with decorative PMMA diffuser



System dimension 625 mm

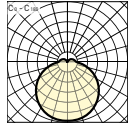
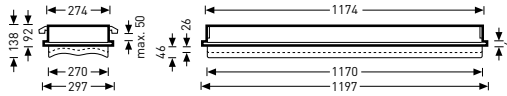
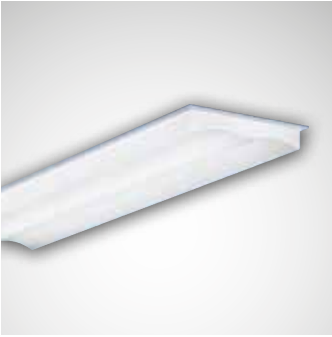


Reference	TOC	...ETDD	...ET	...EDD	...E	☀️	EEC	W	≈kg
LED for colour temperature-adjustable lighting									
• <b>LiventyAct 625 OT LED 4300...</b>	61 962...	...51	-	-	-	8600 lm	A++/A+/A	47	6.3
LED									
<b>Liventy 625 OT LED 3900 nw...01</b>	60 285...	...51	...40	-	-	3900 lm	A++/A+/A	35	6.3
<b>Liventy 625 OT LED 3900 nw...EB3h 01<sup>1)</sup></b>	60 599...	...51	...40	-	-	3900 lm	A++/A+/A	35	6.3
<b>Liventy 625 OT LED 3900 ww...01</b>	61 973...	...51	...40	-	-	3800 lm	A++/A+/A	35	6.3
T5									
<b>Liventy 625 OT 314...01</b>	56 756...	-	-	...07	...04	3 x 14	A+/A/B		5.1
<b>Liventy 625 OT 324...01</b>	56 757...	-	-	...07	...04	3 x 24	A+/A/B		5.3
<b>Liventy 625 OT 414...01</b>	56 758...	-	-	...07	...04	4 x 14	A+/A/B		5.3

<sup>1)</sup> Also available with warm white light colour 3000 K on request

• IK02/0.2 J 650 °C

## Recessed luminaires with decorative PMMA diffuser



System dimension 300 mm



Reference	TOC	...EDD	...ESD	...E		EEC	=kg
T5							
• Livity 300 OT 128/54...	59 061...	...07	...11	...04	1 x 28/54	A+/A/B/C	4.8
Livity 300 OT 228/54...	59 062...	...07	...11	...04	2 x 28/54	A+/A/B/C	4.9

• IK02/0.2 J 650 °C

## Suction pads



Reference	TOC	Accessory description	=kg
ZSG 40	29 305 00	Removal aid for glass covers or diffusers	0.1

## Fixing accessories

Reference	TOC	Accessory description	=kg
Livity ZBB	56 763 00	Fixing brackets for recess mounting in ceilings with concealed grids and cut-out ceiling openings (4 pieces)	0.1

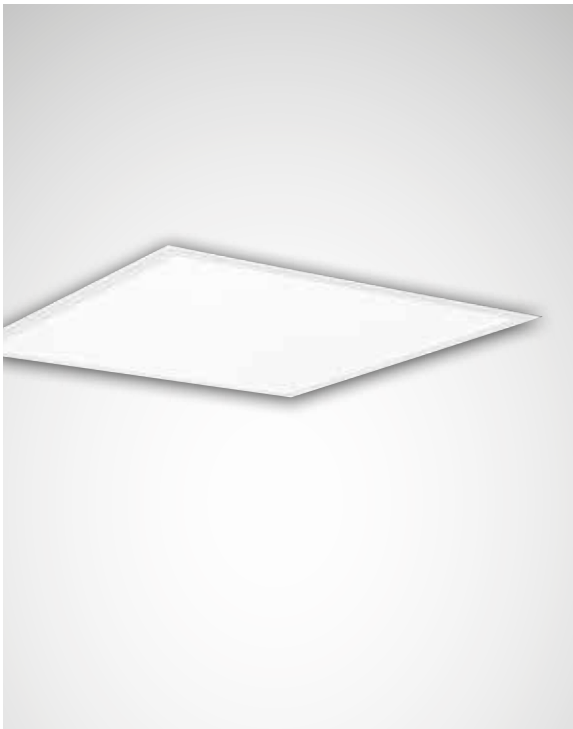
## ARIMO SLIM CDP LED


















ULTRA-FLAT RECESSED  
LED LUMINAIRE  
WITH CDP MICROPRISMS



## THE ULTRA-FLAT REFURBISHMENT SOLUTION FOR PLANAR LIGHT

- The wide-area light is especially pleasant and glare-free in accordance with standards.
- High efficiency ensures rapid pay-back of investment costs.
- The separately connectable control device ensures convenient installation.
- Plug & play connection of control device to the luminaire.
- With the 4+1 package, installation is even simpler and almost 50% quicker.



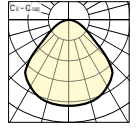
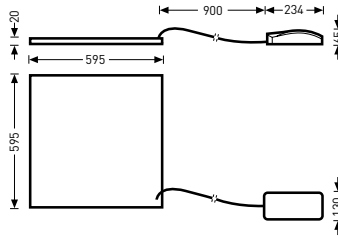
-  
-   
-   
-  
-  ✓
-   
-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  Emergency light version with individual battery, 3 hours

Uniform illumination and glare reduction compliant to UGR19

Low housing height (20 mm)



## Recessed LED luminaire with CDP microprismatic cover



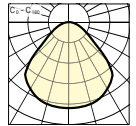
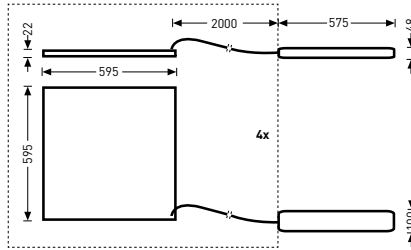
System dimension 600 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M73, LED, luminous flux 3000							
• ArimoS M73 CDP LED 3000-830...01	63 253...	...51	...40	2900 lm	A++/A+/A	30	5.8
ArimoS M73 CDP LED 3000-840...01	63 254...	...51	...40	3000 lm	A++/A+/A	30	5.8
ArimoS M73 CDP LED 3000-840...EB3	63 261...	...51	...40	3000 lm	A++/A+/A	35	6.8
Module size M73, LED, luminous flux 4000							
ArimoS M73 CDP LED 4000-830...01	63 255...	...51	...40	3800 lm	A++/A+/A	40	5.8
ArimoS M73 CDP LED 4000-840...01	63 256...	...51	...40	4000 lm	A++/A+/A	40	5.8
ArimoS M73 CDP LED 4000-840...EB3	63 262...	...51	...40	4000 lm	A++/A+/A	45	6.8

• IK02/0.2 J 650 °C

## LED-Recessed luminaires with CDP microprismatic cover as 4+1 added value package



System dimension 600 mm

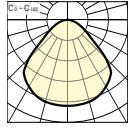
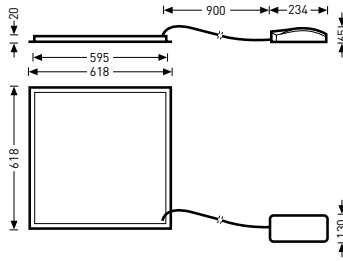


Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M73, LED, luminous flux 4000							
• ArimoS M73 CDP 4+1 LED 4000-840...TWLi	63 802...	...51	...40	4000 lm	A++/A+/A	40	23.8

• IK02/0.2 J 650 °C



## Recessed LED luminaire with CDP microprismatic cover



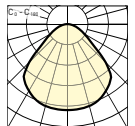
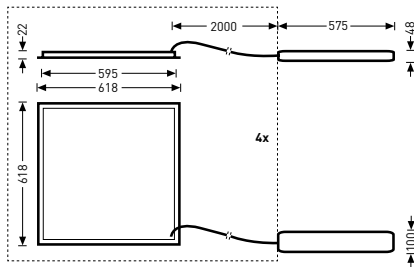
System dimension 625 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
Module size M84, LED, luminous flux 3000							
• ArimoS M84 CDP LED 3000-830...01	63 257...	...51	...40	2900 lm	A++/A+/A	30	5.8
ArimoS M84 CDP LED 3000-840...01	63 258...	...51	...40	3000 lm	A++/A+/A	30	5.8
ArimoS M84 CDP LED 3000-840...EB3	63 263...	...51	...40	3000 lm	A++/A+/A	35	7.0
Module size M84, LED, luminous flux 4000							
ArimoS M84 CDP LED 4000-830...01	63 259...	...51	...40	3800 lm	A++/A+/A	40	5.8
ArimoS M84 CDP LED 4000-840...01	63 260...	...51	...40	4000 lm	A++/A+/A	40	5.8
ArimoS M84 CDP LED 4000-840...EB3	63 264...	...51	...40	4000 lm	A++/A+/A	45	7.0

• IK02/0.2 J 650 °C

## LED-Recessed luminaires with CDP microprismatic cover as 4+1 added value package



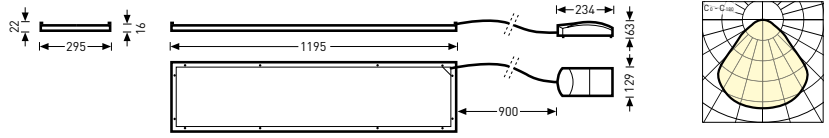
System dimension 625 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
Module size M84, LED, luminous flux 4000							
• ArimoS M84 CDP 4+1 LED 4000-840...TWLI	63 803...	...51	...40	4000 lm	A++/A+/A	40	23.9

• IK02/0.2 J 650 °C

## Recessed LED luminaires with CDP microprismatic cover, long construction size



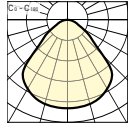
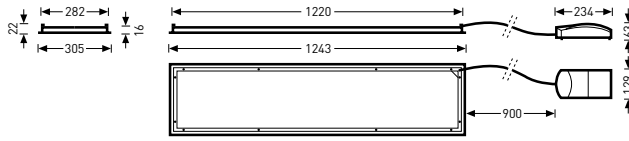
System dimension 300 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M46, LED, luminous flux 3600							
• ArimoS M46 CDP LED 3600-830...01	64 916...	...51	...40	3500 lm	A++/A+/A	37	5.5
ArimoS M46 CDP LED 3600-840...01	64 917...	...51	...40	3600 lm	A++/A+/A	37	5.5
Module size M46, LED, luminous flux 4500							
ArimoS M46 CDP LED 4500-830...01	64 918...	...51	...40	4300 lm	A++/A+/A	46	5.5
ArimoS M46 CDP LED 4500-840...01	64 919...	...51	...40	4500 lm	A++/A+/A	46	5.5

• IK02/0.2 J 650 °C

## Recessed LED luminaires with CDP microprismatic cover, long construction size



System dimension 312.5 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
Module size M57, LED, luminous flux 3600							
• ArimoS M57 CDP LED 3600-830...01	64 924...	...51	...40	3500 lm	A++/A+/A	37	5.8
ArimoS M57 CDP LED 3600-840...01	64 925...	...51	...40	3600 lm	A++/A+/A	37	5.8
Module size M57, LED, luminous flux 4500							
ArimoS M57 CDP LED 4500-830...01	64 926...	...51	...40	4300 lm	A++/A+/A	46	5.8
ArimoS M57 CDP LED 4500-840...01	64 927...	...51	...40	4500 lm	A++/A+/A	46	5.8

• IK02/0.2 J 650 °C

### Mounting accessories

Reference	TOC	Accessory description	=kg
ArimoS CDP ZBB/1	63 608 00	Mounting accessory for installation in cut ceiling apertures. For ArimoS M84 CDP LED recessed luminaires.	0.1

## ARIMO SLIM MRX LED



















RECESSED LED LUMINAIRE  
WITH INNOVATIVE  
MRX TECHNOLOGY



BRINGS FRESH AIR INTO EVERYDAY WORK

- With Micro Reflector Technology (MRX) the light itself is pleasant and without glare even with high luminous flux packages (UGR19 < 1500 cd/m<sup>2</sup>).
- The compact construction provides sufficient mounting space even in tight ceiling conditions, but is still designed to integrate light management or emergency light components.
- Four luminaires share one power connection, thereby cutting installation time by almost 50%.



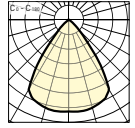
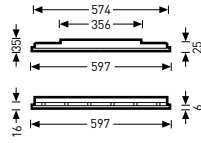
-  
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-  ✓
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-  > 50,000 h
-  switchable and dimmable (DALI), switchable
-  Emergency light version with individual battery, 3 hours, Linect® luminaire connection system

Micro Reflector Technology (MRX)

Also as 4+1 added value package



## Recessed LED luminaire with micro reflector technology



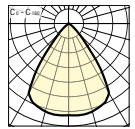
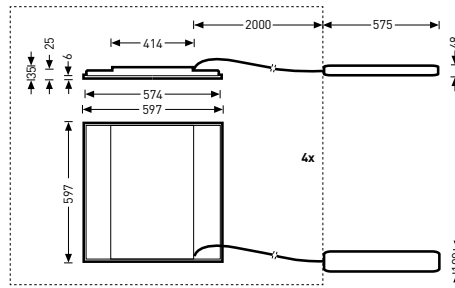
System dimension 600 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M73, LED, luminous flux 3000							
• ArimoS M73 MRX LED 3000-830...TWLi	63 241...	...51	...40	2800 lm	A++/A+/A	26	4.1
ArimoS M73 MRX LED 3000-840...EB3 TWLi	63 249...	-	...40	2900 lm	A++/A+/A	31	4.1
ArimoS M73 MRX LED 3000-840...TWLi	63 242...	...51	...40	2900 lm	A++/A+/A	26	4.1
ArimoS M73 MRX LED 3000-840...EB3	63 249...	...51	-	2900 lm	A++/A+/A	31	4.1
Module size M73, LED, luminous flux 4000							
ArimoS M73 MRX LED 4000-830...TWLi	63 243...	...51	...40	3800 lm	A++/A+/A	38	4.1
ArimoS M73 MRX LED 4000-840...EB3 TWLi	63 250...	-	...40	4000 lm	A++/A+/A	43	4.1
ArimoS M73 MRX LED 4000-840...TWLi	63 244...	...51	...40	4000 lm	A++/A+/A	38	4.1
ArimoS M73 MRX LED 4000-840...EB3	63 250...	...51	-	4000 lm	A++/A+/A	43	4.1

• IK02/0.2 J 650 °C

## Recessed LED luminaires with micro reflector technology as 4+1 added value package



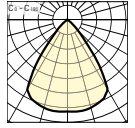
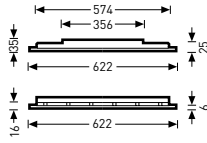
System dimension 600 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M73, LED, luminous flux 4000							
ArimoS M73 MRX 4+1 LED 4000-840...TWLi	63 804...	...51	...40	4000 lm	A++/A+/A	38	19.8

• IK02/0.2 J 650 °C

## Recessed LED luminaire with micro reflector technology



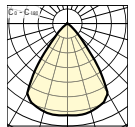
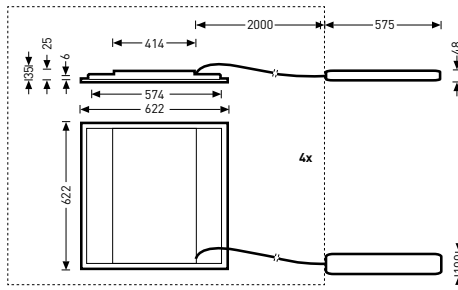
System dimension 625 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
Module size M84, LED, luminous flux 3000							
• ArimoS M84 MRX LED 3000-830...TWLi	63 245...	...51	...40	2800 lm	A++/A+/A	26	4.1
ArimoS M84 MRX LED 3000-840...EB3 TWLi	63 251...	-	...40	2900 lm	A++/A+/A	31	4.1
ArimoS M84 MRX LED 3000-840...TWLi	63 246...	...51	...40	2900 lm	A++/A+/A	26	4.1
ArimoS M84 MRX LED 3000-840...EB3	63 251...	...51	-	2900 lm	A++/A+/A	31	4.1
Module size M84, LED, luminous flux 4000							
ArimoS M84 MRX LED 4000-830...TWLi	63 247...	...51	...40	3800 lm	A++/A+/A	38	4.1
ArimoS M84 MRX LED 4000-840...EB3 TWLi	63 252...	-	...40	4000 lm	A++/A+/A	43	4.1
ArimoS M84 MRX LED 4000-840...TWLi	63 248...	...51	...40	4000 lm	A++/A+/A	38	4.1
ArimoS M84 MRX LED 4000-840...EB3	63 252...	...51	-	4000 lm	A++/A+/A	43	4.1

• IK02/0.2 J 650 °C

## Recessed LED luminaires with micro reflector technology as 4+1 added value package



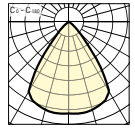
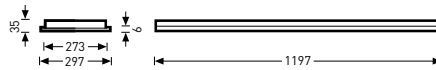
System dimension 625 mm



Reference	TOC	...ETDD	...ET		EEC	W	=kg
Module size M84, LED, luminous flux 4000							
• ArimoS M84 MRX 4+1 LED 4000-840...TWLi	63 805...	...51	...40	4000 lm	A++/A+/A	38	19.8

• IK02/0.2 J 650 °C

## Recessed LED luminaires with micro reflector technology



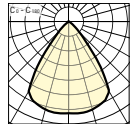
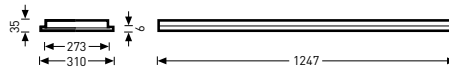
System dimension 300 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M46, LED, luminous flux 3000							
• ArimoS M46 MRX LED 3000-830...TWLi	64 378...	...51	...40	2800 lm	A++/A+/A	26	5.2
ArimoS M46 MRX LED 3000-840...TWLi	64 379...	...51	...40	2900 lm	A++/A+/A	26	5.2
Module size M46, LED, luminous flux 4000							
ArimoS M46 MRX LED 4000-830...TWLi	64 380...	...51	...40	3800 lm	A++/A+/A	38	5.2
ArimoS M46 MRX LED 4000-840...TWLi	64 381...	...51	...40	4000 lm	A++/A+/A	38	5.2

• IK02/0.2 J 650 °C

## Recessed LED luminaires with micro reflector technology



System dimension 312.5 mm



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Module size M57, LED, luminous flux 3000							
• ArimoS M57 MRX LED 3000-830...TWLi	64 382...	...51	...40	2800 lm	A++/A+/A	26	5.3
ArimoS M57 MRX LED 3000-840...TWLi	64 383...	...51	...40	2900 lm	A++/A+/A	26	5.3
Module size M57, LED, luminous flux 4000							
ArimoS M57 MRX LED 4000-830...TWLi	64 384...	...51	...40	3800 lm	A++/A+/A	38	5.3
ArimoS M57 MRX LED 4000-840...TWLi	64 385...	...51	...40	4000 lm	A++/A+/A	38	5.3

• IK02/0.2 J 650 °C

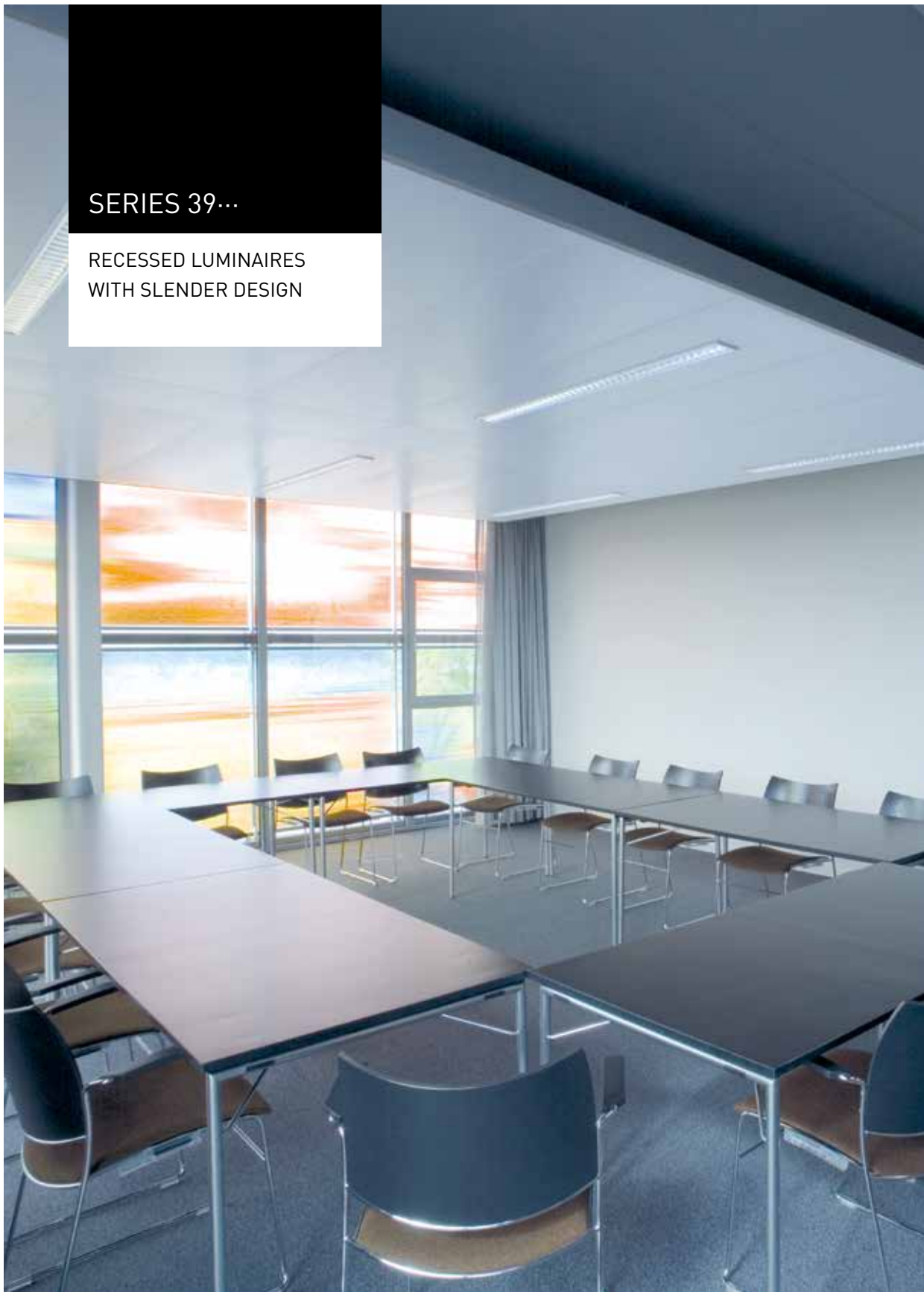


**Mounting accessories**

Reference	TOC	Accessory description	=kg
<b>ArimoS MRX ZBB/1</b>	63 610 00	Mounting accessory for installation in ceiling cut-outs and system ceilings with concealed grids in module dimensions M73/M84	1.4
<b>ArimoS MRX ZBB/2</b>	64 478 00	Mounting accessory for installation in ceiling cut-outs and system ceilings with concealed grids in module dimensions M46/M57	1.4

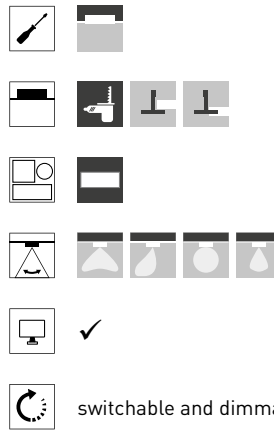
SERIES 39...

RECESSED LUMINAIRES  
WITH SLENDER DESIGN



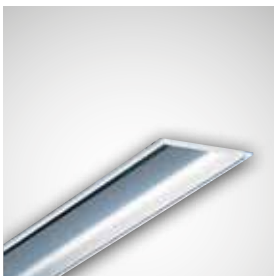
## SLENDER LIGHT WITH FLEXIBLE APPLICATIONS

- Especially slender design blends discreetly into all interiors.
- Highly diverse applications are optimally illuminated thanks to the wide spectrum of optical systems, including wallwashers.
- Versions available for standard-compliant computer screen illumination.

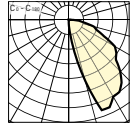
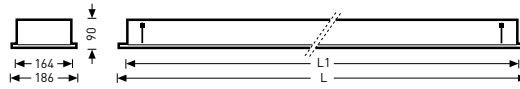
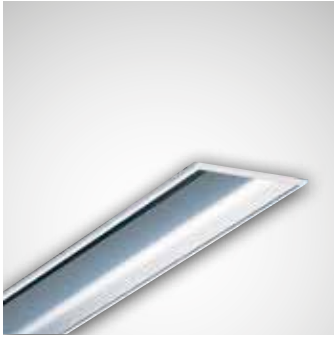


Wallwasher optic for wall and shelf lighting

Translucent optic for pleasant light



Recessed luminaires with RAV wallwasher optic



L: 1247 [3902 RAV/1x28/54...], 1197 [3912 RAV/1x28/54...], 1497 [3912 RAV/1x35/49/80...]  
 L1: 1174 [...1x28/54...], 1474 [...1x35/49...]

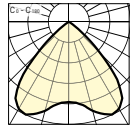
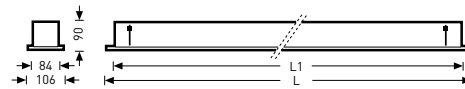
System dimension 187 mm



Reference	TOC	...EDD	...E		EEC	≈kg
• 3902 RAV/1x28/54...	45 767...	...07	...04	1 x 28/54	A+/A/B/C	5.1
3912 RAV/1x28/54...	42 087...	...07	...04	1 x 28/54	A+/A/B/C	4.9
3912 RAV/1x35/49/80...	42 086...	...07	...04	1 x 35/49/80	A+/A/B/C	5.7

• IK02/0.2 J 960 °C

Recessed luminaires with parabolic specular louvre RMV, matt



L: 1247 [3901.../28/54...], 1197 [3911.../28/54...], 1497 [3911.../35/49/80...]  
 L1: 1174 [...28/54...], 1474 [...35/49/80...]

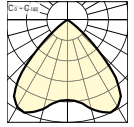
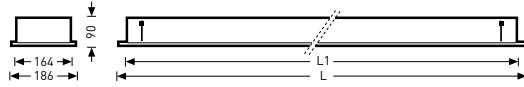
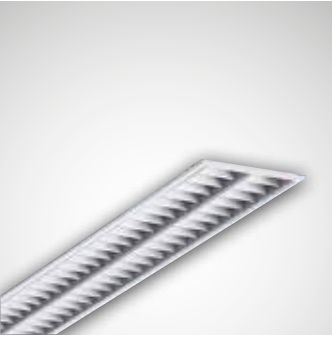
System dimension 107 mm



Reference	TOC	...EDD	...E		EEC	≈kg
• 3901 RMV/28/54...	49 622...	...07	...04	1 x 28/54	A+/A/B/C	3.6
3911 RMV/28/54...	47 151...	...07	...04	1 x 28/54	A+/A/B/C	3.4
3911 RMV/35/49/80...	47 154...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

• IK02/0.2 J 960 °C

Recessed luminaires with parabolic specular louvre RMV, matt



L: 1247 [3902.../28/54...], 1197 [3912.../28/54...], 1497 [3912.../35/49...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49...]

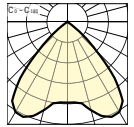
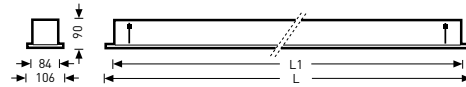
System dimension 187 mm



Reference	TOC	...EDD	...E		EEC	=kg
• 3902 RMV/28/54...	57 920...	...07	...04	2 x 28/54	A+/A/B/C	5.6
3912 RMV/28/54...	57 925...	...07	...04	2 x 28/54	A+/A/B/C	5.4
3912 RMV/35/49...	57 926...	...07	...04	2 x 35/49	A+/A/B	6.1

• IK02/0.2 J 960 °C

Recessed luminaires with highly specular DARKLIGHT parabolic louvre RPX



L: 1247 [3901.../28/54...], 1197 [3911.../28/54...], 1497 [3911.../35/49/80...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49/80...]

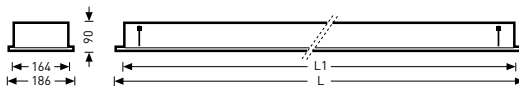
System dimension 107 mm



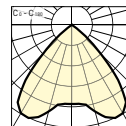
Reference	TOC	...EDD	...E		EEC	=kg
• 3901 RPX/28/54...	45 763...	...07	...04	1 x 28/54	A+/A/B/C	3.6
3911 RPX/28/54...	42 095...	...07	...04	1 x 28/54	A+/A/B/C	3.4
3911 RPX/35/49/80...	42 094...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1

• IK02/0.2 J 960 °C

Recessed luminaires with highly specular DARKLIGHT parabolic louvre RPX



L: 1247 [3902.../28/54...], 1197 [3912.../28/54...], 1497 [3912.../35/49...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49...]



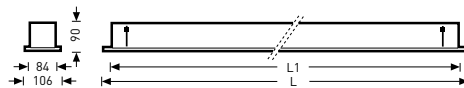
System dimension 187 mm



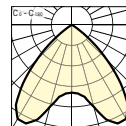
Reference	TOC	...EDD	...E		EEC	≈kg
• 3902 RPX/28/54...	57 921...	...07	...04	2 x 28/54	A+/A/B/C	5.1
3912 RPX/28/54...	57 927...	...07	...04	2 x 28/54	A+/A/B/C	5.4
3912 RPX/35/49...	57 928...	...07	...04	2 x 35/49	A+/A/B	6.1

• IK02/0.2 J 960 °C

Recessed luminaires with specular louvre RSV



L: 1247 [3901.../28/54...], 1197 [3911.../28/54...], 1497 [3911.../35/49/80...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49/80...]



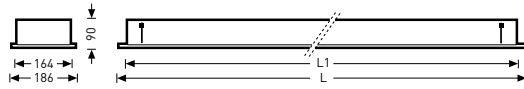
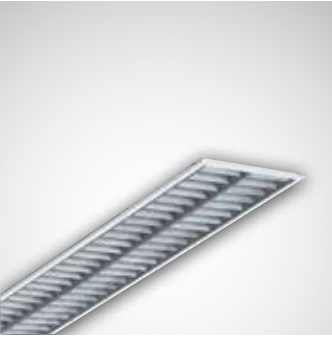
System dimension 107 mm



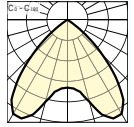
Reference	TOC	...EDD	...E		EEC	≈kg
• 3901 RSV/28/54...	47 136...	...07	...04	1 x 28/54	A+/A/B/C	3.5
3911 RSV/28/54...	42 092...	...07	...04	1 x 28/54	A+/A/B/C	3.4
3911 RSV/35/49/80...	42 093...	...07	...04	1 x 35/49/80	A+/A/B/C	4.1

• IK02/0.2 J 960 °C

Recessed luminaires with specular louvre RSV



L: 1247 [3902.../28/54...], 1197 [3912.../28/54...], 1497 [3912.../35/49...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49...]



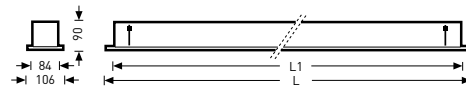
System dimension 187 mm



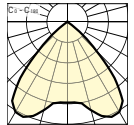
Reference	TOC	...EDD	...E		EEC	=kg
• 3902 RSV/28/54...	57 922...	...07	...04	2 x 28/54	A+/A/B/C	5.6
3912 RSV/28/54...	57 934...	...07	...04	2 x 28/54	A+/A/B/C	5.4
3912 RSV/35/49...	57 929...	...07	...04	2 x 35/49	A+/A/B	6.1

• IK02/0.2 J 960 °C

Recessed luminaires with semi-specular DARKLIGHT parabolic louvre RSX



L: 1247 [3901.../28/54...], 1197 [3911.../28/54...], 1497 [3911.../35/49/80...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49/80...]



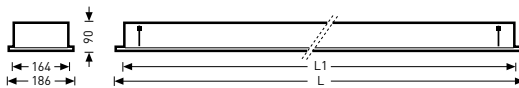
System dimension 107 mm



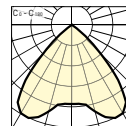
Reference	TOC	...EDD	...E		EEC	=kg
• 3901 RSX/28/54...	45 765...	...07	...04	1 x 28/54	A+/A/B/C	3.0
3911 RSX/28/54...	42 091...	...07	...04	1 x 28/54	A+/A/B/C	3.4
3911 RSX/35/49/80...	42 090...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

• IK02/0.2 J 960 °C

Recessed luminaires with semi-specular DARKLIGHT parabolic louvre RSX



L: 1247 [3902.../28/54...], 1197 [3912.../28/54...], 1497 [3912.../35/49...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49...]



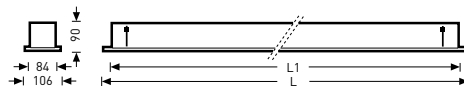
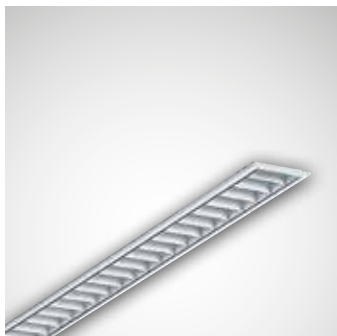
System dimension 187 mm



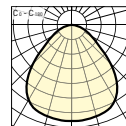
Reference	TOC	...EDD	...E		EEC	≈kg
• 3902 RSX/28/54...	57 923...	...07	...04	2 x 28/54	A+/A/B/C	5.6
3912 RSX/28/54...	57 930...	...07	...04	2 x 28/54	A+/A/B/C	5.4
3912 RSX/35/49...	57 931...	...07	...04	2 x 35/49	A+/A/B	6.1

• IK02/0.2 J 960 °C

Recessed luminaires with white louvre RWV



L: 1247 [3901.../28/54...], 1197 [3911.../28/54...], 1497 [3911.../35/49/80...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49/80...]



System dimension 107 mm

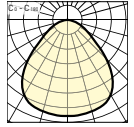
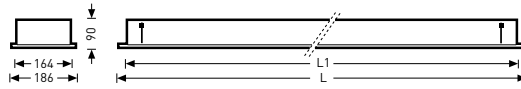
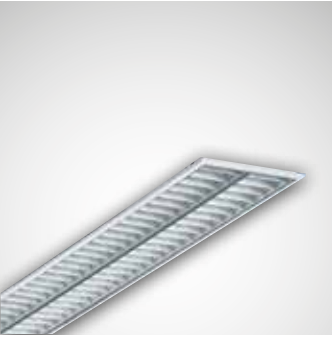


Reference	TOC	...EDD	...E		EEC	≈kg
• 3901 RWV/28/54...	41 890...	...07	...04	1 x 28/54	A+/A/B/C	3.0
3911 RWV/28/54...	41 893...	...07	...04	1 x 28/54	A+/A/B/C	2.9
3911 RWV/35/49/80...	41 895...	...07	...04	1 x 35/49/80	A+/A/B/C	3.3

• IK02/0.2 J 960 °C



Recessed luminaires with white louvre RWV



L: 1247 [3902.../28/54...], 1197 [3912.../28/54...], 1497 [3912.../35/49...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49...]

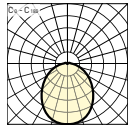
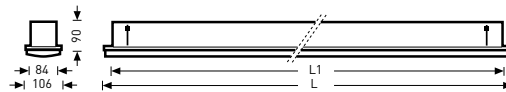
System dimension 187 mm



Reference	TOC	...EDD	...E		EEC	=kg
• 3902 RWV/28/54...	57 924...	...07	...04	2 x 28/54	A+/A/B/C	5.1
3912 RWV/28/54...	57 932...	...07	...04	2 x 28/54	A+/A/B/C	5.4
3912 RWV/35/49...	57 933...	...07	...04	2 x 35/49	A+/A/B	5.5

• IK02/0.2 J 960 °C

Recessed luminaires with translucent PMMA diffuser T



L: 1247 [3901 T/28/54...], 1197 [3911 T/28/54...], 1497 [3911 T/35/49/80...]  
 L1: 1174 [.../28/54...], 1474 [.../35/49/80...]

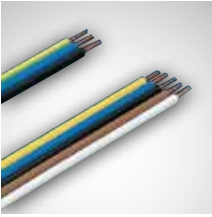
System dimension 107 mm



Reference	TOC	...EDD	...E		EEC	=kg
• 3901 T/28/54...	47 141...	...07	...04	1 x 28/54	A+/A/B/C	3.0
3911 T/28/54...	47 146...	...07	...04	1 x 28/54	A+/A/B/C	3.0
3911 T/35/49/80...	47 229...	...07	...04	1 x 35/49/80	A+/A/B/C	3.8

• IK02/0.2 J 650 °C

### Through-wirings



Reference	TOC	Accessory description	≈kg
03910/3LV/1450	45 758 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for ...28, ...54 luminaires	0.1
03910/3LV/1750	45 759 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for ...35, ...49, ...80 luminaires	0.1
03910/5LV/1450	45 760 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for ...28, ...54 luminaires	0.1
03910/5LV/1750	45 761 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for ...35, ...49, ...80 luminaires	0.1
07690/5LV/25m	21 890 00	Through-wiring 5 x 1.5 mm <sup>2</sup> , length 25 m	2.5

### Fixing accessories



Reference	TOC	Accessory description	≈kg
370/1	11 448 00	1 set fixing brackets, fixing angle optionally only with 3902..., 3912... instead of 370/1N	0.1
370/1N	11 449 00	1 set fixing brackets, rapid mounting swivel brackets	0.1



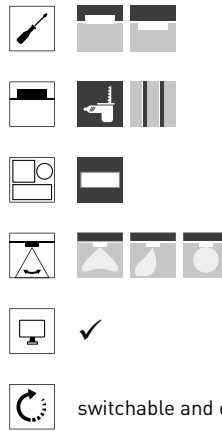
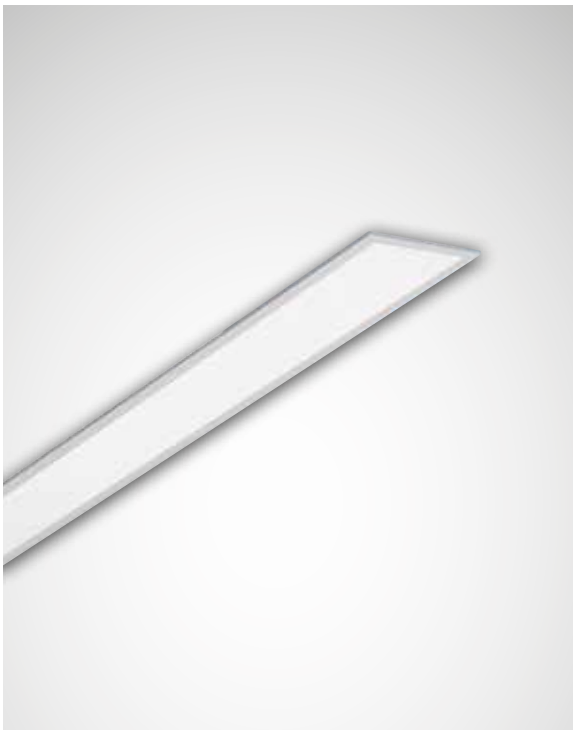


## SOLVAN C

FILIGREE RECESSED  
LUMINAIRES FROM  
THE SOLVAN SERIES

## THIS IS HOW IMPRESSIVE RESTRAINED DESIGN CAN BE

- Slender design, low recessing height and exceedingly simple, tool-free mounting.
- Optimised for recessing in ceilings and also in walls.
- The discreet light line emphasises architectural axes.
- A wide variety of optics ensures maximum creative and optical flexibility.
- With WIELAND top-ready adapter for a simple electrical connection.



switchable and dimmable (DALI), switchable

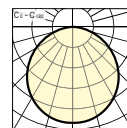
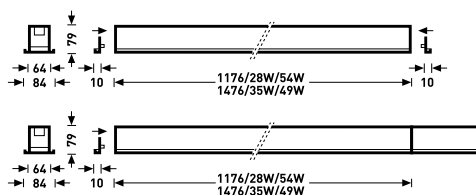
Almost ceiling-flush  
installation



WIELAND top-ready adapter



## Recessed luminaires with polycarbonate covers (0A-PC)

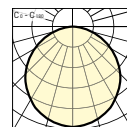
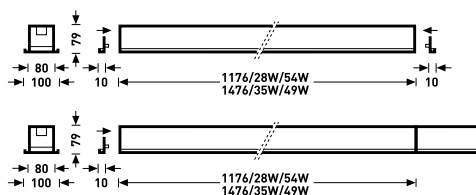


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan C1-L 0A-PC 128/54...01	51 629...	...07	...04	1 x 28/54	A+/A/B/C	2.8
Solvan C1-L 0A-PC 135/49...01	51 630...	...07	...04	1 x 35/49	A+/A/B	3.5
Silver-grey						
Solvan C1-L 0A-PC 128/54...03	51 651...	...07	...04	1 x 28/54	A+/A/B/C	2.4
Solvan C1-L 0A-PC 135/49...03	51 652...	...07	...04	1 x 35/49	A+/A/B	2.9

<sup>1)</sup> End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 850 °C

## Recessed luminaires with polycarbonate covers (0A-PC)

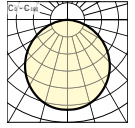
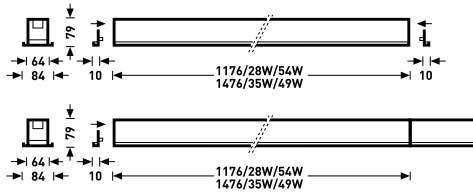


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
Solvan C2-L 0A-PC 228...01	51 639...	...07	...04	2 x 28	A+/A/B	2.7
Solvan C2-L 0A-PC 235/49...01	51 640...	...07	...04	2 x 35/49	A+/A/B	3.2
Silver-grey						
Solvan C2-L 0A-PC 228...03	51 661...	...07	...04	2 x 28	A+/A/B	2.7
Solvan C2-L 0A-PC 235/49...03	51 662...	...07	...04	2 x 35/49	A+/A/B	3.2

<sup>1)</sup> End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 850 °C

## Recessed luminaires with opal PMMA covers (OTA)

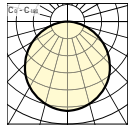
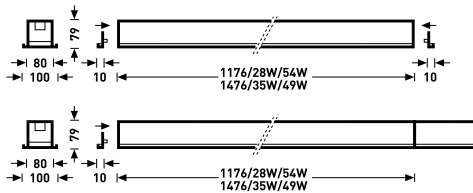


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan C1-L OTA 128/54...01	51 633...	...07	...04	1 x 28/54	A+/A/B/C	2.4
Solvan C1-L OTA 135/49...01	51 634...	...07	...04	1 x 35/49	A+/A/B	2.9
Silver-grey						
Solvan C1-L OTA 128/54...03	51 655...	...07	...04	1 x 28/54	A+/A/B/C	2.9
Solvan C1-L OTA 135/49...03	51 656...	...07	...04	1 x 35/49	A+/A/B	3.5

<sup>1)</sup>End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 650 °C

## Recessed luminaires with opal PMMA covers (OTA)

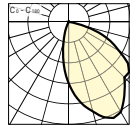
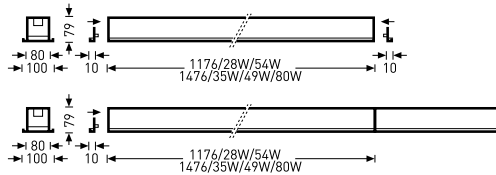


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan C2-L OTA 228...01	51 643...	...07	...04	2 x 28	A+/A/B	3.1
Solvan C2-L OTA 235/49...01	51 644...	...07	...04	2 x 35/49	A+/A/B	3.7
Solvan C2-L OTA 235/49...03	51 666...	...07	...04	2 x 35/49	A+/A/B	3.2

<sup>1)</sup>End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 650 °C

## Recessed luminaires with RAX wallwasher optic

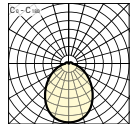
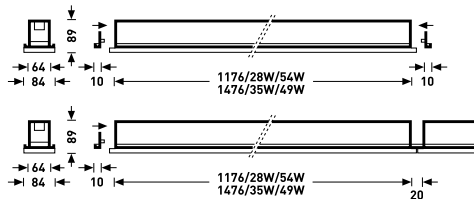


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan C2-L RAX 128/54...01	52 903...	...07	...04	1 x 28/54	A+/A/B/C	2.1
Solvan C2-L RAX 135/49/80...01	52 904...	...07	...04	1 x 35/49/80	A+/A/B/C	2.6
Silver-grey						
Solvan C2-L RAX 128/54...03	52 905...	...07	...04	1 x 28/54	A+/A/B/C	2.1
Solvan C2-L RAX 135/49/80...03	52 906...	...07	...04	1 x 35/49/80	A+/A/B/C	2.6

<sup>1)</sup> End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 850 °C

## Recessed luminaires with PMMA diffuser T



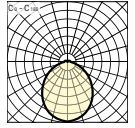
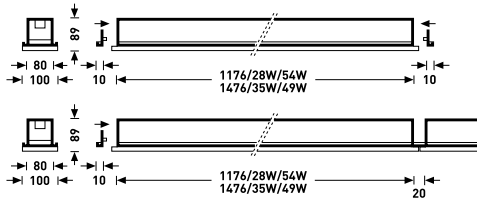
Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan C1-L T 128/54...01	51 631...	...07	...04	1 x 28/54	A+/A/B/C	2.5
Solvan C1-L T 135/49...01	51 632...	...07	...04	1 x 35/49	A+/A/B	3.5
Silver-grey						
Solvan C1-L T 128/54...03	51 653...	...07	...04	1 x 28/54	A+/A/B/C	2.5
Solvan C1-L T 135/49...03	51 654...	...07	...04	1 x 35/49	A+/A/B	3.0

<sup>1)</sup> End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 650 °C



## Recessed luminaires with PMMA diffuser T

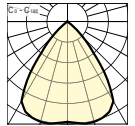
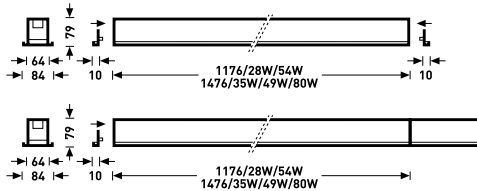


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan C2-L T 228...01	51 641...	...07	...04	2 x 28	A+/A/B	3.3
Solvan C2-L T 235/49...01	51 642...	...07	...04	2 x 35/49	A+/A/B	3.4
Silver-grey						
Solvan C2-L T 228...03	51 663...	...07	...04	2 x 28	A+/A/B	2.8
Solvan C2-L T 235/49...03	51 664...	...07	...04	2 x 35/49	A+/A/B	3.4

<sup>1)</sup>End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 650 °C

## Recessed luminaires with highly specular ultra-low cross-section louvre with UXP technology®

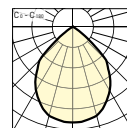
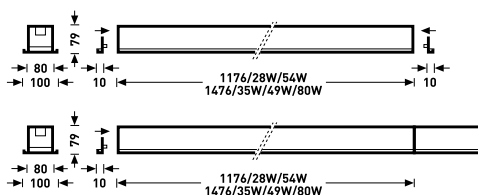


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan C1-L UXP-H 128/54...01	51 635...	...07	...04	1 x 28/54	A+/A/B/C	2.3
Solvan C1-L UXP-H 135/49/80...01	51 636...	...07	...04	1 x 35/49/80	A+/A/B/C	2.7
Silver-grey						
Solvan C1-L UXP-H 128/54...03	51 657...	...07	...04	1 x 28/54	A+/A/B/C	2.3
Solvan C1-L UXP-H 135/49/80...03	51 658...	...07	...04	1 x 35/49/80	A+/A/B/C	2.7

<sup>1)</sup>End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 960 °C

## Recessed luminaires with highly specular ultra-low cross-section louvre with UXP technology®

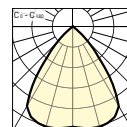
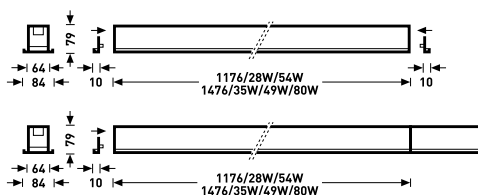


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan C2-L UXP-H 228...01	51 645...	...07	...04	2 x 28	A+/A/B	2.6
Solvan C2-L UXP-H 235/49...01	51 647...	...07	...04	2 x 35/49	A+/A/B	3.1
Silver-grey						
Solvan C2-L UXP-H 228...03	51 667...	...07	...04	2 x 28	A+/A/B	2.6
Solvan C2-L UXP-H 235/49...03	51 669...	...07	...04	2 x 35/49	A+/A/B	3.1

<sup>1)</sup> End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 960 °C

## Recessed luminaires with semi-specular ultra-low cross-section louvre with UXP-Technology®

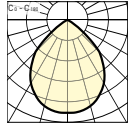
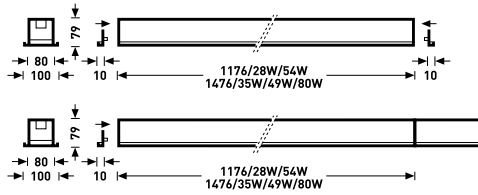


Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	≈kg
White						
• Solvan C1-L UXP-S 128/54...01	51 637...	...07	...04	1 x 28/54	A+/A/B/C	2.3
Solvan C1-L UXP-S 135/49/80...01	51 638...	...07	...04	1 x 35/49/80	A+/A/B/C	2.7
Silver-grey						
Solvan C1-L UXP-S 128/54...03	51 659...	...07	...04	1 x 28/54	A+/A/B/C	2.3
Solvan C1-L UXP-S 135/49/80...03	51 660...	...07	...04	1 x 35/49/80	A+/A/B/C	2.7

<sup>1)</sup> End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 960 °C

## Recessed luminaires with semi-specular ultra-low cross-section louvre with UXP-Technology®



Reference <sup>1)</sup>	TOC	...EDD	...E		EEC	=kg
White						
• Solvan C2-L UXP-S 228...01	51 648...	...07	...04	2 x 28	A+/A/B	2.6
Solvan C2-L UXP-S 235/49...01	51 650...	...07	...04	2 x 35/49	A+/A/B	3.1
Silver-grey						
Solvan C2-L UXP-S 228...03	51 670...	...07	...04	2 x 28	A+/A/B	2.6
Solvan C2-L UXP-S 235/49...03	51 672...	...07	...04	2 x 35/49	A+/A/B	3.1

<sup>1)</sup>End caps for individual luminaires or for continuous line ends as well as further accessories must be ordered separately

• IK02/0.2 J 960 °C

### End caps



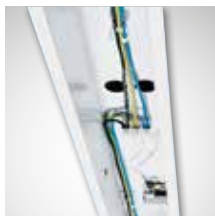
Reference	TOC	Accessory description	=kg
Solvan ZKS 1 01	51 874 00	End caps, 1 pair for 1-lamp version, white	0.1
Solvan ZKS 1 03	51 876 00	End caps, 1 pair for 1-lamp version, silver-grey	0.1
Solvan ZKS 2 01	51 875 00	End caps, 1 pair for 2-lamp version, white	0.1
Solvan ZKS 2 03	51 877 00	End caps, 1 pair for 2-lamp version, silver-grey	0.1

### Removal tools



Reference	TOC	Accessory description	=kg
03630 S	29 265 00	Suction pad for removal of covers for maintenance	0.1

### Through-wirings



Reference	TOC	Accessory description	≈kg
Solvan ZDV 315 28/54	51 884 00	Through-wiring, 3-core for 28/54 W	0.1
Solvan ZDV 315 35/49/80	51 885 00	Through-wiring, 3-core for 35/49/80 W	0.1
Solvan ZDV 515 28/54	51 886 00	Through-wiring, 5-core for 28/54 W	0.1
Solvan ZDV 515 35/49/80	51 887 00	Through-wiring, 5-core for 35/49/80 W	0.2

### Continuous line couplings



Reference	TOC	Accessory description	≈kg
Solvan ZLK 1 OTA OA	51 892 00	Continuous line coupling, 1 set for continuous line mounting Solvan...OTA.../...OA..., 1-lamp	0.1
Solvan ZLK 1 T 01	51 888 00	Continuous line coupling, 1 set for continuous line mounting Solvan...T..., 1-lamp, colour white	0.1
Solvan ZLK 1 T 03	51 890 00	Continuous line coupling, 1 set for continuous line mounting Solvan...T..., 1-lamp, colour silver grey	0.2
Solvan ZLK 2 OTA OA	51 893 00	Continuous line coupling, 1 set for continuous line mounting Solvan...OTA.../...OA..., 2-lamp	0.1
Solvan ZLK 2 T 01	51 889 00	Continuous line coupling, 1 set for continuous line mounting Solvan...T..., 2-lamp, colour white	0.3
Solvan ZLK 2 T 03	51 891 00	Continuous line coupling, 1 set for continuous line mounting Solvan...T... 2-lamp, colour silver grey	0.1
Solvan ZLK UXP	51 878 00	Continuous line coupling, 1 set for continuous line mounting Solvan...UXP/RAX...	0.1

### Mounting accessories for panel ceilings (module 100)



Reference	TOC	Accessory description	≈kg
Solvan ZBP 28/54	51 880 00	Mounting for panel ceilings (module 100), 1 set for Solvan ...UXP.../...OTA.../...OA... for 28/54 W	1.2
Solvan ZBP 35/49/80	51 881 00	Mounting for panel ceilings (module 100), 1 set for Solvan ...UXP.../...OTA.../...OA... for 35/49/80 W	1.5
Solvan ZBP T 28/54	51 882 00	Mounting for panel ceilings (module 100), 1 set for Solvan ...T... for 28/54 W	0.9
Solvan ZBP T 35/49/80	51 883 00	Mounting for panel ceilings (module 100), 1 set for Solvan ...T... for 35/49/80 W	1.1

### Mounting accessories for cut-out ceiling openings



Reference	TOC	Accessory description	=kg
Solvan ZBB/1	58 305 00	Mounting accessory for ceiling cut-outs (ceiling thickness 12.5/15/20 mm), fixing bracket for Solvan C1...	0.1
Solvan ZBB/2	58 306 00	Mounting accessory for ceiling cut-outs (ceiling thickness 12.5/15/20 mm), fixing bracket for Solvan C2...	0.1

### Wieland connectors



Reference	TOC	Accessory description	=kg
ZWI GST 18i3 FB2	49 117 00	WIELAND connector, socket, 3-pole, for adaptation of an external mains cable	0.1
ZWI GST 18i3 K1BS 315/2000	49 114 00	WIELAND connector, connector cable (plug/socket), 3-pole, length 2000 mm	0.2
ZWI GST 18i3 K1BS 315/4000	49 116 00	WIELAND connector, connection cable (plug/socket), 3-pole, length 4000 mm	0.4
ZWI GST 18i3 V5P1	49 119 00	WIELAND connector, multiple distributor (1 input, 5 outputs)	0.1
ZWI GST 18i3 VN2P1	52 270 00	WIELAND connection technology, top-ready adapter, 3-pole, for electrical adaptation on the luminaire canopy	0.1



ENTERIO

MULTIFUNCTIONAL  
RECESSED LUMINAIRES

COMPATIBLE IS WHAT FITS, WITHOUT NEEDING TO BE ADAPTED

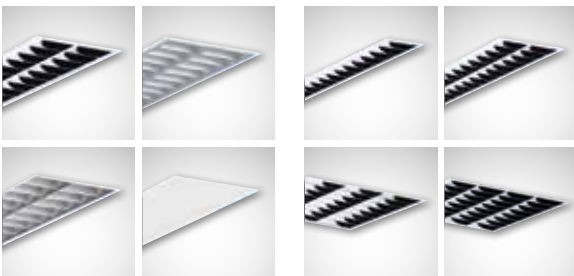
- For simple installation in almost all common ceiling systems.
- Wide range of optical systems and various module sizes.
- For special requirements also with wallwasher optic, higher protection rating, emergency light insert or Wieland.
- High-performance, robust and further individual solutions possible.



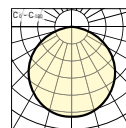
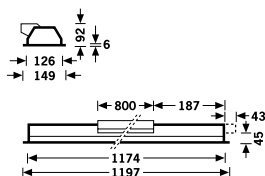
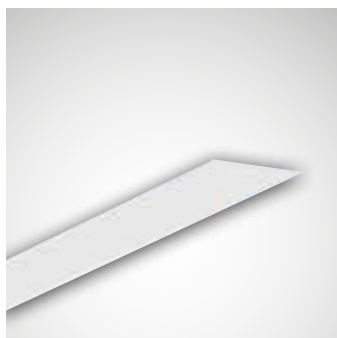
- Screwdriver icon: Simple installation.
- Ceiling grid icon: Fits into common ceiling systems.
- Hand with screwdriver icon: Easy installation.
- T-shaped icons: Various mounting options.
- Square and circle icons: Different module sizes.
- Triangle icon: Wallwasher optic.
- Light bulb icons: Higher protection rating, emergency light insert, or Wieland.
- Monitor icon with checkmark: High-performance and robust.
- Refresh icon: Switchable.
- Ampersand icon: Compatible with various luminaire models:
  - Rapid-mount luminaire with LM 830/ISODOM,
  - Rapid-mount luminaire with LM 830/Wieland,
  - Rapid-mount luminaire with LM 840/ISODOM,
  - Rapid-mount luminaire with LM 840/Wieland

Variety of optical systems

Different sizes



## Recessed luminaires with opal cover

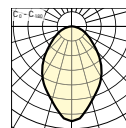
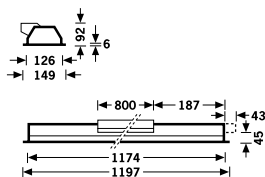
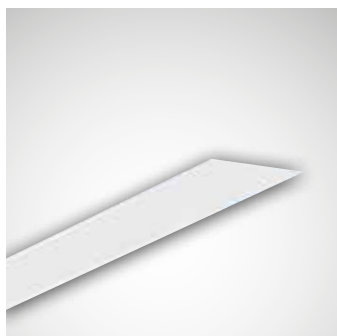


System dimension 150 x 1200 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M26 OA 128...	51 354...	...04	1 x 28	A+/A/B	3.2
• IK02/0.2 J 650 °C					

## Recessed luminaires with PMMA prismatic cover



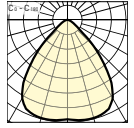
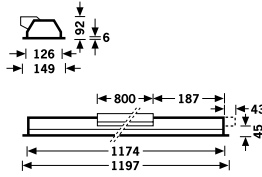
System dimension 150 x 1200 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M26 PA 128...	51 358...	...04	1 x 28	A+/A/B	3.2
• IK02/0.2 J 650 °C					



## Recessed luminaires with RMV specular louvre, matt

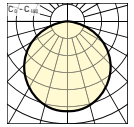
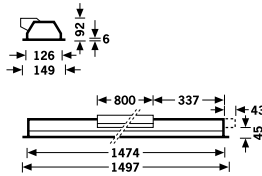


System dimension 150 x 1200 mm



Reference	TOC	...E		EEC	=kg
• Enterio M26 RMV 128...	45 081...	...04	1 x 28	A+/A/B	3.1
• IK02/0.2 J 960 °C					

## Recessed luminaires with opal cover

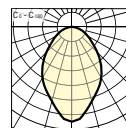
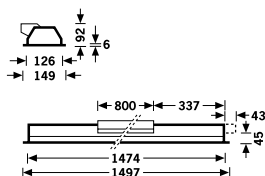
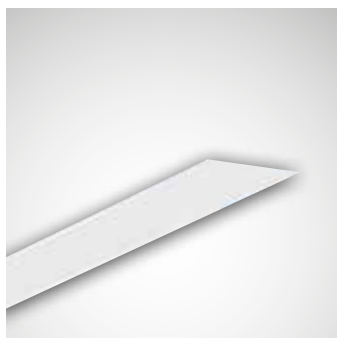


System dimension 150 x 1500 mm



Reference	TOC	...E		EEC	=kg
• Enterio M28 OA 135...	51 362...	...04	1 x 35	A+/A/B	4.6
• IK02/0.2 J 650 °C					

## Recessed luminaires with PMMA prismatic cover



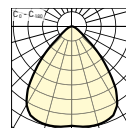
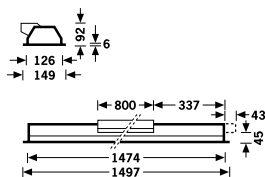
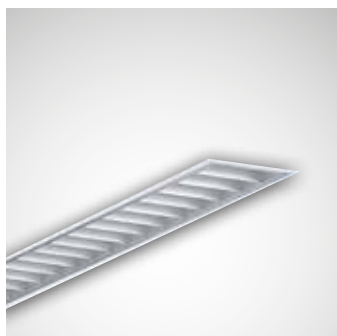
System dimension 150 x 1500 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M28 PA 135...	51 366...	...04	1 x 35	A+/A/B	4.6

• IK02/0.2 J 650 °C

## Recessed luminaires with RMV specular louvre, matt



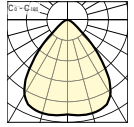
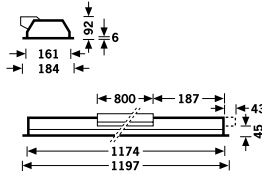
System dimension 150 x 1500 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M28 RMV 135...	45 088...	...04	1 x 35	A+/A/B	3.6

• IK02/0.2 J 960 °C

## Recessed luminaires with RMV specular louvre, matt

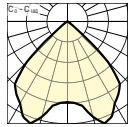
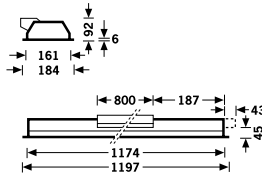


System dimension 185 x 1200 mm



Reference	TOC	...E		EEC	=kg
• Enterio M36 RMV 128...	45 095...	...04	1 x 28	A+/A/B	3.4
• IK02/0.2 J 960 °C					

## Recessed luminaires with highly specular parabolic louvre RPV

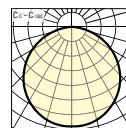
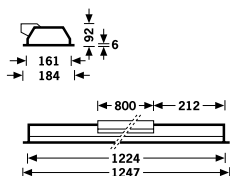
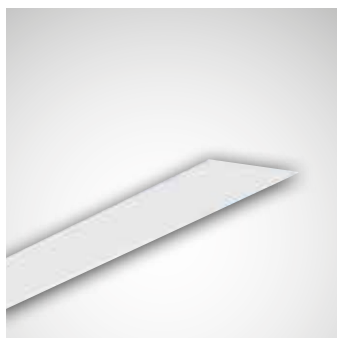


System dimension 185 x 1200 mm



Reference	TOC	...E		EEC	=kg
• Enterio M36 RPV 128...	47 169...	...04	1 x 28	A+/A/B	3.4
• IK02/0.2 J 960 °C					

## Recessed luminaires with opal cover



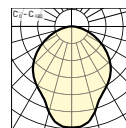
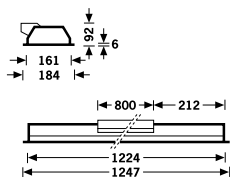
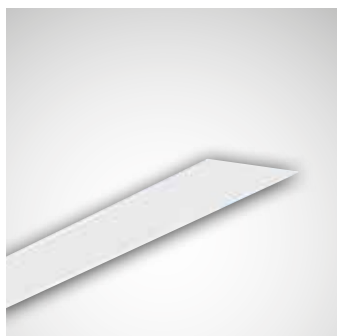
System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M37 OA 128...	48 666...	...04	1 x 28	A+/A/B	3.6

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



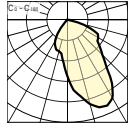
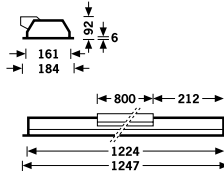
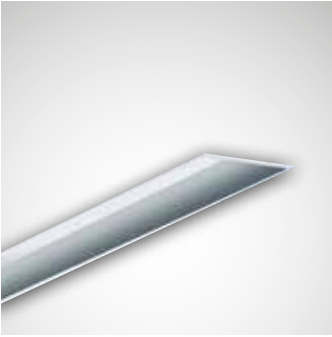
System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M37 PA 128...	48 668...	...04	1 x 28	A+/A/B	3.6

• IK02/0.2 J 650 °C

## Recessed luminaires with RAV wallwasher optic

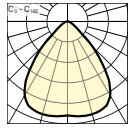
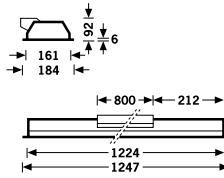


System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	=kg
• Enterio M37 RAV 128...	45 101...	...04	1 x 28	A+/A/B	3.8
					• IK02/0.2 J 650 °C

## Recessed luminaires with specular louvre RMV, matt

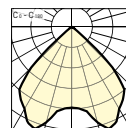
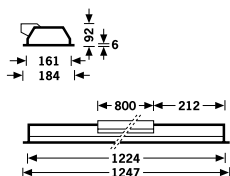


System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	=kg
• Enterio M37 RMV 128...	47 926...	...04	1 x 28	A+/A/B	3.5
					• IK02/0.2 J 960 °C

## Recessed luminaires with highly specular parabolic louvre RPV



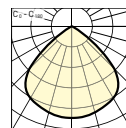
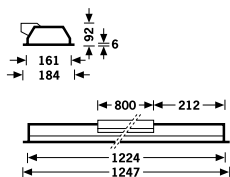
System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M37 RPV 128...	47 176...	...04	1 x 28	A+/A/B	3.5

• IK02/0.2 J 960 °C

## Recessed luminaires with specular louvre RSV



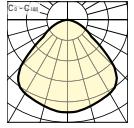
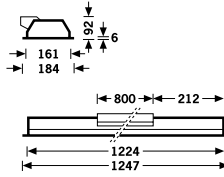
System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M37 RSV 128...	47 927...	...04	1 x 28	A+/A/B	3.5

• IK02/0.2 J 960 °C

## Recessed luminaires with white louvre RWV

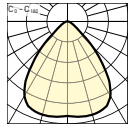
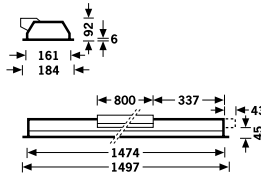


System dimension 185 x 1250 mm



Reference	TOC	...E		EEC	=kg
• Enterio M37 RWV 128...	47 928...	...04	1 x 28	A+/A/B	3.8
• IK02/0.2 J 960 °C					

## Recessed luminaires with specular louvre RMV, matt

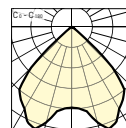
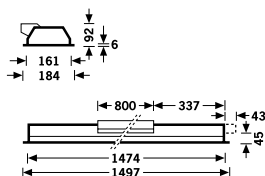


System dimension 185 x 1500 mm



Reference	TOC	...E		EEC	=kg
• Enterio M38 RMV 135...	45 109...	...04	1 x 35	A+/A/B	3.9
• IK02/0.2 J 960 °C					

Recessed luminaires with highly specular parabolic louvre RPV

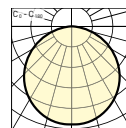
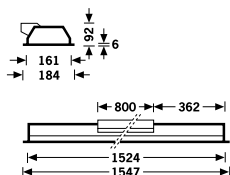
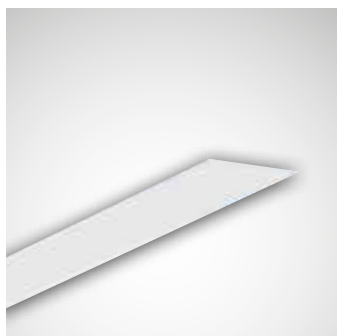


System dimension 185 x 1500 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M38 RPV 135...	47 177...	...04	1 x 35	A+/A/B	3.9
					• IK02/0.2 J 960 °C

Recessed luminaires with opal cover



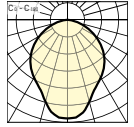
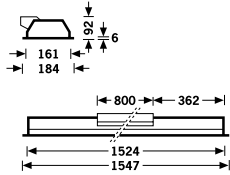
System dimension 185 x 1550 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M39 OA 135...	48 670...	...04	1 x 35	A+/A/B	5.0
					• IK02/0.2 J 650 °C



## Recessed luminaires with PMMA prismatic cover



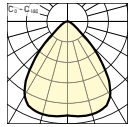
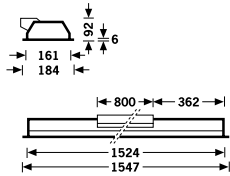
System dimension 185 x 1550 mm



Reference	TOC	...E		EEC	=kg
• Enterio M39 PA 135...	49 424...	...04	1 x 35	A+/A/B	5.0

• IK02/0.2 J 650 °C

## Recessed luminaires with specular louvre RMV, matt



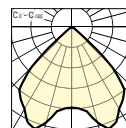
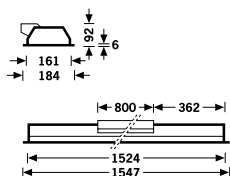
System dimension 185 x 1550 mm



Reference	TOC	...E		EEC	=kg
• Enterio M39 RMV 135...	47 929...	...04	1 x 35	A+/A/B	4.0

• IK02/0.2 J 960 °C

## Recessed luminaires with highly specular parabolic louvre RPV



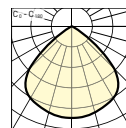
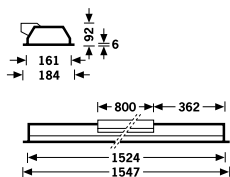
System dimension 185 x 1550 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M39 RPV 135...	47 185...	...04	1 x 35	A+/A/B	4.0

• IK02/0.2 J 960 °C

## Recessed luminaires with specular louvre RSV



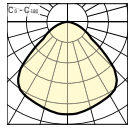
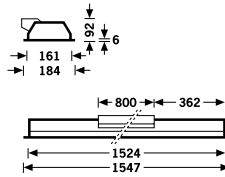
System dimension 185 x 1550 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M39 RSV 135...	47 931...	...04	1 x 35	A+/A/B	4.0

• IK02/0.2 J 960 °C

## Recessed luminaires with white louvre RWV



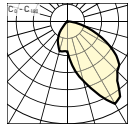
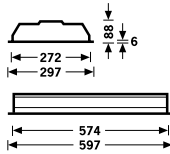
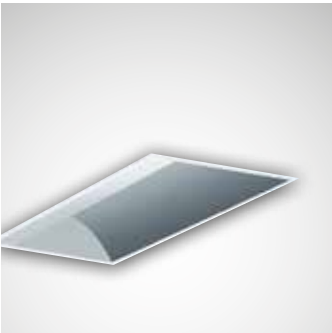
System dimension 185 x 1550 mm



Reference	TOC	...E		EEC	=kg
• Enterio M39 RWV 135...	47 932...	...04	1 x 35	A+/A/B	4.4

• IK02/0.2 J 960 °C

## Recessed luminaires with RAV wallwasher optic



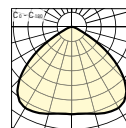
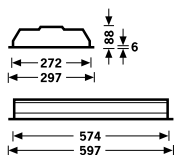
System dimension 300 x 600 mm



Reference	TOC	...E		EEC	=kg
• Enterio M43 RAV 1TCL36...	45 121...	...04	1 x TC-L 36	A	3.8
Enterio M43 RAV 1TCL40...	45 122...	...04	1 x TC-L 40	A+/A	3.8
Enterio M43 RAV 1TCL55...	45 123...	...04	1 x TC-L 55	A+/A	3.8

• IK02/0.2 J 960 °C

## Recessed luminaires with specular louvre RMV, matt



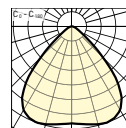
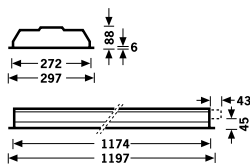
System dimension 300 x 600 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M43 RMV 2TCL36...	45 124...	...04	2 x TC-L 36	A	4.0

• IK02/0.2 J 960 °C

## Recessed luminaires with specular louvre RMV, matt



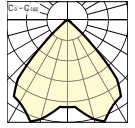
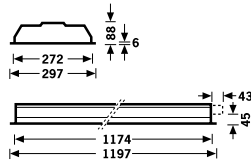
System dimension 300 x 1200 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M46 RMV 228...	45 127...	...04	2 x 28	A+/A/B	4.1

• IK02/0.2 J 960 °C

## Recessed luminaires with highly specular parabolic louvre RPV

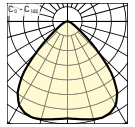
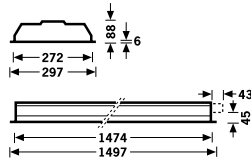


System dimension 300 x 1200 mm



Reference	TOC	...E		EEC	=kg
• Enterio M46 RPV 228...	47 188...	...04	2 x 28	A+/A/B	4.1
• IK02/0.2 J 960 °C					

## Recessed luminaires with specular louvre RMV, matt

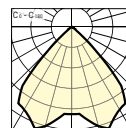
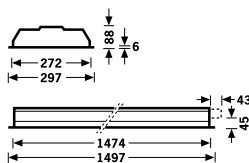


System dimension 300 x 1500 mm



Reference	TOC	...E		EEC	=kg
• Enterio M48 RMV 235...	45 139...	...04	2 x 35	A+/A/B	5.6
• IK02/0.2 J 960 °C					

## Recessed luminaires with highly specular parabolic louvre RPV

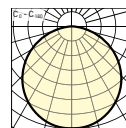
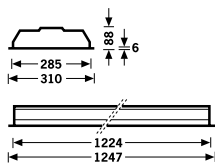
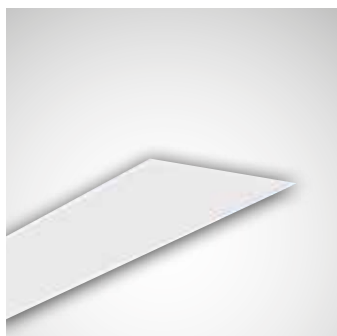


System dimension 300 x 1500 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M48 RPV 235...	45 141...	...04	2 x 35	A+/A/B	5.6
					• IK02/0.2 J 960 °C

## Recessed luminaires with opal cover

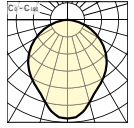
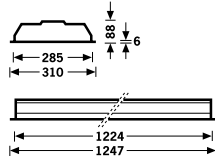


System dimension 312.5 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M57 OA 228...	48 673...	...04	2 x 28	A+/A/B	4.8
					• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover

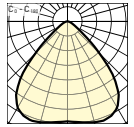
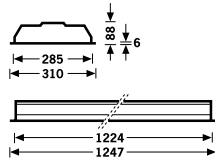


System dimension 312.5 x 1250 mm



Reference	TOC	...E		EEC	=kg
• Enterio M57 PA 228...	48 674...	...04	2 x 28	A+/A/B	4.8
• IK02/0.2 J 650 °C					

## Recessed luminaires with RMV specular louvre, matt

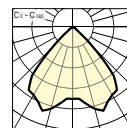
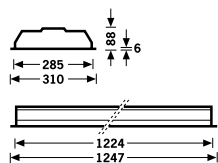


System dimension 312.5 x 1250 mm



Reference	TOC	...E		EEC	=kg
• Enterio M57 RMV 228...	47 933...	...04	2 x 28	A+/A/B	4.3
• IK02/0.2 J 960 °C					

## Recessed luminaires with highly specular parabolic louvre RPV

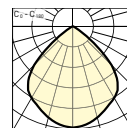
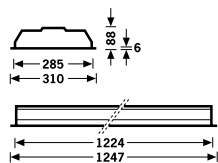
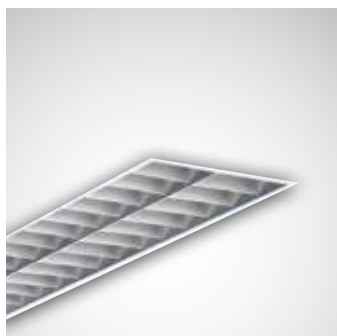


System dimension 312.5 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M57 RPV 228...	47 190...	...04	2 x 28	A+/A/B	4.3
• IK02/0.2 J 960 °C					

## Recessed luminaires with specular louvre RSV



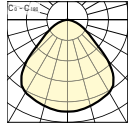
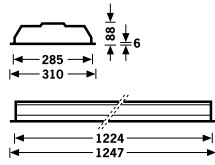
System dimension 312.5 x 1250 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M57 RSV 228...	47 937...	...04	2 x 28	A+/A/B	4.2
• IK02/0.2 J 960 °C					



## Recessed luminaires with white louvre RWV



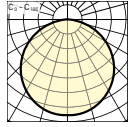
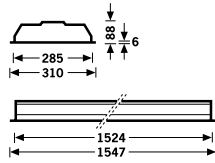
System dimension 312.5 x 1250 mm



Reference	TOC	...E		EEC	=kg
• Enterio M57 RWV 228...	47 938...	...04	2 x 28	A+/A/B	4.7

• IK02/0.2 J 960 °C

## Recessed luminaires with opal cover



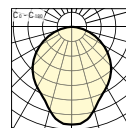
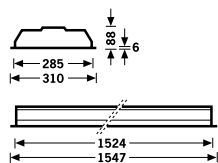
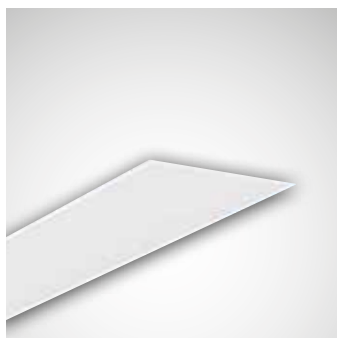
System dimension 312.5 x 1550 mm



Reference	TOC	...E		EEC	=kg
• Enterio M59 OA 235...	49 425...	...04	2 x 35	A+/A/B	5.4

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover

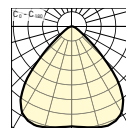
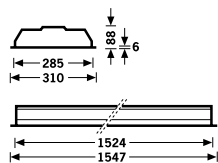


System dimension 312.5 x 1550 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M59 PA 235...	49 426...	...04	2 x 35	A+/A/B	5.4
					• IK02/0.2 J 650 °C

## Recessed luminaires with specular louvre RMV, matt

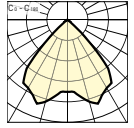
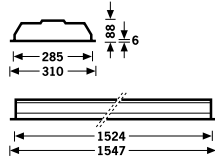


System dimension 312.5 x 1550 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M59 RMV 235...	47 939...	...04	2 x 35	A+/A/B	5.8
					• IK02/0.2 J 960 °C

## Recessed luminaires with highly specular parabolic louvre RPV

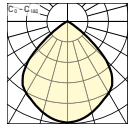
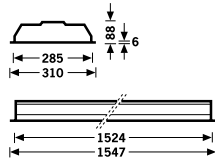


System dimension 312.5 x 1550 mm



Reference	TOC	...E		EEC	=kg
• Enterio M59 RPV 235...	45 158...	...04	2 x 35	A+/A/B	5.8
• IK02/0.2 J 960 °C					

## Recessed luminaires with specular louvre RSV

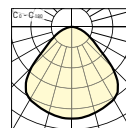
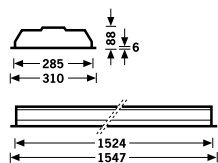


System dimension 312.5 x 1550 mm



Reference	TOC	...E		EEC	=kg
• Enterio M59 RSV 235...	47 941...	...04	2 x 35	A+/A/B	5.6
• IK02/0.2 J 960 °C					

## Recessed luminaires with white louvre RWV



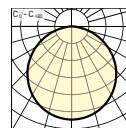
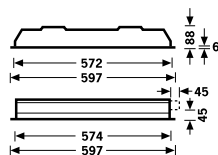
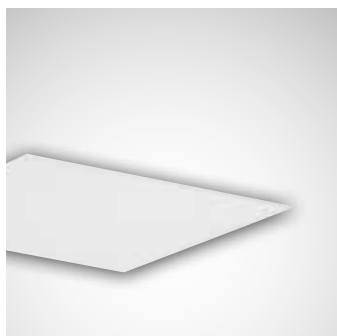
System dimension 312.5 x 1550 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M59 RWV 235...	47 942...	...04	2 x 35	A+/A/B	6.1

• IK02/0.2 J 960 °C

## Recessed luminaires with opal cover



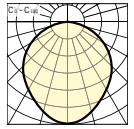
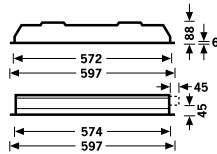
System dimension 600 x 600 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M73 OA 314...	51 415...	...04	3 x 14	A+/A/B	3.9
Enterio M73 OA 414...	51 416...	...04	4 x 14	A+/A/B	4.2
Enterio M73 OA-PC 314...	51 421...	...04	3 x 14	A+/A/B	3.9
Enterio M73 OA-PC 414...	51 423...	...04	4 x 14	A+/A/B	4.2

• IK02/0.2 J 650 °C

## Recessed luminaires with prismatic cover



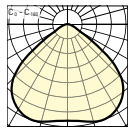
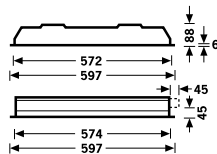
System dimension 600 x 600 mm



Reference	TOC	...E		EEC	=kg
• Enterio M73 PA 314...	51 429...	...04	3 x 14	A+/A/B	3.9
Enterio M73 PA 414...	51 430...	...04	4 x 14	A+/A/B	4.2
Enterio M73 PA-PC 314...	51 435...	...04	3 x 14	A+/A/B	3.9
Enterio M73 PA-PC 414...	51 437...	...04	4 x 14	A+/A/B	4.2

• IK02/0.2 J 650 °C

## Recessed luminaires with specular louvre RMV, matt



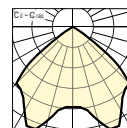
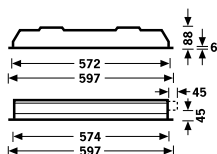
System dimension 600 x 600 mm



Reference	TOC	...E		EEC	=kg
• Enterio M73 RMV 314...	44 042...	...04	3 x 14	A+/A/B	3.9
Enterio M73 RMV 414...	44 044...	...04	4 x 14	A+/A/B	4.2

• IK02/0.2 J 960 °C

## Recessed luminaires with highly specular parabolic louvre RPV



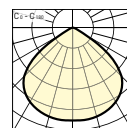
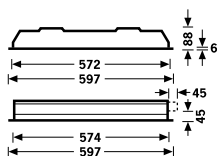
System dimension 600 x 600 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M73 RPV 314...	44 046...	...04	3 x 14	A+/A/B	3.9
Enterio M73 RPV 414...	44 050...	...04	4 x 14	A+/A/B	4.2

• IK02/0.2 J 960 °C

## Recessed luminaires with specular louvre RSV



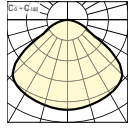
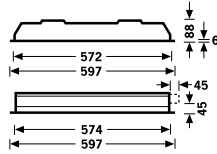
System dimension 600 x 600 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M73 RSV 314...	44 055...	...04	3 x 14	A+/A/B	3.6
Enterio M73 RSV 414...	44 058...	...04	4 x 14	A+/A/B	3.8

• IK02/0.2 J 960 °C

## Recessed luminaires with white louvre RWV



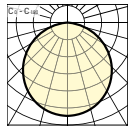
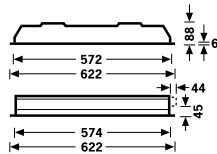
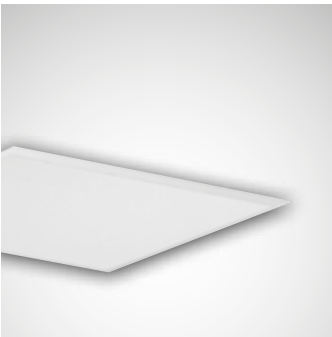
System dimension 600 x 600 mm



Reference	TOC	...E		EEC	=kg
• Enterio M73 RWV 314...	44 064...	...04	3 x 14	A+/A/B	4.3
Enterio M73 RWV 414...	44 067...	...04	4 x 14	A+/A/B	4.7

• IK02/0.2 J 960 °C

## Recessed luminaires with opal cover



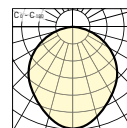
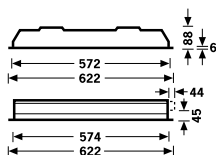
System dimension 625 x 625 mm



Reference	TOC	...E		EEC	=kg
• Enterio M84 OA 314...	45 183...	...04	3 x 14	A+/A/B	4.2
Enterio M84 OA 414...	45 186...	...04	4 x 14	A+/A/B	4.5

• IK02/0.2 J 650 °C

## Recessed luminaires with prismatic cover



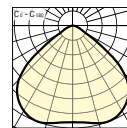
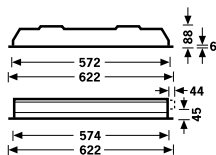
System dimension 625 x 625 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M84 PA 314...	45 187...	...04	3 x 14	A+/A/B	4.2
Enterio M84 PA 414...	45 189...	...04	4 x 14	A+/A/B	4.5

• IK02/0.2 J 650 °C

## Recessed luminaires with specular louvre RMV, matt



System dimension 625 x 625 mm

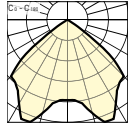
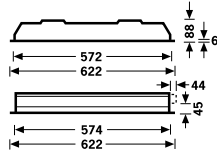


Reference	TOC	...E		EEC	≈kg
• Enterio M84 RMV 314...	47 943...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RMV 314...TWI 840	48 710...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RMV 314...TWW 840	48 711...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RMV 414...	47 945...	...04	4 x 14	A+/A/B	4.4
Enterio M84 RMV 414...TWI 830	48 712...	...04	4 x 14	A+/A/B	4.4
Enterio M84 RMV 414...TWI 840	48 713...	...04	4 x 14	A+/A/B	4.4
Enterio M84 RMV 414...TWW 830	48 714...	...04	4 x 14	A+/A/B	4.4
Enterio M84 RMV 414...TWW 840	48 715...	...04	4 x 14	A+/A/B	4.4

• IK02/0.2 J 960 °C



## Recessed luminaires with highly specular parabolic louvre RPV



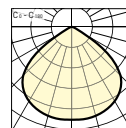
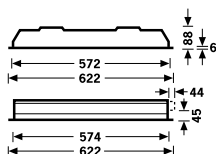
System dimension 625 x 625 mm



Reference	TOC	...E		EEC	=kg
• Enterio M84 RPV 314...	44 110...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RPV 314...TWI 840	45 216...	...04	3 x 14	A+/A/B	4.6
Enterio M84 RPV 314...TWW 840	45 217...	...04	3 x 14	A+/A/B	4.6
Enterio M84 RPV 414...	44 113...	...04	4 x 14	A+/A/B	4.3
Enterio M84 RPV 414...TWI 840	45 223...	...04	4 x 14	A+/A/B	4.9
Enterio M84 RPV 414...TWW 840	45 225...	...04	4 x 14	A+/A/B	4.9

• IK02/0.2 J 960 °C

## Recessed luminaires with specular louvre RSV



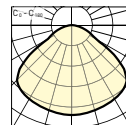
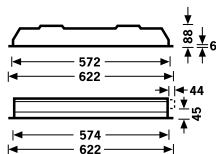
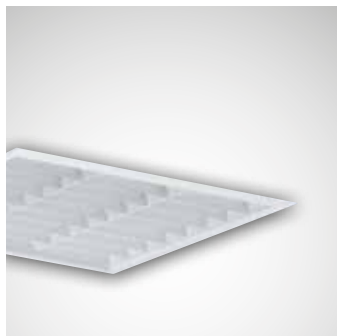
System dimension 625 x 625 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M84 RSV 314...	44 116...	...04	3 x 14	A+/A/B	3.6
Enterio M84 RSV 314...TWI 830	48 716...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RSV 314...TWI 840	48 717...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RSV 314...TWW 830	48 718...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RSV 314...TWW 840	48 719...	...04	3 x 14	A+/A/B	4.0
Enterio M84 RSV 414...	44 118...	...04	4 x 14	A+/A/B	4.0
Enterio M84 RSV 414...TWI 830	48 721...	...04	4 x 14	A+/A/B	4.0
Enterio M84 RSV 414...TWW 830	48 722...	...04	4 x 14	A+/A/B	4.0

• IK02/0.2 J 960 °C

## Recessed luminaires with white louvre RWV



System dimension 625 x 625 mm



Reference	TOC	...E		EEC	≈kg
• Enterio M84 RWV 314...	44 120...	...04	3 x 14	A+/A/B	4.4
Enterio M84 RWV 414...	44 122...	...04	4 x 14	A+/A/B	4.7

• IK02/0.2 J 960 °C

**Mounting accessories**

Reference	TOC	Accessory description	=kg
ZSF	52 503 00	For fixing Enterio luminaires ...OA..., ...PA... with lay-in mounting	0.1

**Fixing brackets**



Reference	TOC	Accessory description	=kg
Enterio ZBB/1 <sup>1)</sup>	47 167 00	Fixing brackets (not for twist versions), for Enterio to module width 185 mm	0.1
Enterio ZBB/2	47 168 00	Fixing brackets (not for twist versions), for Enterio from module width 300 mm	0.2

<sup>1)</sup>For Enterio OA/PA, where required, fixing brackets ZBB/1 should always be used.

**Wieland connectors**



Reference	TOC	Accessory description	=kg
ZWI GST 18i3 FB2	49 117 00	WIELAND connector, socket, 3-pole, for adaptation of an external mains cable	0.1
ZWI GST 18i3 K1BS 315/2000	49 114 00	WIELAND connector, connector cable (plug/socket), 3-pole, length 2000 mm	0.2
ZWI GST 18i3 K1BS 315/4000	49 116 00	WIELAND connector, connection cable (plug/socket), 3-pole, length 4000 mm	0.4
ZWI GST 18i3 V5P1	49 119 00	WIELAND connector, multiple distributor (1 input, 5 outputs)	0.1

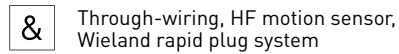
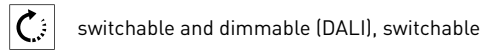
## NEXTREMA LED

WEATHER-PROOF  
LED LUMINAIRES,  
HIGHLY EFFICIENT



## THE TOUGH WEATHER-PROOF LUMINAIRE FOR EXTREME SITUATIONS

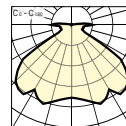
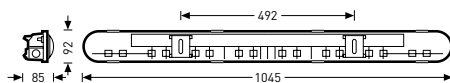
- Especially suitable for use in extreme operating environments such as cold stores or car parks. Also for use in the food industry with polycarbonate diffuser.
- With a length of just 1 metre, the Nextrema LED achieves the same lumen output as standard 1.5 metre weather-proof luminaires.
- Optional presence sensors enable configurations according to requirements and reliable light management, with "running" light for example in car parks.



Higher output: up to 113 lm/W    Intelligent control



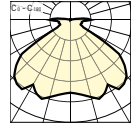
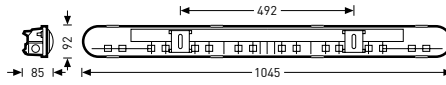
## Surface-mounted weather-proof luminaires, PMMA



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Nextrema 4000-840...+HFS TWW	60 968...	-	...40	4500 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFS+LV TWW	60 969...	-	...40	4500 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+LV TWW	60 967...	...51	...40	4500 lm	A++/A+/A	40	1.9
Nextrema 4000-840...TWW	60 966...	...51	...40	4500 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFSB +LV TWW	64 867...	...51	-	4500 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFSB TWW	64 866...	...51	-	4500 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFSX +LV TWW	64 868...	...51	-	4500 lm	A++/A+/A	40	1.9
Nextrema 6000-840...+HFS TWW	62 167...	-	...40	6200 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFS+LV TWW	62 168...	-	...40	6200 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+LV TWW	62 166...	...51	...40	6200 lm	A++/A+/A	55	1.9
Nextrema 6000-840...TWW	62 165...	...51	...40	6200 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFSB +LV TWW	64 870...	...51	-	6200 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFSB TWW	64 869...	...51	-	6200 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFSX +LV TWW	64 871...	...51	-	6200 lm	A++/A+/A	55	1.9

• IK04/0.5 J 650 °C

## Surface-mounted weather-proof luminaires, polycarbonate (PC)



Reference	TOC	...ETDD	...ET		EEC	W	=kg
• Nextrema 4000-840...+HFS TWW PC	62 337...	-	...40	4300 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFS+LV TWW PC	62 338...	-	...40	4300 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+LV TWW PC	62 336...	...51	...40	4300 lm	A++/A+/A	40	1.9
Nextrema 4000-840...TWW PC	62 335...	...51	...40	4300 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFSB +LV TWW PC	64 873...	...51	-	4300 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFSB TWW PC	64 872...	...51	-	4300 lm	A++/A+/A	40	1.9
Nextrema 4000-840...+HFSX +LV TWW PC	64 874...	...51	-	4300 lm	A++/A+/A	40	1.9
Nextrema 6000-840...+HFS TWW PC	62 341...	-	...40	5900 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFS+LV TWW PC	62 342...	-	...40	5900 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+LV TWW PC	62 340...	...51	...40	5900 lm	A++/A+/A	55	1.9
Nextrema 6000-840...TWW PC	62 339...	...51	...40	5900 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFSB +LV TWW PC	64 876...	...51	-	5900 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFSB TWW PC	64 875...	...51	-	5900 lm	A++/A+/A	55	1.9
Nextrema 6000-840...+HFSX +LV TWW PC	64 877...	...51	-	5900 lm	A++/A+/A	55	1.9

• IK08/6 J 850 °C

### Mounting accessories



Reference	TOC	Accessory description	=kg
Nextrema ZB ATL	62 354 00	Theft protection	0.1
Nextrema ZB MC	63 102 00	Bracket for suspended mounting	0.1

## Sensor remote controls



Reference	TOC	Accessory description	≈kg
LMS HFS RMC	61 229 00	Remote control for Nextrema ON/OFF sensor luminaires	0.1
LMS HFSB/X RMC	64 878 00	Remote control for Nextrema DALI sensor luminaires	0.1

## Emergency lights



Reference	TOC	Accessory description	≈kg
Nextrema LED 400 nw EB1h	61 969 00	Emergency light with individual battery system, nominal operating time: 1 hour	1.3
Nextrema LED 400 nw EB3h	61 970 00	Emergency light with individual battery system, nominal operating time: 3 hours	1.3





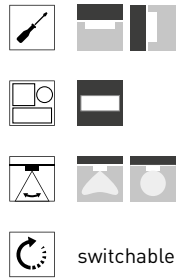
## SERIES 713...

WEATHER-PROOF  
LUMINAIRES,  
ANGULAR DESIGN



## CLASSIC ANGULAR LUMINAIRE FOR RELIABLE USE

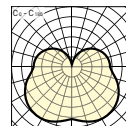
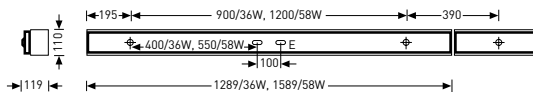
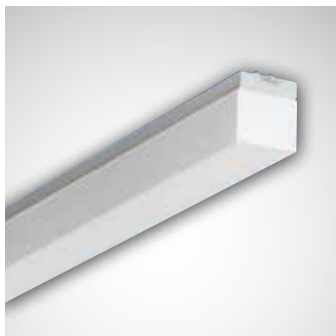
- Diffuser material with very high corner strength.
- Precise luminaire alignment with continuous line mounting.
- Various optical systems and construction designs.



Individual mounting method  
with steel strip suspension



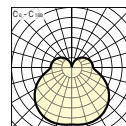
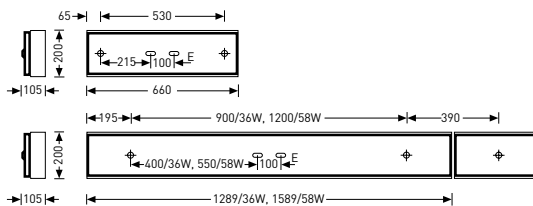
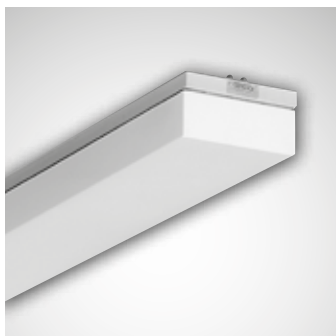
Weather-proof surface-mounted luminaires with opal PMMA diffuser



Reference	TOC	...E		EEC	≈kg
• 7131/36...	12 466...	...04	1 x 36	A+/A/B/C	3.7
7131/58...	12 468...	...04	1 x 58	A+/A/B/C	5.0

• IK02/0.2 J 650 °C

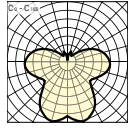
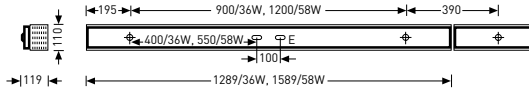
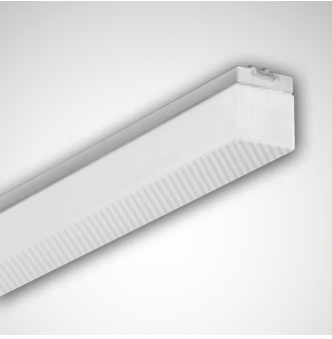
Weather-proof surface-mounted luminaires with opal PMMA diffuser



Reference	TOC	...E		EEC	≈kg
• 7132/18...	12 475...	...04	2 x 18	A/B/C	3.3
7132/36...	12 476...	...04	2 x 36	A+/A/B/C	6.6
7132/58...	12 478...	...04	2 x 58	A+/A/B/C	8.7

• IK02/0.2 J 650 °C

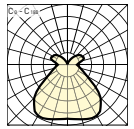
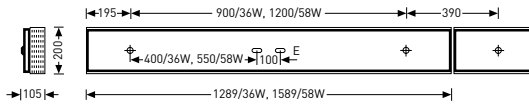
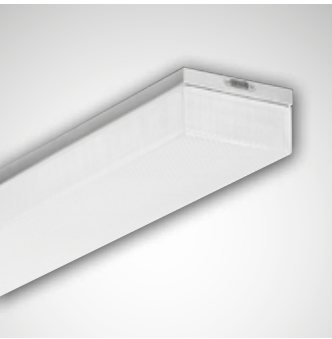
Weather-proof surface-mounted luminaires with prismatic PMMA diffuser



Reference	TOC	...E		EEC	=kg
• 7131 P/36...	12 472...	...04	1 x 36	A+/A/B/C	3.9
7131 P/58...	12 473...	...04	1 x 58	A+/A/B/C	5.2

• IK02/0.2 J 650 °C

Weather-proof surface-mounted luminaires with prismatic PMMA diffuser



Reference	TOC	...E		EEC	=kg
• 7132 P/36...	12 481...	...04	2 x 36	A+/A/B/C	7.0
7132 P/58...	12 484...	...04	2 x 58	A+/A/B/C	9.4
7132 PS/1x58...	12 489...	...04	1 x 58	A+/A/B/C	8.3

• IK02/0.2 J 650 °C

### Through-wirings



Reference	TOC	Accessory description	≈kg
07690/5LV/25m	21 890 00	Through-wiring 5 x 1.5 mm <sup>2</sup> , length 25 m	2.5
7130/3LV/36	12 462 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for luminaires .../36, 1450 mm	0.1
7130/3LV/58	12 463 00	Through-wiring, 3 x 1.5 mm <sup>2</sup> , for luminaires .../58, 1790 mm	0.1
7130/5LV/36	12 464 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for luminaires .../36, 1450 mm	0.1
7130/5LV/58	12 465 00	Through-wiring, 5 x 1.5 mm <sup>2</sup> , for luminaires .../58, 1790 mm	0.1

### Steel strip suspensions

Reference	TOC	Accessory description	≈kg
75N	12 676 00	Steel strip suspension V2A, 1 m long	0.5





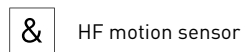
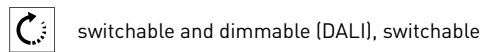
ARAGON (LED)

WEATHER-PROOF  
LUMINAIRES  
OF POLYCARBONATE



## CLASSIC DESIGN WITH INTELLIGENT LED TECHNOLOGY

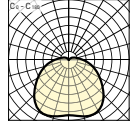
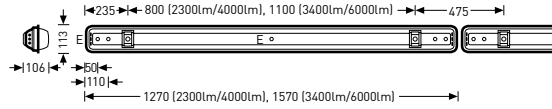
- Especially suitable for refurbishments thanks to fixing and dimensions identical to conventional versions.
- Service life of 50,000 hours and efficiency of 100lm/W reduces operating overheads by more than 50 %.
- Sensor versions save additional energy costs because they provide light only to the intensity and time needed.



### Quick, low-cost installation



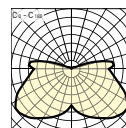
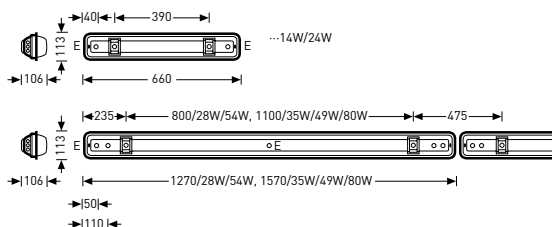
## Weather-proof surface-mounted luminaires (LED), polycarbonate



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
• Aragon 1200 LED 2300-840...	63 328...	...51	...40	2300 lm	A++/A+/A	23	3.3
Aragon 1200 LED 4000-840...	63 329...	...51	...40	4000 lm	A++/A+/A	40	3.3
Aragon 1500 LED 3400-840...	63 326...	...51	...40	3500 lm	A++/A+/A	35	3.7
Aragon 1500 LED 3400-840...+HFS	63 330...	...51	...40	3500 lm	A++/A+/A	35	3.8
Aragon 1500 LED 6000-840...	63 327...	...51	...40	5600 lm	A++/A+/A	56	3.7
Aragon 1500 LED 6000-840...+HFS	63 331...	...51	...40	5600 lm	A++/A+/A	56	3.8

• IK08/6 J 850 °C

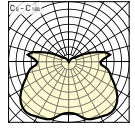
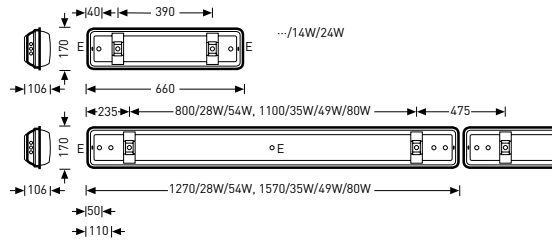
## Weather-proof surface-mounted luminaires (T5), polycarbonate



Reference	TOC	...E		EEC	=kg
• Aragon 114/24...	15 507...	...04	1 x 14/24	A+/A/B	1.7
Aragon 128/54...	15 512...	...04	1 x 28/54	A+/A/B/C	2.6
Aragon 135/49/80...	15 516...	...04	1 x 35/49/80	A+/A/B/C	2.9
Aragon 114/24 T...	42 950...	...04	1 x 14/24	A+/A/B	1.6
Aragon 128/54 T...	42 951...	...04	1 x 28/54	A+/A/B/C	2.4
Aragon 135/49/80 T...	42 952...	...04	1 x 35/49/80	A+/A/B/C	2.7

• IK08/6 J 850 °C

## Weather-proof surface-mounted luminaires (T5), polycarbonate



Reference	TOC	...E		EEC	≈kg
• Aragon 214/24...	51 515...	...04	2 x 14/24	A+/A/B	2.3
Aragon 228...	15 529...	...04	2 x 28	A+/A/B	3.6
Aragon 235...	15 530...	...04	2 x 35	A+/A/B	4.0
Aragon 249...	16 493...	...04	2 x 49	A+/A/B	4.0
Aragon 254...	15 533...	...04	2 x 54	A+/A/B/C	3.6
Aragon 280...	59 982...	...04	2 x 80	A+/A/B/C	4.0
Aragon 128/54 S...	15 513...	...04	1 x 28/54	A+/A/B/C	3.2
Aragon 135/49/80 S...	15 517...	...04	1 x 35/49/80	A+/A/B/C	3.5
Aragon 280 S...	59 984...	...04	2 x 80	A+/A/B/C	4.3
Aragon 214/24 T...	51 517...	...04	2 x 14/24	A+/A/B	2.5
Aragon 228 T...	38 748...	...04	2 x 28	A+/A/B	3.4
Aragon 235 T...	38 749...	...04	2 x 35	A+/A/B	3.8
Aragon 249 T...	38 750...	...04	2 x 49	A+/A/B	3.8
Aragon 254 T...	38 751...	...04	2 x 54	A+/A/B/C	3.4
Aragon 280 T...	59 983...	...04	2 x 80	A+/A/B/C	3.8

• IK08/6 J 850 °C

## Inner wiring & through-wiring



Reference	TOC	Accessory description	≈kg
Aragon LV 5x1200	38 716 00	Inner wiring, 5 x 1.5 mm <sup>2</sup> for 28 W and 54 W luminaires.	0.2
Aragon LV 5x1500	16 495 00	Inner wiring, 5 x 1.5 mm <sup>2</sup> for 35 W, 49 W, 58 W, 80 W luminaires.	0.2
Aragon ZLV 5x1200 LED	64 356 00	5 x 1.5 mm <sup>2</sup> through-wiring. For Aragon LED 1200.	0.2
Aragon ZLV 5x1500 LED	64 357 00	5 x 1.5 mm <sup>2</sup> through-wiring. For Aragon LED 1500.	0.2

**Steel strip suspensions**

Reference	TOC	Accessory description	≈kg
<b>Aragon SB</b>	15 537 00	Steel strip suspension, length 1 m, of stainless steel (1 pair)	0.1

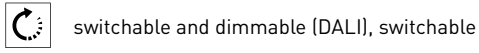
## FIDESCA-PM (LED)

WEATHER-PROOF  
LUMINAIRES  
OF POLYCARBONATE



### MAXIMUM EFFICIENCY FOR CLEANROOMS

- Ideal for use in critical production and laboratory environments.  
Cleanroom suitability certified by the Fraunhofer Institute.
- Covers of laminated safety glass, especially resistant to knocks and splintering.  
Simple cleaning, resistant to cleaning agents and disinfectants.
- High light output, intelligent light distribution and very good colour rendering (RA > 90).

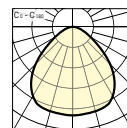
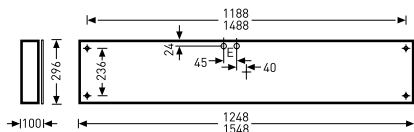


6,800-12,400 lumens

Laminated safety glass cover, IP65



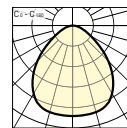
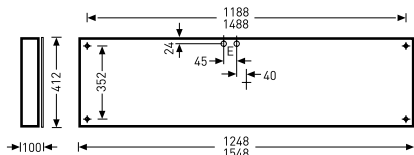
## Surface-mounted cleanroom luminaires with laser-compliant, finely structured VSG cover



Reference	TOC	...ETDD		EEC	W	≈kg
• Fidesca-PM 296/1248 LED 6800-940...	62 981...	...51	6800 lm	A++/A+/A	100	14.6
Fidesca-PM 296/1548 LED 8500-940...	62 982...	...51	8500 lm	A++/A+/A	128	18.4

• IK08/6 J 960 °C

## Surface-mounted cleanroom luminaires with laser-compliant, finely structured VSG cover

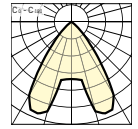
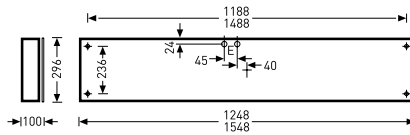


Reference	TOC	...ETDD		EEC	W	≈kg
• Fidesca-PM 412/1248 LED 10300-940...	62 983...	...51	10300 lm	A++/A+/A	150	19.6
Fidesca-PM 412/1548 LED 12400-940...	62 984...	...51	12400 lm	A++/A+/A	177	23.7

• IK08/6 J 960 °C



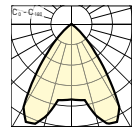
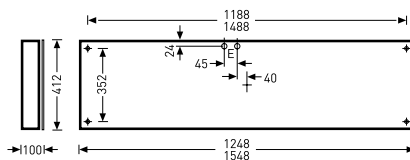
## Surface-mounted cleanroom luminaires with highly specular DARKLIGHT parabolic louvre RPX



Reference	TOC	...EDD	...E		EEC	=kg
• Fidesca-PM RPX 228/54...	56 293...	-	...04	2 x 28/54	A+/A/B/C	15.3
Fidesca-PM RPX 235/49...	56 294...	...07	...04	2 x 35/49	A+/A/B	13.4
Fidesca-PM RPX 254...	56 295...	...07	-	2 x 54	A+/A/B/C	13.4
Fidesca-PM RPX 280...	56 296...	...07	...04	2 x 80	A+/A/B/C	16.8

• IK08/6 J 960 °C

## Surface-mounted cleanroom luminaires with highly specular DARKLIGHT parabolic louvre RPX

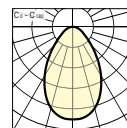
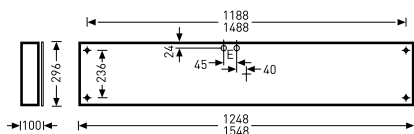
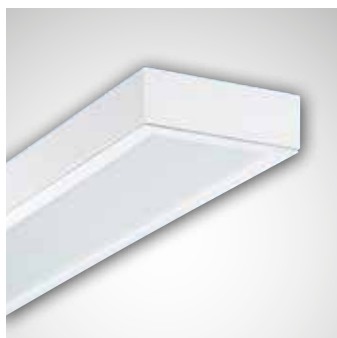


Reference	TOC	...EDD	...E		EEC	=kg
• Fidesca-PM RPX 328/54...	56 297...	-	...04	3 x 28/54	A+/A/B/C	17.9
Fidesca-PM RPX 335/49...	56 298...	...07	...04	3 x 35/49	A+/A/B	20.7
Fidesca-PM RPX 354...	56 299...	...07	-	3 x 54	A+/A/B/C	17.7
Fidesca-PM RPX 380...	56 300...	...07	...04	3 x 80	A+/A/B/C	21.4

• IK08/6 J 960 °C

# FIDESCA-PM (LED)

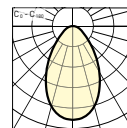
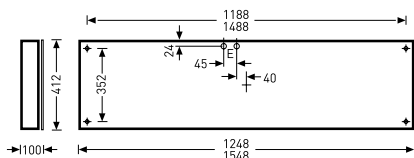
Surface-mounted cleanroom luminaires with adjustable specular RV optic and laser-compliant, finely structured VSG panel



Reference	TOC	...EDD	...E		EEC	≈kg
• Fidesca-PM RV 228/54...	52 598...	-	...04	2 x 28/54	A+/A/B/C	14.3
Fidesca-PM RV 235/49...	52 599...	...07	...04	2 x 35/49	A+/A/B	13.4
Fidesca-PM RV 254...	52 600...	...07	-	2 x 54	A+/A/B/C	13.4
Fidesca-PM RV 280...	52 601...	...07	...04	2 x 80	A+/A/B/C	16.8

• IK08/6 J 960 °C

Surface-mounted cleanroom luminaires with adjustable specular RV optic and laser-compliant, finely structured VSG panel



Reference	TOC	...EDD	...E		EEC	≈kg
• Fidesca-PM RV 328/54...	52 602...	-	...04	3 x 28/54	A+/A/B/C	17.9
Fidesca-PM RV 335/49...	52 603...	...07	...04	3 x 35/49	A+/A/B	20.7
Fidesca-PM RV 354...	52 606...	...07	-	3 x 54	A+/A/B/C	17.7
Fidesca-PM RV 380...	52 607...	...07	...04	3 x 80	A+/A/B/C	25.0

• IK08/6 J 960 °C

## Green light inserts



Reference	TOC	Accessory description	=kg
Fidesca-PM ZGL TC9 L	43 621 00	Green light insert for TC-S 9/66, for Fidesca-PM RV	0.6

## Emergency light inserts



Reference	TOC	Accessory description	=kg
Fidesca-PM ZNL RV TC7 E	52 597 00	Emergency light insert, for TC-SEL 7, for Fidesca-PM RV	0.4

## Suction pads



Reference	TOC	Accessory description	=kg
Fidesca-PM ZSG	43 797 00	Suction pad for removing glass cover, for Fidesca-PM	0.8

## Recessing frames



Reference	TOC	Accessory description	≈kg
Fidesca-PM ZER 249	48 403 00	Single mounting frame for Fidesca-PM...235/49/80...	4.7
Fidesca-PM ZER 249 A	48 404 00	Start mounting frame for Fidesca-PM...235/49/80...	5.7
Fidesca-PM ZER 249 E	48 405 00	End mounting frame for Fidesca-PM...235/49/80...	4.9
Fidesca-PM ZER 249 MI	48 406 00	Centre mounting frame for Fidesca-PM...235/49/80...	4.7
Fidesca-PM ZER 254	48 401 00	Single mounting frame for Fidesca-PM...228/54...	4.7
Fidesca-PM ZER 254 A	49 362 00	Start mounting frame for Fidesca-PM...228/54...	5.7
Fidesca-PM ZER 254 E	49 363 00	End mounting frame for Fidesca-PM...228/54...	4.4
Fidesca-PM ZER 254 MI	48 402 00	Centre mounting frame for Fidesca-PM...228/54...	4.2
Fidesca-PM ZER 254 WL	48 407 00	Angle mounting frame, left, for Fidesca-PM...228/54...	8.8
Fidesca-PM ZER 254 WR	48 408 00	Angle mounting frame, right, for Fidesca-PM...228/54...	8.5
Fidesca-PM ZER 349	48 414 00	Single mounting frame for Fidesca-PM...335/49/80...	6.2
Fidesca-PM ZER 349 A	48 415 00	Start mounting frame for Fidesca-PM...335/49/80...	6.9
Fidesca-PM ZER 349 E	48 416 00	End mounting frame for Fidesca-PM...335/49/80...	5.3
Fidesca-PM ZER 349 MI	48 417 00	Centre mounting frame for Fidesca-PM...335/49/80...	5.1
Fidesca-PM ZER 354	48 410 00	Single mounting frame for Fidesca-PM...328/54...	4.8
Fidesca-PM ZER 354 A	48 411 00	Start mounting frame for Fidesca-PM...328/54...	6.3
Fidesca-PM ZER 354 E	48 412 00	End mounting frame for Fidesca-PM...328/54...	4.7
Fidesca-PM ZER 354 MI	48 413 00	Centre mounting frame for Fidesca-PM...328/54...	2.9
Fidesca-PM ZER 354 WL	48 418 00	Angle mounting frame, left, for Fidesca-PM...328/54...	10.8
Fidesca-PM ZER 354 WLA	48 430 00	Angle mounting frame, left, start, for Fidesca-PM...328/54...	11.1
Fidesca-PM ZER 354 WLE	48 431 00	Angle mounting frame, left, end, for Fidesca-PM...328/54...	9.4
Fidesca-PM ZER 354 WR	48 419 00	Angle mounting frame, right, for Fidesca-PM...328/54...	9.2
Fidesca-PM ZER 354 WRA	48 432 00	Angle mounting frame, right, start, for Fidesca-PM...328/54...	8.3
Fidesca-PM ZER 354 WRE	48 433 00	Angle mounting frame, right, end, for Fidesca-PM...328/54...	7.2

## Adapter pieces



Reference	TOC	Accessory description	=kg
<b>Fidesca-PM ZER 2 P</b>	48 409 00	Adapter piece for Fidesca-PM...235/49/80..., in combination with angle mounting frame	2.2
<b>Fidesca-PM ZER 2 P-LI</b>	48 421 00	Left adapter piece for Fidesca-PM...235/49/80..., in combination with angle mounting frame	2.4
<b>Fidesca-PM ZER 2 P-RE</b>	48 422 00	Right adapter piece for Fidesca-PM...235/49/80..., in combination with angle mounting frame	3.8
<b>Fidesca-PM ZER 3 P</b>	48 420 00	Adapter piece for Fidesca-PM...335/49/80..., in combination with angle mounting frame	2.5
<b>Fidesca-PM ZER 3 P-LI</b>	48 427 00	Left adapter piece for Fidesca-PM...335/49/80..., in combination with angle mounting frame	2.6
<b>Fidesca-PM ZER 3 P-RE</b>	48 428 00	Right adapter piece for Fidesca-PM...335/49/80..., in combination with angle mounting frame	4.3

## Cable glands



Reference	TOC	Accessory description	=kg
<b>Fidesca-PM ZM25</b>	47 007 00	M25 cable glands (2 pieces)	0.1

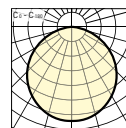
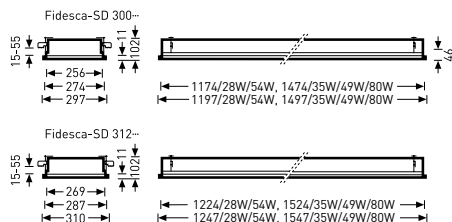
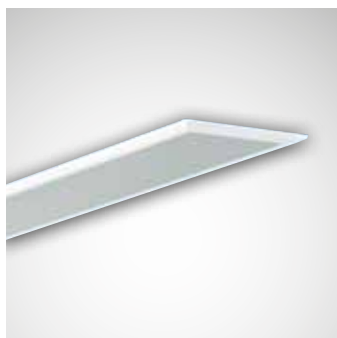
## FIDESCA-SD

RECESSED CLEANROOM  
LUMINAIRES WITH LAMINATED  
SAFETY GLASS COVER





## Recessed cleanroom luminaires with laser-compliant, finely structured VSG panel

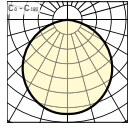
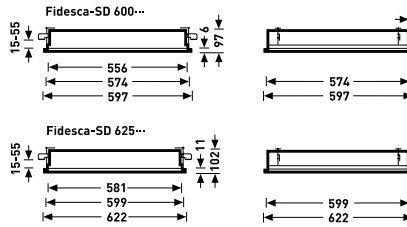
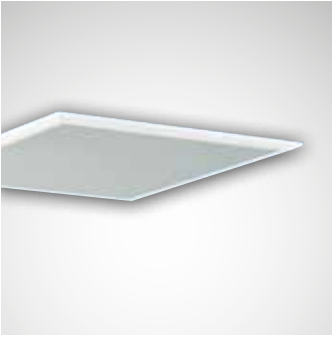


Reference	TOC	...EDD	...ED	...E		EEC	≈kg
Module size M46							
• Fidesca-SD 300 M 228/54...	56 433...	...07	...05	...04	2 x 28/54	A+/A/B/C	10.0
Fidesca-SD 300 M 235/49...	56 434...	...07	...05	...04	2 x 35/49	A+/A/B	12.5
Fidesca-SD 300 M 280...	56 435...	...07	...05	...04	2 x 80	A+/A/B/C	12.5
Module size M57							
Fidesca-SD 312 M 228/54...	56 442...	...07	...05	...04	2 x 28/54	A+/A/B/C	10.6
Fidesca-SD 312 M 235/49...	56 443...	...07	...05	...04	2 x 35/49	A+/A/B	13.1
Fidesca-SD 312 M 280...	56 444...	...07	...05	...04	2 x 80	A+/A/B/C	13.1

• IK08/6 J 960 °C



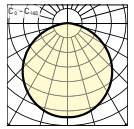
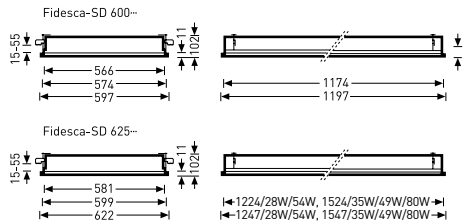
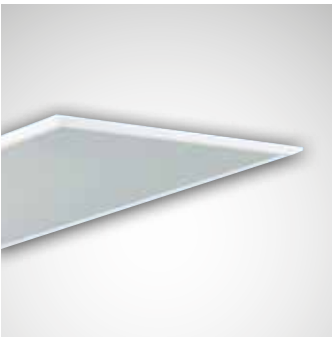
## Recessed cleanroom luminaires with laser-compliant, finely structured VSG panel



Reference	TOC	...EDD	...ED	...E		EEC	=kg
Module size M73							
• Fidesca-SD 600 M 414/24...	56 859...	...07	...05	...04	4 x 14/24	A+/A/B	10.0
Module size M84							
Fidesca-SD 625 M 414/24...	56 861...	...07	...05	...04	4 x 14/24	A+/A/B	10.0

• IK08/6 J 960 °C

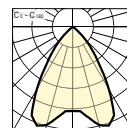
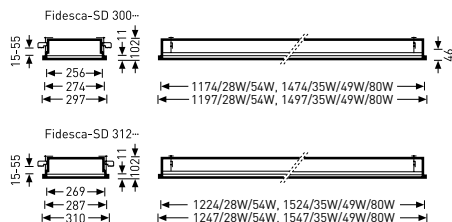
## Recessed cleanroom luminaires with laser-compliant, finely structured VSG panel



Reference	TOC	...EDD	...ED	...E		EEC	=kg
Module size M73							
• Fidesca-SD 600 M 428/54...	56 451...	...07	...05	...04	4 x 28/54	A+/A/B/C	16.9
Module size M84							
Fidesca-SD 625 M 428/54...	56 455...	...07	...05	...04	4 x 28/54	A+/A/B/C	20.8
Fidesca-SD 625 M 435/49...	56 456...	...07	...05	...04	4 x 35/49	A+/A/B	25.3
Fidesca-SD 625 M 480...	56 457...	...07	...05	...04	4 x 80	A+/A/B/C	25.3

• IK08/6 J 960 °C

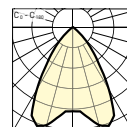
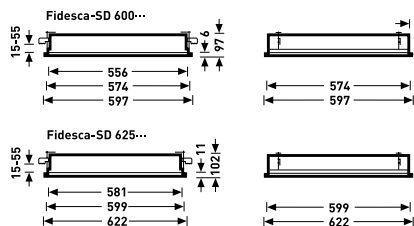
## Recessed cleanroom luminaires with highly specular DARKLIGHT parabolic louvre RPX



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
Module size M46							
• Fidesca-SD 300 RPX 228/54...	56 436...	...07	...05	...04	2 x 28/54	A+/A/B/C	10.4
Fidesca-SD 300 RPX 235/49...	56 437...	...07	...05	...04	2 x 35/49	A+/A/B	12.7
Fidesca-SD 300 RPX 280...	56 438...	...07	...05	...04	2 x 80	A+/A/B/C	12.7
Module size M57							
Fidesca-SD 312 RPX 228/54...	56 445...	...07	...05	...04	2 x 28/54	A+/A/B/C	11.0
Fidesca-SD 312 RPX 235/49...	56 446...	...07	...05	...04	2 x 35/49	A+/A/B	13.5
Fidesca-SD 312 RPX 280...	56 447...	...07	...05	...04	2 x 80	A+/A/B/C	13.5

• IK08/6 J 960 °C

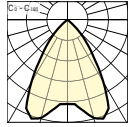
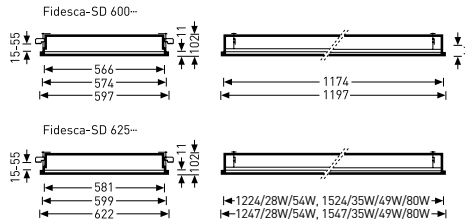
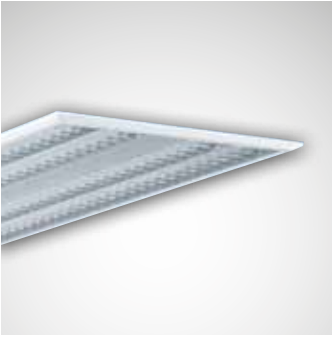
## Recessed cleanroom luminaires with highly specular DARKLIGHT parabolic louvre RPX



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
Module size M73							
• Fidesca-SD 600 RPX 414/24...	56 452...	...07	...05	...04	4 x 14/24	A+/A/B	13.0
Module size M84							
Fidesca-SD 625 RPX 3TCL36...	56 458...	...07	...05	...04	3 x TC-L 36	A	11.8
Fidesca-SD 625 RPX 414/24...	56 459...	...07	...05	...04	4 x 14/24	A+/A/B	10.5

• IK08/6 J 960 °C

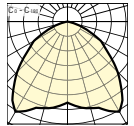
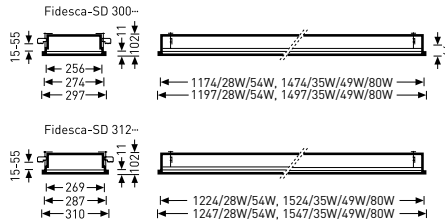
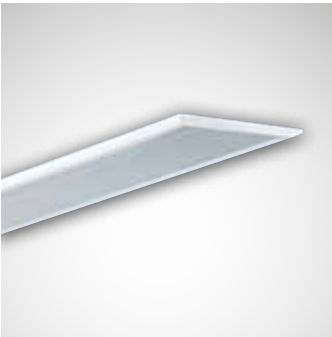
## Recessed cleanroom luminaires with highly specular DARKLIGHT parabolic louvre RPX



Reference	TOC	...EDD	...ED	...E		EEC	=kg
Module size M73							
• Fidesca-SD 600 RPX 428/54...	56 453...	...07	...05	...04	4 x 28/54	A+/A/B/C	17.5
Module size M84							
Fidesca-SD 625 RPX 428/54...	56 460...	...07	...05	...04	4 x 28/54	A+/A/B/C	18.5
Fidesca-SD 625 RPX 435/49...	56 461...	...07	...05	...04	4 x 35/49	A+/A/B	27.4
Fidesca-SD 625 RPX 480...	56 462...	...07	...05	...04	4 x 80	A+/A/B/C	27.4

• IK08/6 J 960 °C

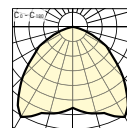
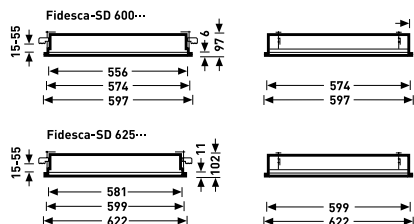
## Recessed cleanroom luminaires with SB specular reflector



Reference	TOC	...EDD	...ED	...E		EEC	=kg
Module size M46							
• Fidesca-SD 300 SB 228/54...	56 439...	...07	...05	...04	2 x 28/54	A+/A/B/C	10.0
Fidesca-SD 300 SB 235/49...	56 440...	...07	...05	...04	2 x 35/49	A+/A/B	12.5
Fidesca-SD 300 SB 280...	56 441...	...07	...05	...04	2 x 80	A+/A/B/C	12.5
Module size M57							
Fidesca-SD 312 SB 228/54...	56 818...	...07	...05	...04	2 x 28/54	A+/A/B/C	10.6
Fidesca-SD 312 SB 235/49...	56 449...	...07	...05	...04	2 x 35/49	A+/A/B	13.1
Fidesca-SD 312 SB 280...	56 450...	...07	...05	...04	2 x 80	A+/A/B/C	13.1

• IK08/6 J 960 °C

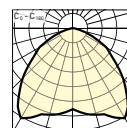
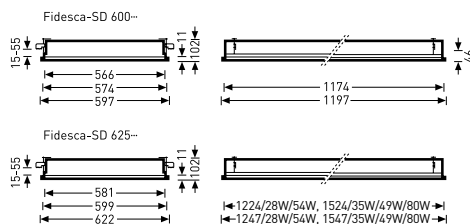
## Recessed cleanroom luminaires with SB specular reflector



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
Module size M73							
• Fidesca-SD 600 SB 414/24...	56 863...	...07	...05	...04	4 x 14/24	A+/A/B	10.5
Module size M84							
Fidesca-SD 625 SB 414/24...	56 865...	...07	...05	...04	4 x 14/24	A+/A/B	10.5

• IK08/6 J 960 °C

## Recessed cleanroom luminaires with SB specular reflector



Reference	TOC	...EDD	...ED	...E		EEC	≈kg
Module size M73							
• Fidesca-SD 600 SB 428/54...	56 454...	...07	...05	...04	4 x 28/54	A+/A/B/C	16.9
Module size M84							
Fidesca-SD 625 SB 428/54...	56 463...	...07	...05	...04	4 x 28/54	A+/A/B/C	20.8
Fidesca-SD 625 SB 435/49...	56 464...	...07	...05	...04	4 x 35/49	A+/A/B	25.3
Fidesca-SD 625 SB 480...	56 465...	...07	...05	...04	4 x 80	A+/A/B/C	25.3

• IK08/6 J 960 °C

## Plug-in sockets



Reference	TOC	Accessory description	=kg
Fidesca-SD ZNL TC7 E	57 881 00	Plug-in socket for safety lighting, for Fidesca-SD...	0.3

## Suction pads



Reference	TOC	Accessory description	=kg
ZSG 40	29 305 00	Removal aid for glass covers or diffusers	0.1

## Recessing frames

Reference	TOC	Accessory description	=kg
Fidesca-SD ZER 312/1200	21 812 00	Recessing frame for Fidesca-SD 312...228/54..., system dimension 312.5 x 1250 mm	3.0
Fidesca-SD ZER 312/1500	21 813 00	Recessing frame for Fidesca-SD 312...235/49/80..., system dimension 312.5 x 1550 mm	3.4
Fidesca-SD ZER 312/A	21 814 00	Angle adapter together with recessing frame Fidesca-SD ZER 312/...	0.4
Fidesca-SD ZER 312/S	21 815 00	End cap together with recessing frame Fidesca-SD ZER 312/...	0.2
Fidesca-SD ZER 625/1500	21 817 00	Recessing frame for Fidesca-SD 625...435/49/80..., system dimension 625 x 1550 mm	4.4
Fidesca-SD ZER 625/600	60 122 00	Recessing frame for recessed luminaire Fidesca-SD 625...414/24... and ...3TCL36..., system dimension 625 x 625 mm	4.0
Fidesca-SD ZER 625/A	21 818 00	Angle adapter in connection with Fidesca-SD...625...	0.7
Fidesca-SD ZER 625/S	21 819 00	End cap in connection with Fidesca-SD...625...	0.4

## Fixing accessories

Reference	TOC	Accessory description	=kg
Fidesca ZWS 1500	29 293 00	Angle rails for metal case ceilings for Fidesca-SD...35/49/80...	1.3

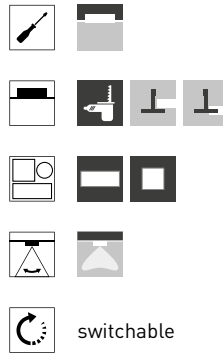
## FIDESCA-BS

RECESSED WEATHER-PROOF  
LUMINAIRES  
FOR SYSTEM CEILINGS



## HYGIENE-COMPLIANT DESIGN AND PERFORMANCE FOR SYSTEM CEILINGS

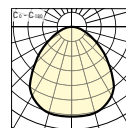
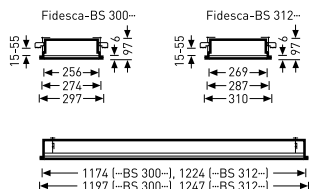
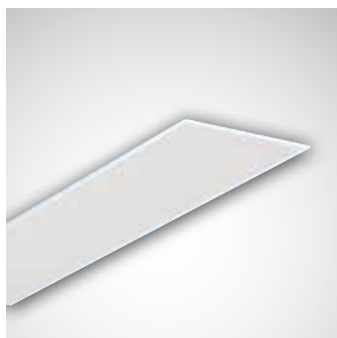
- Optical systems for various applications.
- Simple cleaning, resistant to cleaning agents and disinfectants.



Translucent PMMA diffuser



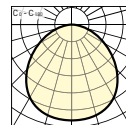
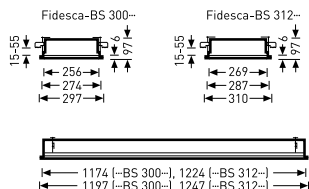
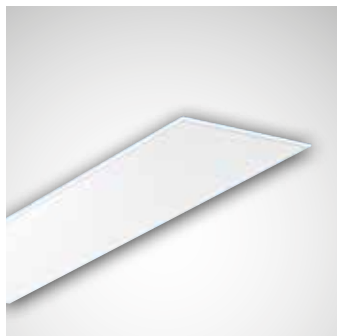
## Recessed cleanroom luminaires with PMMA diffuser



Reference	TOC	...E		EEC	≈kg
Module size M46					
• Fidesca-BS 300 P 228/54...	53 215...	...04	2 x 28/54	A+/A/B/C	6.5
Fidesca-BS 300 PS 128/54...	53 216...	...04	1 x 28/54	A+/A/B/C	6.5
Module size M57					
Fidesca-BS 312 P 228/54...	53 218...	...04	2 x 28/54	A+/A/B/C	7.0
Fidesca-BS 312 PS 128/54...	53 219...	...04	1 x 28/54	A+/A/B/C	7.0

• IK04/0.5 J 650 °C

## Recessed cleanroom luminaires with translucent PMMA diffuser

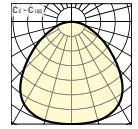
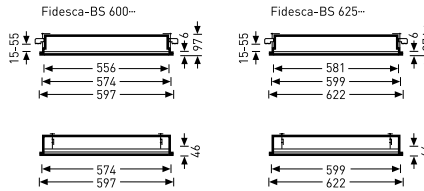
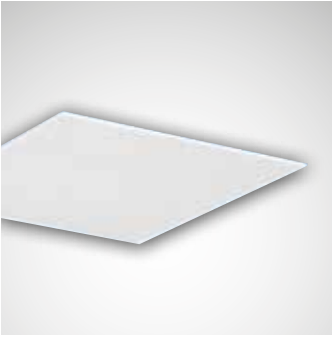


Reference	TOC	...E		EEC	≈kg
Module size M46					
• Fidesca-BS 300 T 228/54...	53 217...	...04	2 x 28/54	A+/A/B/C	6.5
Module size M57					
Fidesca-BS 312 T 228/54...	53 220...	...04	2 x 28/54	A+/A/B/C	7.0

• IK04/0.5 J 650 °C



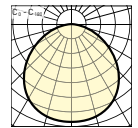
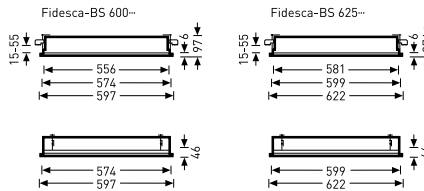
## Recessed cleanroom luminaires with PMMA diffuser



Reference	TOC	...E		EEC	=kg
Module size M73					
• Fidesca-BS 600 P 414/24...	53 221...	...04	4 x 14/24	A+/A/B	7.0
Module size M84					
Fidesca-BS 625 P 414/24...	53 223...	...04	4 x 14/24	A+/A/B	7.0

• IK04/0.5 J 650 °C

## Recessed cleanroom luminaires with translucent PMMA diffuser



Reference	TOC	...E		EEC	=kg
Module size M73					
• Fidesca-BS 600 T 414/24...	53 222...	...04	4 x 14/24	A+/A/B	7.0
Module size M84					
Fidesca-BS 625 T 3TCL36...	52 934...	...04	3 x TC-L 36	A	6.6
Fidesca-BS 625 T 414/24...	53 224...	...04	4 x 14/24	A+/A/B	7.0

• IK04/0.5 J 650 °C

**Fixing accessories**

<b>Reference</b>	<b>TOC</b>	<b>Accessory description</b>	<b>≈kg</b>
<b>Fidesca ZWS 1200</b>	29 294 00	Angle sections for case ceilings for Fidesca-SD...28/54... and Fidesca-BS...28/54...	1.0



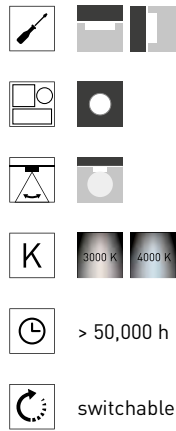
## CENTA S LED

ROUND SURFACE-MOUNTED  
WEATHER-PROOF  
LUMINAIRES



## ROUND AND ROBUST

- Timeless design and high quality, matt decorative diffuser material.
- LED technology for rapid pay-back of investment costs.
- PC versions for applications requiring increased mechanical stability.
- Optional decorative ceiling rings expand the application range.



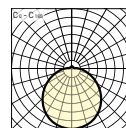
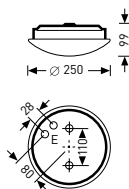
Increased stability



Decorative ceiling rings



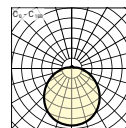
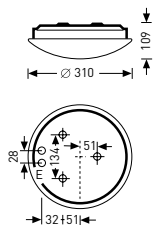
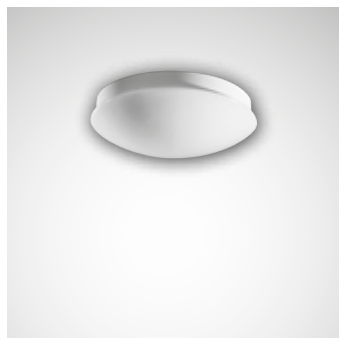
## Round weather-proof surface-mounted LED luminaires with opal diffuser



Reference	TOC	...ET		EEC	W	≈kg
• 7481 G2 LED 900-830...	64 443...	...40	850 lm	A++/A+/A	10	1.0
7481 G2 LED 900-840...	64 444...	...40	900 lm	A++/A+/A	10	1.0
7481 PC G2 LED 900-830...	64 445...	...40	750 lm	A++/A+/A	10	1.0
7481 PC G2 LED 900-840...	64 446...	...40	800 lm	A++/A+/A	10	1.0

• IK04/0.5 J 650 °C

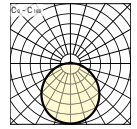
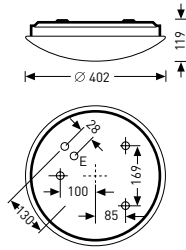
## Round weather-proof surface-mounted LED luminaires with opal diffuser



Reference	TOC	...ET		EEC	W	≈kg
• 7482 G2 LED 1400-830...	64 447...	...40	1300 lm	A++/A+/A	15	1.1
7482 G2 LED 1400-840...	64 448...	...40	1400 lm	A++/A+/A	15	1.1
7482 PC G2 LED 1400-830...	64 449...	...40	1150 lm	A++/A+/A	15	1.1
7482 PC G2 LED 1400-840...	64 450...	...40	1200 lm	A++/A+/A	15	1.1

• IK04/0.5 J 650 °C

## Round weather-proof surface-mounted LED luminaires with opal diffuser



Reference	TOC	...ET		EEC	W	=kg
• 7483 G2 LED 1900-830...	64 451...	...40	1800 lm	A++/A+/A	20	2.1
7483 G2 LED 1900-840...	64 452...	...40	1900 lm	A++/A+/A	20	2.1
7483 PC G2 LED 1900-830...	64 453...	...40	1600 lm	A++/A+/A	20	2.1
7483 PC G2 LED 1900-840...	64 454...	...40	1700 lm	A++/A+/A	20	2.1

• IK04/0.5 J 650 °C

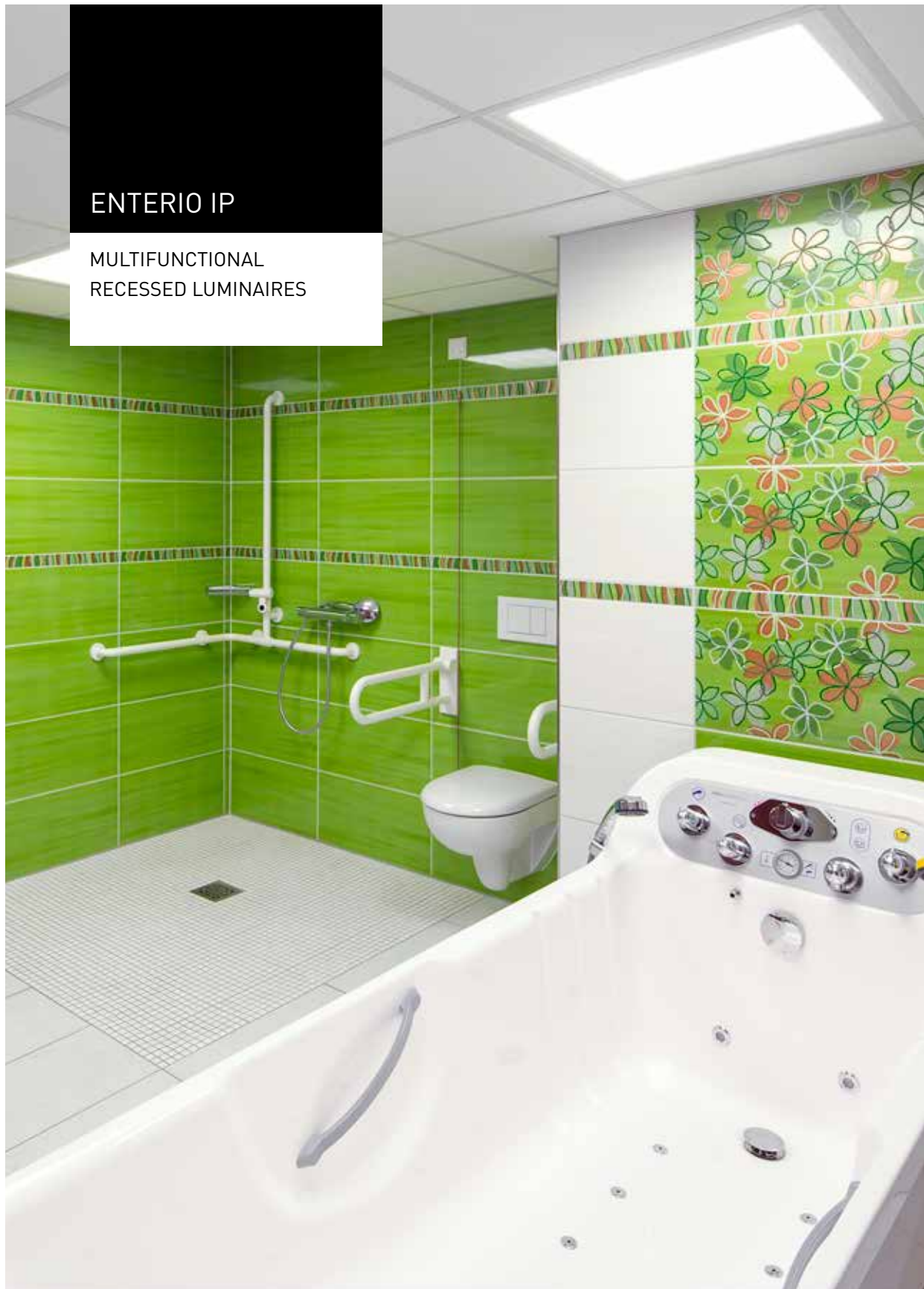
### Decorative rings



Reference	TOC	Accessory description	=kg
07481 DD	21 844 00	Narrow decorative ceiling ring, aluminium, titanium colour, varnish sealed, Ø 310 mm, for 7481...	0.2
07482 DD	21 845 00	Narrow decorative ceiling ring, aluminium, titanium colour, varnish sealed, Ø 384 mm, for 7482...	0.2
07483 DD	21 846 00	Narrow decorative ceiling ring, aluminium, titanium colour, varnish sealed, Ø 498 mm, for 7483...	0.4
07491 DD	21 847 00	Wide decorative ceiling ring, aluminium, titanium colour, varnish sealed, Ø 410 mm, for 7481...	0.3
07492 DD	21 848 00	Wide decorative ceiling ring, aluminium, titanium colour, varnish sealed, Ø 470 mm, for 7482...	0.3
07493 DD	21 849 00	Wide decorative ceiling ring, aluminium, titanium colour, varnish sealed, Ø 572 mm, for 7483...	0.5

ENTERIO IP

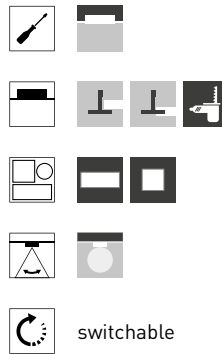
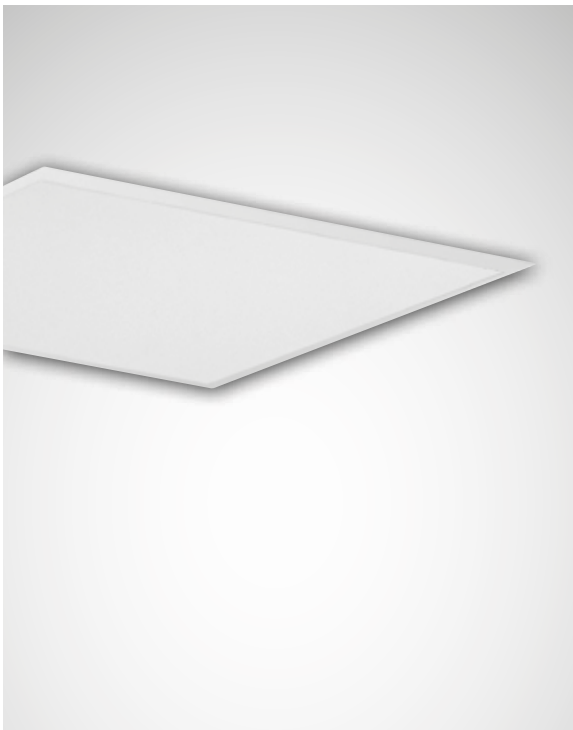
MULTIFUNCTIONAL  
RECESSED LUMINAIRES



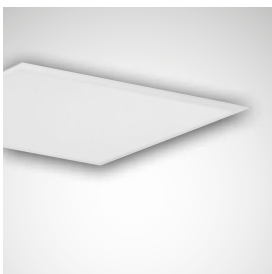


## COMPATIBLE IS WHAT FITS, WITHOUT NEEDING TO BE ADAPTED

- For simple installation in almost all common ceiling systems.
- Wide range of module sizes.
- IP54 protection rating on room side for increased demands.
- Robust with high-performance. Further individual solutions are possible.



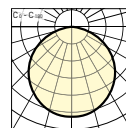
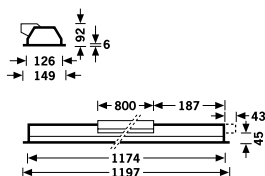
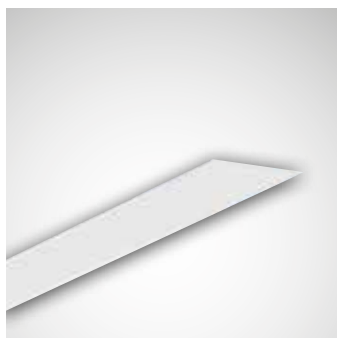
Enterio OA  
with opal cover



Enterio PA  
with prismatic cover



## Recessed luminaires with opal cover



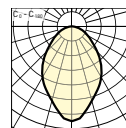
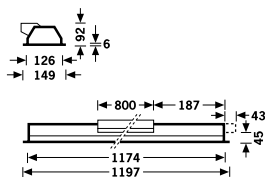
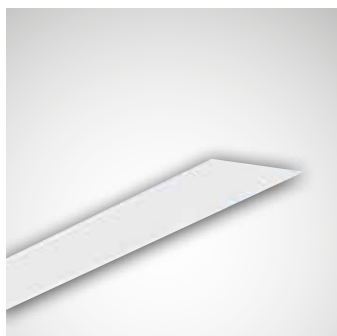
System dimension 150 x 1200 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M26 OA-IP 128...	51 356...	...04	1 x 28	A+/A/B	3.2

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



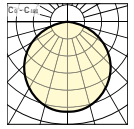
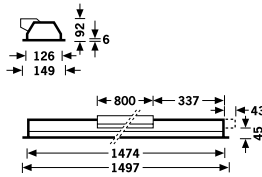
System dimension 150 x 1200 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M26 PA-IP 128...	51 360...	...04	1 x 28	A+/A/B	3.2

• IK02/0.2 J 650 °C

## Recessed luminaires with opal cover



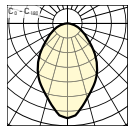
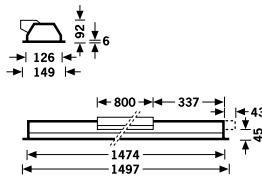
System dimension 150 x 1500 mm

IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M28 OA-IP 135...	51 364...	...04	1 x 35	A+/A/B	4.6

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



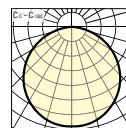
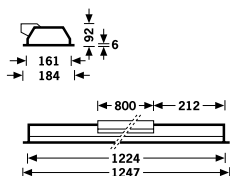
System dimension 150 x 1500 mm

IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M28 PA-IP 135...	51 368...	...04	1 x 35	A+/A/B	4.6

• IK02/0.2 J 650 °C

## Recessed luminaires with opal cover



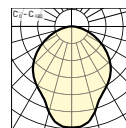
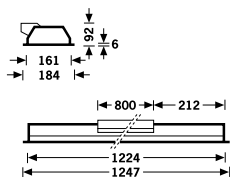
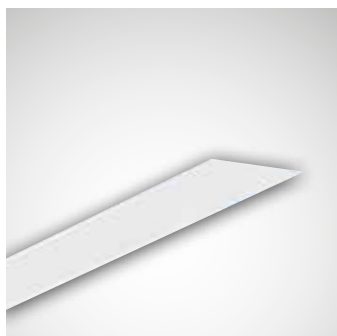
System dimension 185 x 1250 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M37 OA-IP 128...	51 370...	...04	1 x 28	A+/A/B	3.6

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



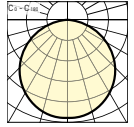
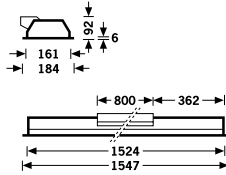
System dimension 185 x 1250 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M37 PA-IP 128...	51 372...	...04	1 x 28	A+/A/B	3.6

• IK02/0.2 J 650 °C

## Recessed luminaires with opal cover




System dimension 185 x 1550 mm

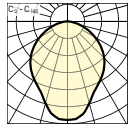
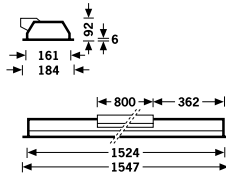





 IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M39 OA-IP 135...	51 374...	...04	1 x 35	A+/A/B	5.0
• IK02/0.2 J 650 °C					

## Recessed luminaires with PMMA prismatic cover




System dimension 185 x 1550 mm

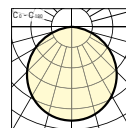
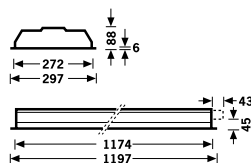
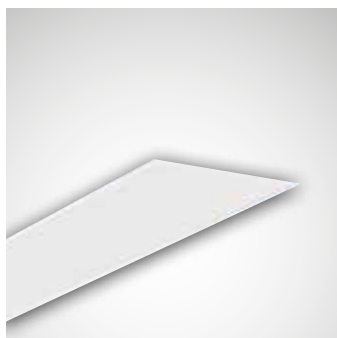





 IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M39 PA-IP 135...	51 376...	...04	1 x 35	A+/A/B	5.0
• IK02/0.2 J 650 °C					

## Recessed luminaires with opal cover



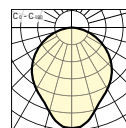
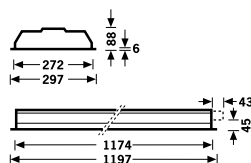
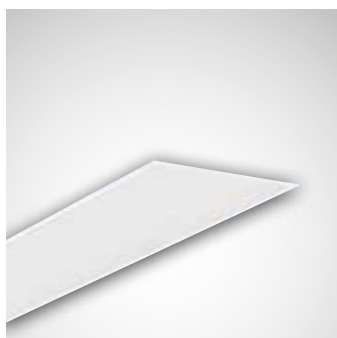
System dimension 300 x 1200 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M46 OA-IP 228...	51 379...	...04	2 x 28	A+/A/B	4.3
Enterio M46 OA-PC-IP 228...	51 383...	...04	2 x 28	A, A+, B	4.9

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



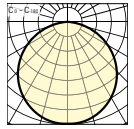
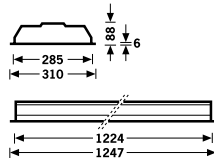
System dimension 300 x 1200 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M46 PA-IP 228...	51 387...	...04	2 x 28	A+/A/B	4.3

• IK02/0.2 J 650 °C

## Recessed luminaires with opal cover



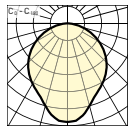
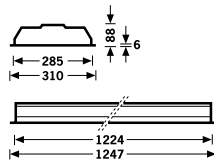
System dimension 312.5 x 1250 mm

IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M57 OA-IP 228...	51 407...	...04	2 x 28	A+/A/B	4.8

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



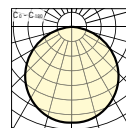
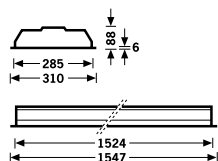
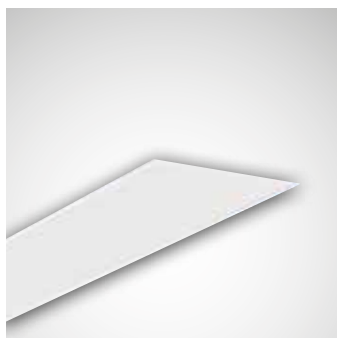
System dimension 312.5 x 1250 mm

IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M57 PA-IP 228...	51 409...	...04	2 x 28	A+/A/B	4.8

• IK02/0.2 J 650 °C

## Recessed luminaires with opal cover

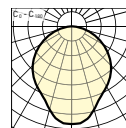
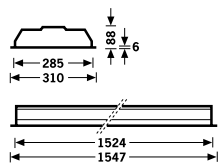
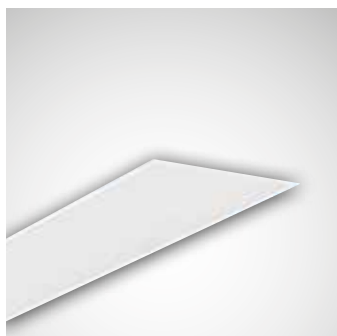


System dimension 312.5 x 1250 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M59 OA-IP 235...	51 411...	...04	2 x 35	A+/A/B	5.4
					• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover



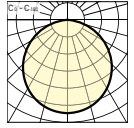
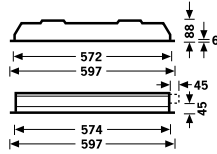
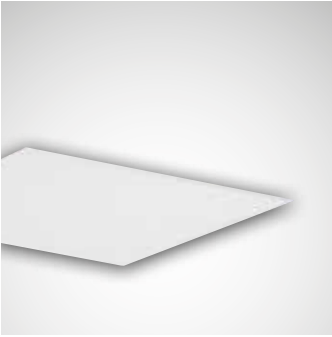
System dimension x 312.5 x 1550 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M59 PA-IP 235...	51 413...	...04	2 x 35	A+/A/B	5.4
					• IK02/0.2 J 650 °C



## Recessed luminaires with opal cover




System dimension 600 x 600 mm



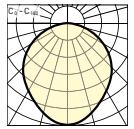
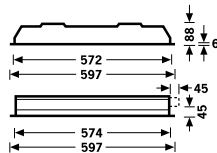



 IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M73 OA-IP 314...	51 417...	...04	3 x 14	A+/A/B	3.9
Enterio M73 OA-IP 414...	51 419...	...04	4 x 14	A+/A/B	4.2
Enterio M73 OA-PC-IP 314...	51 425...	...04	3 x 14	A+/A/B	3.9
Enterio M73 OA-PC-IP 414...	51 427...	...04	4 x 14	A+/A/B	4.2

• IK02/0.2 J 650 °C

## Recessed luminaires with PMMA prismatic cover




System dimension 600 x 600 mm



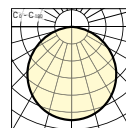
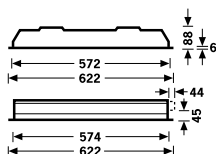
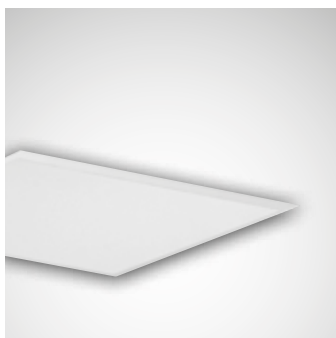



 IP54 room side

Reference	TOC	...E		EEC	=kg
• Enterio M73 PA-IP 314...	51 431...	...04	3 x 14	A+/A/B	3.9
Enterio M73 PA-IP 414...	51 433...	...04	4 x 14	A+/A/B	4.2
Enterio M73 PA-PC-IP 314...	51 439...	...04	3 x 14	A+/A/B	3.9
Enterio M73 PA-PC-IP 414...	51 442...	...04	4 x 14	A+/A/B	4.2

• IK02/0.2 J 650 °C

## Recessed luminaires with opal cover



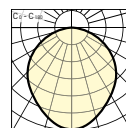
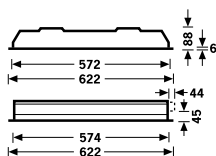
System dimension 625 x 625 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M84 OA-IP 314...	51 444...	...04	3 x 14	A+/A/B	4.2
Enterio M84 OA-IP 414...	51 450...	...04	4 x 14	A+/A/B	4.5

• IK02/0.2 J 650 °C

## Recessed luminaires with prismatic cover



System dimension 625 x 625 mm

IP54 room side

Reference	TOC	...E		EEC	≈kg
• Enterio M84 PA-IP 314...	51 456...	...04	3 x 14	A+/A/B	4.2
Enterio M84 PA-IP 414...	51 462...	...04	4 x 14	A+/A/B	4.5

• IK02/0.2 J 650 °C

## Mounting accessory

Reference	TOC	Accessory description	≈kg
ZSF	52 503 00	For fixing Enterio luminaires ...OA..., ...PA... with lay-in mounting	0.1

## Fixing brackets

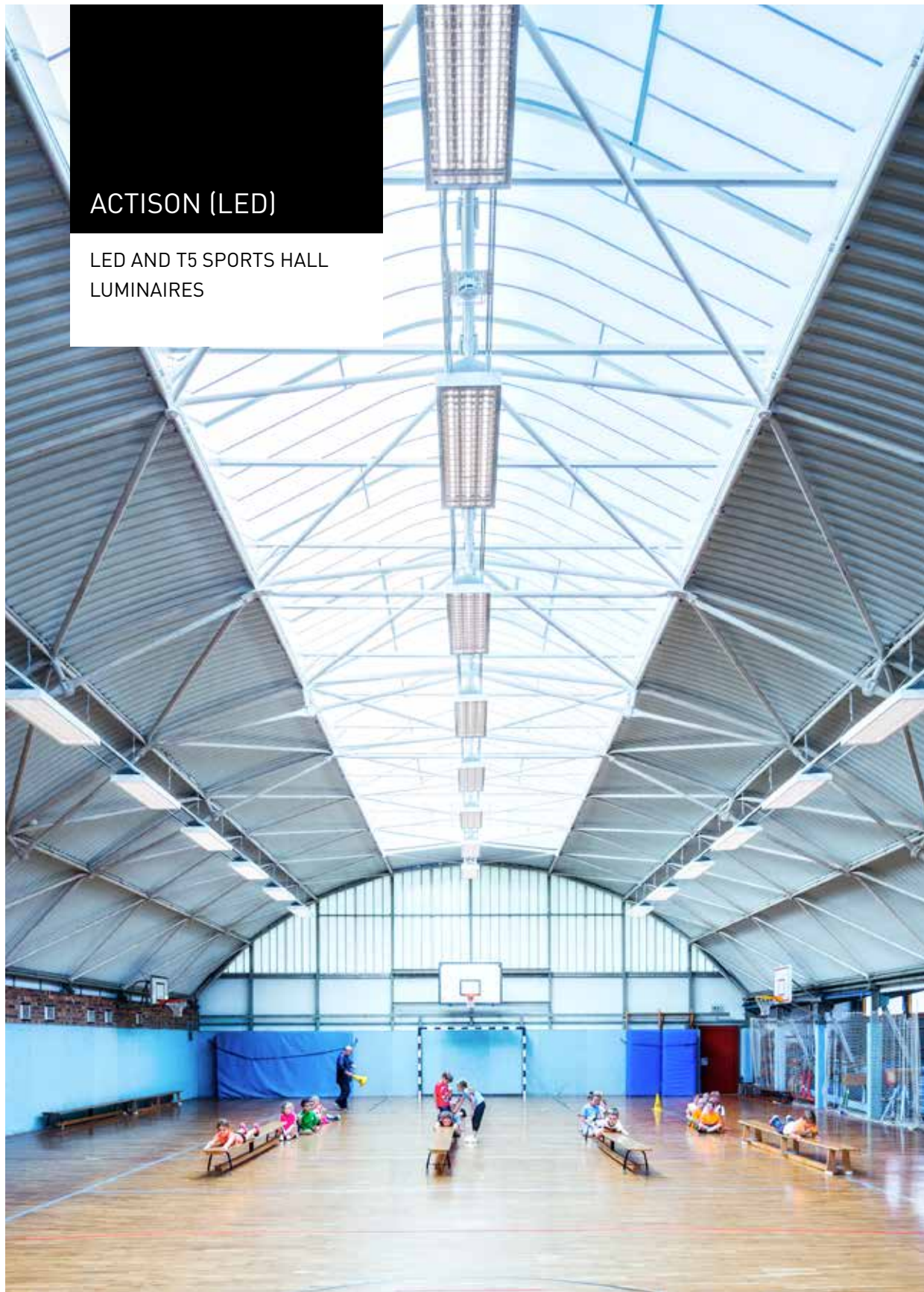


Reference <sup>1)</sup>	TOC	Accessory description	≈kg
Enterio ZBB/1	47 167 00	Fixing brackets (not for twist versions), for Enterio to module width 185 mm	0.1

<sup>1)</sup>For Enterio OA/PA, where required, fixing brackets ZBB/1 should always be used.

## ACTISON (LED)

LED AND T5 SPORTS HALL  
LUMINAIRES



## UNBEATABLE EFFICIENCY FOR ANY SPORTS HALL

- The concept of Actison is synonymous with top achievements in sports halls: extreme energy efficiency and a highly robust exterior (> 100 lm/W).
- The Actison's tough housing withstands maximum loads and guarantees safety.
- The ActisonPlus features a service life of up to 100,000 hours.
- The Actison has flexible applications in all mounting methods – surface-mounting, recessing or suspending.



> 50,000 h

switchable and dimmable (DALI), switchable

Protective grid  
with quick-release catch

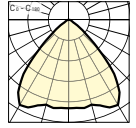
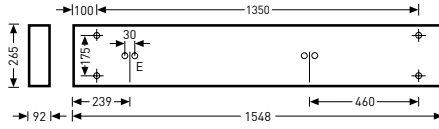


Cover with IP50  
protection rating



# ACTISON (LED)

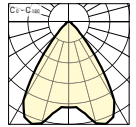
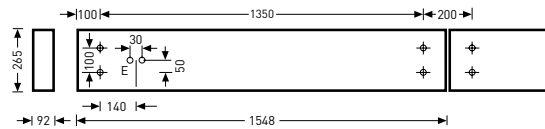
## Ball-proof surface-mounted luminaires with RSX louvre with accessories also as recessed and suspended luminaires



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED							
• Actison RSX2 8000-840...	64 594...	-	...40	8200 lm	A++/A+/A	75	10.3
Actison RSX2 9300-840...	64 593...	...51	...40	9400 lm	A++/A+/A	82	10.3

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre

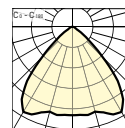
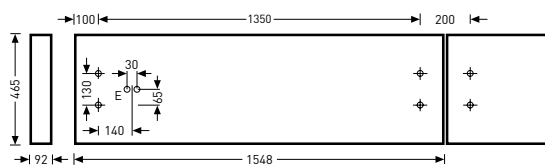


Reference	TOC	...EDD	...E		EEC	≈kg
2-lamp						
• Actison RSX 249...	59 026...	...07	...04	2 x 49	A+/A/B	10.3
Actison RSX 280...	59 027...	...07	...04	2 x 80	A+/A/B/C	10.3

• IK10/20 J 960 °C

# ACTISON (LED)

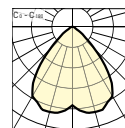
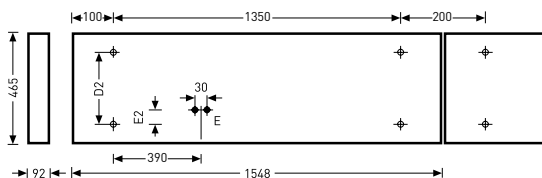
## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre



Reference	TOC	...ETDD	...ET		EEC	W	=kg
LED							
• Actison RSX3 12000-840...	61 999...	...51	...40	12000 lm	A++/A+/A	110	22.0
Actison RSX3 14000-840...	61 998...	...51	...40	14000 lm	A++/A+/A	123	22.0

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre



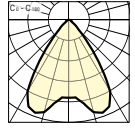
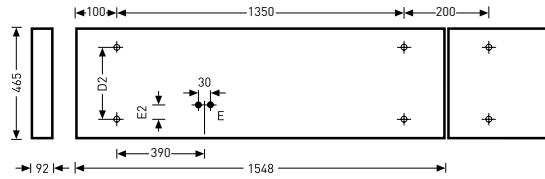
D2: 260/Actison...3..., 300/Actison...4...  
E2: 65/Actison...3..., 50/Actison...4...



Reference	TOC	...EDD	...E		EEC	=kg
3-lamp						
• Actison RSX 349...	59 029...	...07	...04	3 x 49	A+/A/B	15.8
Actison RSX 380...	59 030...	...07	...04	3 x 80	A+/A/B/C	15.8
3-lamp, multi-lamp ballast						
ActisonPlus RSX 335/49/80...	59 028...	...07	-	3 x 35/49/80	A+/A/B/C	15.8

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre



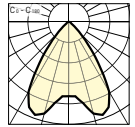
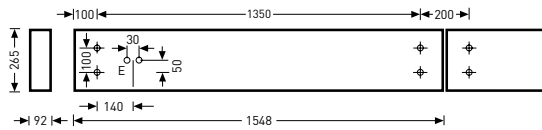
D2: 260/Actison...3...300/Actison...4...  
E2: 65/Actison...3...50/Actison...4...



Reference	TOC	...EDD	...E		EEC	≈kg
4-lamp						
• Actison RSX 449...	59 031...	...07	...04	4 x 49	A+/A/B	15.8
Actison RSX 480...	59 032...	...07	...04	4 x 80	A+/A/B/C	15.8

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre and PMMA cover

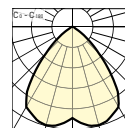
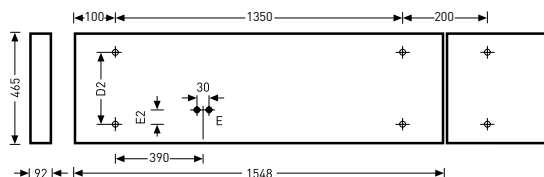
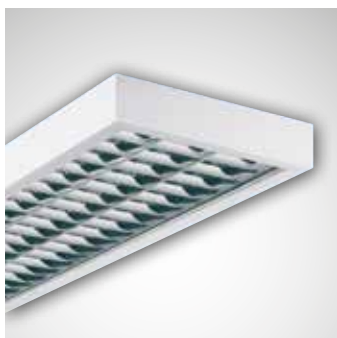


Reference	TOC	...EDD	...E		EEC	≈kg
2-lamp						
• Actison S-RSX 249...	59 047...	...07	...04	2 x 49	A+/A/B	11.2
Actison S-RSX 280...	59 048...	...07	...04	2 x 80	A+/A/B/C	11.2

• IK10/20 J 960 °C



## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre and PMMA cover



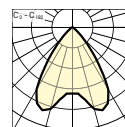
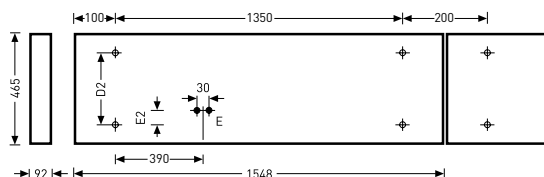
D2: 260/Actison--3--, 300/Actison--4--  
E2: 65/Actison--3--, 50/Actison--4--



Reference	TOC	...EDD	...E		EEC	=kg
3-lamp						
• Actison S-RSX 349...	59 050...	...07	...04	3 x 49	A+/A/B	15.9
Actison S-RSX 380...	59 051...	...07	...04	3 x 80	A+/A/B/C	15.9
3-lamp, multi-lamp ballast						
ActisonPlus S-RSX 335/49/80...	59 049...	...07	-	3 x 35/49/80	A+/A/B/C	15.9

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RSX louvre and PMMA cover



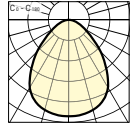
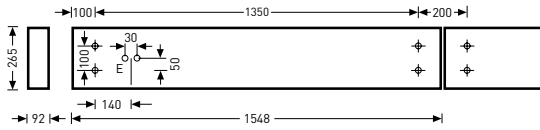
D2: 260/Actison--3--, 300/Actison--4--  
E2: 65/Actison--3--, 50/Actison--4--



Reference	TOC	...EDD	...E		EEC	=kg
4-lamp						
• Actison S-RSX 449...	59 052...	...07	...04	4 x 49	A+/A/B	16.0
Actison S-RSX 480...	59 053...	...07	...04	4 x 80	A+/A/B/C	16.0

• IK10/20 J 960 °C

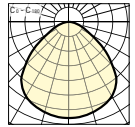
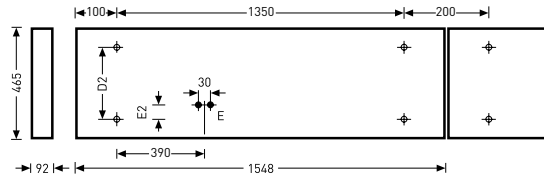
## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RWS louvre



Reference	TOC	...EDD	...E		EEC	≈kg
2-lamp						
• Actison RWS 249...	59 033...	...07	...04	2 x 49	A+/A/B	12.0
Actison RWS 280...	59 034...	...07	...04	2 x 80	A+/A/B/C	12.0

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RWS louvre



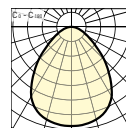
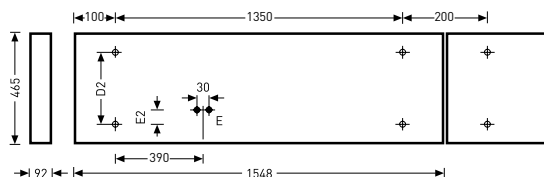
D2: 260/Actison...3..., 300/Actison...4...  
E2: 65/Actison...3..., 50/Actison...4...



Reference	TOC	...EDD	...E		EEC	≈kg
3-lamp						
• Actison RWS 349...	59 036...	...07	...04	3 x 49	A+/A/B	16.7
Actison RWS 380...	59 037...	...07	...04	3 x 80	A+/A/B/C	16.7
3-lamp, multi-lamp ballast						
ActisonPlus RWS 335/49/80...	59 035...	...07	-	3 x 35/49/80	A+/A/B/C	16.7

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RWS louvre



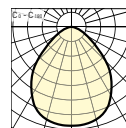
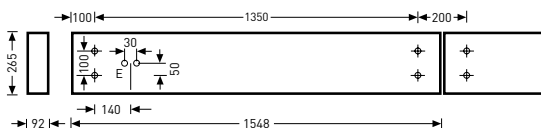
D2: 260/Actison...3..., 300/Actison...4...  
E2: 65/Actison...3..., 50/Actison...4...



Reference	TOC	...EDD	...E		EEC	=kg
4-lamp						
• Actison RWS 449...	59 038...	...07	...04	4 x 49	A+/A/B	16.9
Actison RWS 480...	59 039...	...07	...04	4 x 80	A+/A/B/C	16.9

• IK10/20 J 960 °C

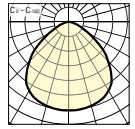
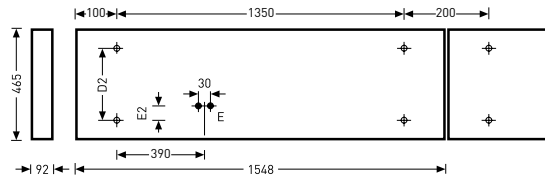
## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RWS louvre and PMMA cover



Reference	TOC	...EDD	...E		EEC	=kg
2-lamp						
• Actison S-RWS 249...	59 054...	...07	...04	2 x 49	A+/A/B	12.7
Actison S-RWS 280...	59 055...	...07	...04	2 x 80	A+/A/B/C	12.7

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RWS louvre and PMMA cover



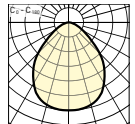
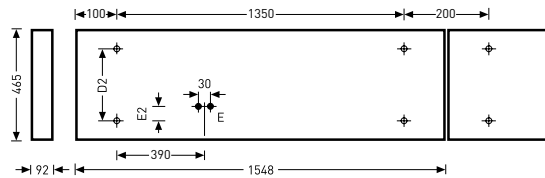
D2: 260/Actison--3--, 300/Actison--4--  
E2: 65/Actison--3--, 50/Actison--4--



Reference	TOC	...EDD	...E		EEC	≈kg
3-lamp						
• Actison S-RWS 349...	59 057...	...07	...04	3 x 49	A+/A/B	17.9
Actison S-RWS 380...	59 058...	...07	...04	3 x 80	A+/A/B/C	17.9
3-lamp, multi-lamp ballast						
ActisonPlus S-RWS 335/49/80...	59 056...	...07	-	3 x 35/49/80	A+/A/B/C	17.9

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with RWS louvre and PMMA cover



D2: 260/Actison--3--, 300/Actison--4--  
E2: 65/Actison--3--, 50/Actison--4--

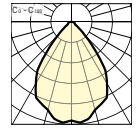
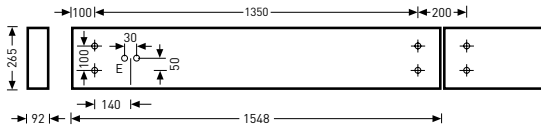


Reference	TOC	...EDD	...E		EEC	≈kg
4-lamp						
• Actison S-RWS 449...	59 059...	...07	...04	4 x 49	A+/A/B	18.1
Actison S-RWS 480...	59 060...	...07	...04	4 x 80	A+/A/B/C	18.1

• IK10/20 J 960 °C

# ACTISON (LED)

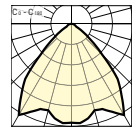
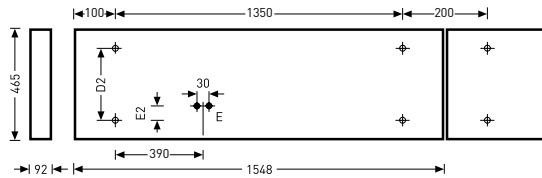
## Ball-proof surface-mounted luminaires, with accessories also as recessed and suspended luminaire with STB specular parabolic reflector



Reference	TOC	...EDD	...E		EEC	=kg
2-lamp						
• Actison STB 249...	59 019...	...07	...04	2 x 49	A+/A/B	10.3
Actison STB 280...	59 020...	...07	...04	2 x 80	A+/A/B/C	10.3

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires, with accessories also as recessed and suspended luminaire with STB specular parabolic reflector



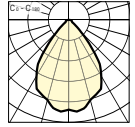
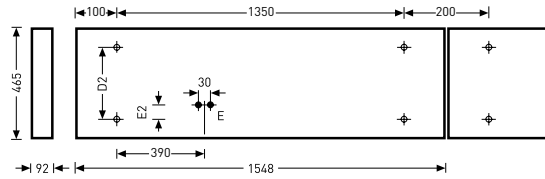
D2: 260/Actison...3..., 300/Actison...4...  
E2: 65/Actison...3..., 50/Actison...4...



Reference	TOC	...EDD	...E		EEC	=kg
3-lamp						
• Actison STB 349...	59 022...	...07	...04	3 x 49	A+/A/B	14.7
Actison STB 380...	59 023...	...07	...04	3 x 80	A+/A/B/C	14.7
3-lamp, multi-lamp ballast						
ActisonPlus STB 335/49/80...	59 021...	...07	-	3 x 35/49/80	A+/A/B/C	14.7

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with STB specular parabolic reflector



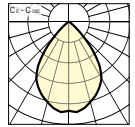
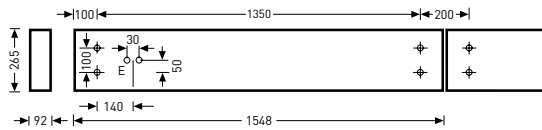
D2: 260/Actison...3...300/Actison...4...  
E2: 65/Actison...3...50/Actison...4...



Reference	TOC	...EDD	...E		EEC	≈kg
4-lamp						
• Actison STB 449...	59 024...	...07	...04	4 x 49	A+/A/B	14.8
Actison STB 480...	59 025...	...07	...04	4 x 80	A+/A/B/C	14.8

• IK10/20 J 960 °C

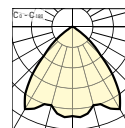
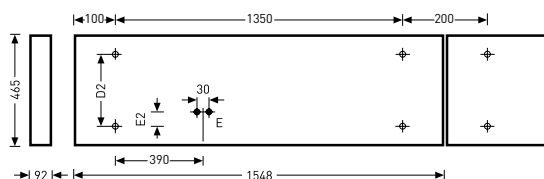
## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with STB specular parabolic reflector and PMMA cover



Reference	TOC	...EDD	...E		EEC	≈kg
2-lamp						
• Actison S-STB 249...	59 040...	...07	...04	2 x 49	A+/A/B	11.2
Actison S-STB 280...	59 041...	...07	...04	2 x 80	A+/A/B/C	11.2

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with STB specular parabolic reflector and PMMA cover



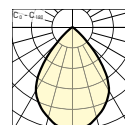
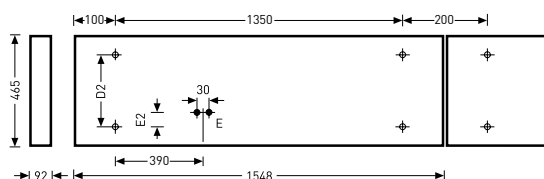
D2: 260/Actison--3--, 300/Actison--4--  
E2: 65/Actison--3--, 50/Actison--4--



Reference	TOC	...EDD	...E		EEC	=kg
3-lamp						
• Actison S-STB 349...	59 043...	...07	...04	3 x 49	A+/A/B	15.9
Actison S-STB 380...	59 044...	...07	...04	3 x 80	A+/A/B/C	15.9
3-lamp, multi-lamp ballast						
ActisonPlus S-STB 335/49/80...	59 042...	...07	-	3 x 35/49/80	A+/A/B/C	15.9

• IK10/20 J 960 °C

## Ball-proof surface-mounted luminaires with accessories also as recessed and suspended luminaire with STB specular parabolic reflector and PMMA cover



D2: 260/Actison--3--, 300/Actison--4--  
E2: 65/Actison--3--, 50/Actison--4--



Reference	TOC	...EDD	...E		EEC	=kg
4-lamp						
• Actison S-STB 449...	59 045...	...07	...04	4 x 49	A+/A/B	16.0
Actison S-STB 480...	59 046...	...07	...04	4 x 80	A+/A/B/C	16.0

• IK10/20 J 960 °C

## Actison accessories

Reference	TOC	Accessory description	≈kg
<b>Actison AE 280</b>	59 505 00	Counter-balance weight for 2-lamp Actison, see online catalogue for LED versions	0.4
<b>Actison AE 380</b>	59 506 00	Counter-balance weight for 3-lamp Actison, see online catalogue for LED versions	0.4
<b>Actison BAB 1</b>	59 503 00	Ball safety shield, 2-lamp, mounting only in combination with trunking 110N... and mounting bracket Actison TS1	1.6
<b>Actison BAB 2</b>	59 504 00	Ball safety shield, 3- and 4-lamp, mounting only in combination with trunking 110N... and mounting bracket Actison TS2	2.2
<b>Actison C1</b>	59 493 00	2-lamp recess accessory for ceiling cut-outs	2.8
<b>Actison C2</b>	59 492 00	3- and 4-lamp recess accessory for ceiling cut-outs	3.3
<b>Actison H</b>	59 502 00	Suspension material	0.7
<b>Actison H LB</b>	59 501 00	Suspension material continuous line	0.6
<b>Actison H LB LED</b>	62 054 00	Suspension accessories for continuous line	0.6
<b>Actison H LED</b>	62 053 00	Suspension accessories	0.6
<b>Actison Paneel 1</b>	59 495 00	2-lamp panel recess accessory	2.5
<b>Actison Paneel 2</b>	59 494 00	3- and 4-lamp panel recess accessory	2.8
<b>Actison Paneel 75</b>	59 496 00	Panel adapters 75 (1 pair)	1.8
<b>Actison Paneel 85</b>	59 497 00	Panel adapters 85 (1 pair)	1.4
<b>Actison ZDV/315/80</b>	59 509 00	Through-wiring, 3-pole, 1750 mm	0.1
<b>Actison ZDV/515/80</b>	59 510 00	Through-wiring, 5-pole, 1750 mm	0.2
<b>Actison ZDV/715/80</b>	59 511 00	Through-wiring, 7-pole, 1750 mm	0.2
<b>Actison ZI4</b>	59 508 00	Allen key SW 4mm	0.1

## Angle rails

Reference	TOC	Accessory description	≈kg
<b>110N/155</b>	29 289 00	Angle rail, 1-length, length 1550 mm, 1 pair	4.0
<b>110N/310</b>	29 290 00	Angle rail, 1-length, length 3100 mm, 1 pair	8.0
<b>113N</b>	22 287 00	Angle rail coupling, set of 2	0.6



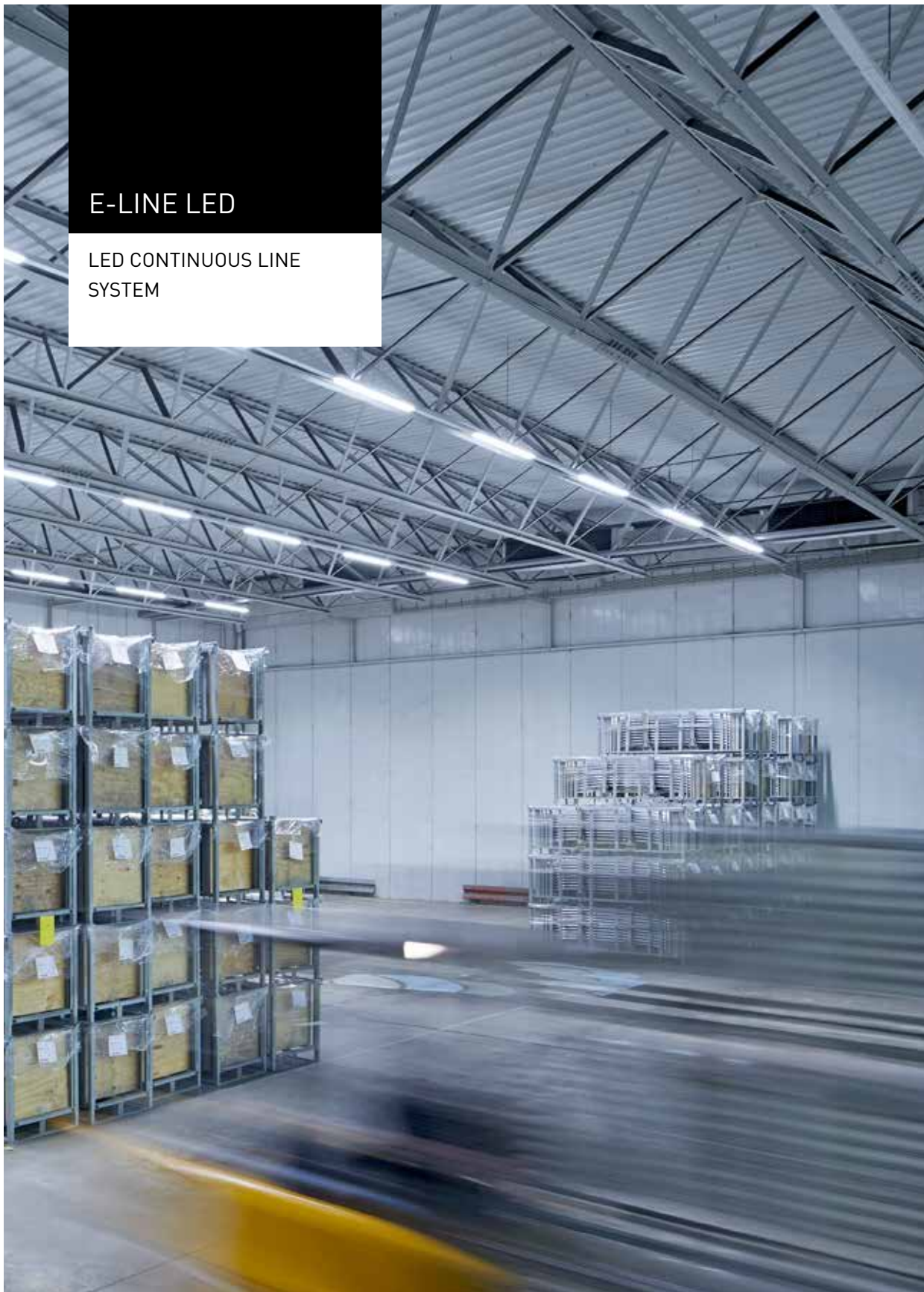


## Mounting brackets

Reference	TOC	Accessory description	≈kg
<b>Actison TS1</b>	59 947 00	1 pair mounting brackets for 2-lamp Actison luminaires, for fixing luminaire to the trunking system	0.3
<b>Actison TS2</b>	59 948 00	1 pair mounting brackets for 3- and 4-lamp Actison luminaires, for fixing luminaire to the trunking system	1.0

## E-LINE LED

LED CONTINUOUS LINE  
SYSTEM



## A CONTINUOUS LINE FOR ALL APPLICATIONS

- With various luminous flux packages and optics, E-Line LED masters any lighting task in the industrial or retail sector.
- The high energy efficiency of 148 lm/W significantly cuts operating costs, meaning that investments are paid back rapidly.
- Just 44 seconds is all it takes to install E-Line LED without tools into existing E-Line trunking rails (T5/T8) with refurbishment projects.



50,000 h



switchable and dimmable (DALI), switchable



Emergency light version with individual battery, 3 hours, switching relay for emergency power supply systems

4,000 to 20,000 lm

E-Line LED IP54



## E-LINE LED

SAVING TIME AND MONEY



0

10

20

30

40



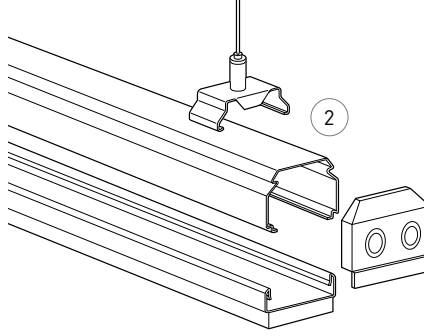
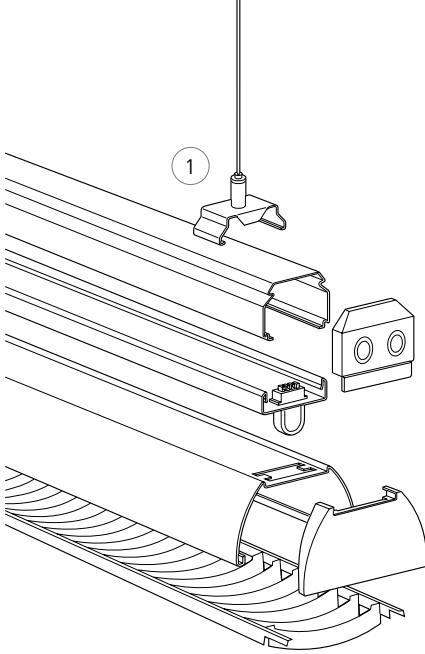
### **Starting signal for more efficiency. Existing T8 E-Line lighting solution.**

Ideal pre-conditions for refurbishments:  
The E-Line LED continuous line system can be quickly and efficiently integrated into existing T5 and T8 E-Line trunking.



### **Removal made easy. Disassembly without tools.**

Accessory components of the existing luminaire insert (reflectors, louvres, connectors etc.) are disassembled without tools.  
The trunking rail is now ready to accommodate the LED module.



**1 Standard E-Line continuous line.  
Assembly on site.**

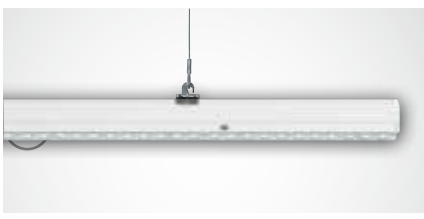
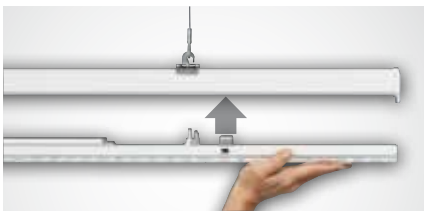
A conventional E-Line continuous line consists of up to six various components (gear tray, reflector, reflector connector and reflector end caps, louvre and reflector inserts, in addition to the light source). The components are supplied separately and assembled on-site.

**2 E-Line LED.  
Fewer parts. A wealth of benefits.**

With E-Line LED, gear trays, reflectors and light sources are supplied in the form of a pre-assembled unit. Fewer components simplify and accelerate logistics, replacement and installation.

50

60 ...and finished!



**Just one click.  
Integrating new optics.**

A new optic can be simply clicked into the existing trunking rail without tools and thanks to the intelligent spring catch construction. The module is firmly clicked in if the spring terminals protrude forward slightly on both sides.



**FOR  
X-LINE  
TRUNKING ON  
REQUEST.**

**New light in old trunking rails.  
The new E-Line LED continuous line.**

Done. High satisfaction with an attractive and high-efficiency lighting solution with custom light. Different each day and at least 50,000 operating hours long.

# THE E-LINE CONFIGURATOR

FINISHED CONTINUOUS LINES IN LESS THAN 90 SECONDS





## YOUR BENEFITS

- ✓ **Individual planning** is made simple thanks to a variety of configuration options.
- ✓ **Intuitive handling** of the configurator makes planning continuous lines child's play.
- ✓ **Flexible configuration phases** enable modifications to basis data at all times and without losses.
- ✓ **Favourite modules and configurations** are simply created and saved.
- ✓ **Parts lists and installation aids** created and printed out at the press of a button.
- ✓ **Product downloads** compiled with one click for the complete continuous line.

Give it a try: [eline.trilux.com](http://eline.trilux.com)

## E-LINE LED

JUST INSTALLED ALREADY  
PAID FOR ITSELF



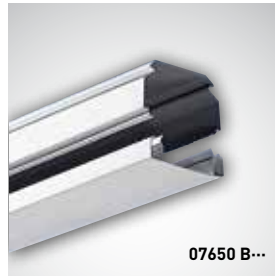
**Efficient light for production halls.** Requirements for production hall lighting solutions are high. Costs for a refurbishment, however, don't have to be – because the larger a hall is, the larger the potential for savings is as well. If, for example, T8 gear trays with conventional control gears in an existing lighting installation with E-Line continuous line luminaires are replaced by high efficiency E-Line LED gear trays, then power costs for illuminating a 1,800 m<sup>2</sup> hall can be cut by 64 %. This even improves to 75 % if the new system is combined with a lighting management system, as shown in the example below. This means that costs for refurbishments pay for themselves within a very short period of time.



# EXAMPLE: PRODUCTION HALL (REFURBISHMENT)



7650 TB...



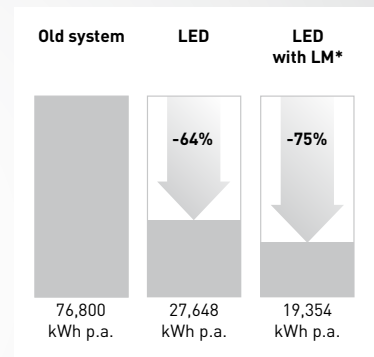
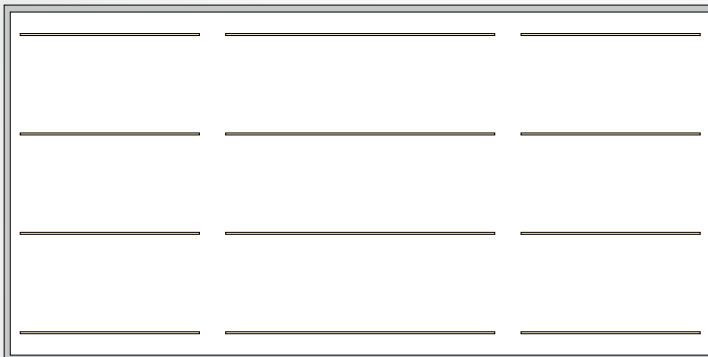
07650 B...

## Ordering example

Quantity	TOC	Reference	Description
128	62 415 51	7650 TB LED 6500-840 ETDD	E-Line LED gear tray, narrow wide distribution, 6,500 lm, 4000 K, DALI dimmable, white
128	62 215 00	07650 B/L55	Blanking cover, length 55 mm

Production hall	Old system	New system A	New system B incl. light management (LM)
<b>Luminaire</b>	E-Line continuous line T8 – 2 x 58 KVG with white reflector	E-Line LED 6500-840 narrow-wide distribution	E-Line LED 6500-840 narrow-wide distribution
<b>Power consumption per luminaire</b>	150 W	54 W	54 W
<b>Number of luminaires in building</b>	128 Pieces luminaire-luminaire	128 Pieces luminaire-luminaire	128 Pieces luminaire-luminaire
<b>Total power consumption</b>	19,200 W	6,912 W	6,912 W
<b>Kilowatt hours p.a.</b>	76,800 kWh	27,648 kWh	19,354 kWh
<b>Energy saving potential</b>		64 %	75 %
<b>Energy cost savings Ø p.a.</b>		13,271 EUR	15,510 EUR
<b>CO<sub>2</sub> savings p.a.</b>		29,5 tonnes	34.5 tonnes

- **Production hall:** 60.00 m x 30.00 m
- **Room height:** 6.00 m
- **Maintenance factor:** 0.67
- **Illuminance:** at least 300 lx



\*light management

**How much could you save?** Calculate the cost saving potential for your lighting solution by using our Efficiency Calculator on the Internet at [www.trilux.com/efficiency-calculator](http://www.trilux.com/efficiency-calculator).



## E-LINE LED

HIGH HALLS  
LOW COSTS

**Efficient LED light for warehouses.** Storage and logistics halls with high ceilings not only present challenges for the lighting solution but they also have an enormous potential for savings. Replacing a conventional lighting system with narrow beam angle luminaires, metal halide lamps and conventional ballasts for a system with narrow distribution and highly efficient E-Line LED continuous line luminaires reduces energy costs for lighting by 59 %. If the installation is also combined with a light management system, for example featuring presence detection, then costs are even cut by 71 %.

# EXAMPLE: WAREHOUSE (REFURBISHMENT)

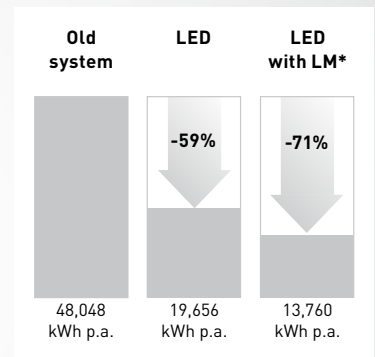
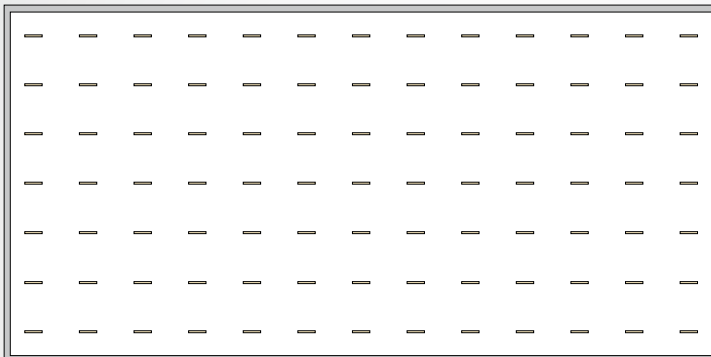


## Ordering example

Quantity	TOC	Reference	Description
77	59 213 00	07650/III/35-7LV-2.5	E-Line T5N trunking, 3-length, 7 x 2.5 mm <sup>2</sup>
14	59 211 00	07650/II/35-7LV/2.5	E-Line T5N trunking, 2-length, 7 x 2.5 mm <sup>2</sup>
91	62 409 51	7650 T LED 6500-840 ETDD	E-Line LED gear tray, narrow distribution, 6,500 lm, 4000 K, DALI dimmable, white
14	21 947 00	07690 E-R	End caps for trunking, white
154	61 889 00	E 03 SKX	Height-adjustable chain suspension

Production hall	Old system	New system A	New system B incl. light management (LM)
<b>Luminaire</b>	Narrow angle luminaire 1 x HIT 400 W KVG	E-Line LED 6500-840 narrow distribution	E-Line LED 6500-840 narrow distribution
<b>Power consumption per luminaire</b>	429 W	54 W	54 W
<b>Number of luminaires in building</b>	24 Pieces	91 Pieces luminaire-blank-blank-luminaire	91 Pieces luminaire-blank-blank-luminaire
<b>Total power consumption</b>	12,012 W	4,914 W	4,914 W
<b>Kilowatt hours p.a.</b>	48,048 kWh	19,656 kWh	13,760 kWh
<b>Energy saving potential</b>		59 %	71 %
<b>Energy cost savings Ø p.a.</b>		7,382 EUR	8,915 EUR
<b>CO<sub>2</sub> savings p.a.</b>		17.04 tonnes	20.57 tonnes

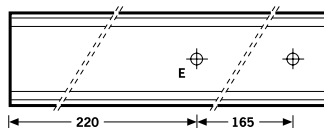
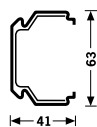
- Warehouse: 60.00 m x 30.00 m
- Room height: 10.00 m
- Maintenance factor: 0.67
- Illuminance: at least 200 lx



\*light management

How much could you save? Calculate the cost saving potential for your lighting solution by using our Efficiency Calculator on the Internet at [www.trilux.com/efficiency-calculator](http://www.trilux.com/efficiency-calculator).

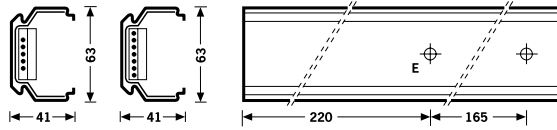
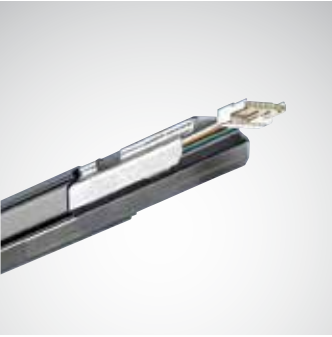
## Universal trunking profiles, unwired



- ...U... Trunking, unwired
- .../I/... 1-length version
- .../II/... 2-length version
- .../III/... 3-length version
- ...M... Silver-grey instead of white

Reference	TOC	L x W x H mm	≈kg
White			
07650/I/28-U	59 204 00	1175 x 63 x 41	1.3
07650/I/35-U	59 206 00	1475 x 63 x 41	2.3
07650/II/28-U	59 208 00	2350 x 63 x 41	3.5
07650/II/35-U	59 210 00	2950 x 63 x 41	1.6
07650/III/28-U	59 212 00	3525 x 63 x 41	2.9
07650/III/35-U	59 214 00	4425 x 63 x 41	4.4
Silver-grey			
07650 M/I/28-U	59 235 00	1175 x 63 x 41	1.3
07650 M/I/35-U	59 237 00	1475 x 63 x 41	2.3
07650 M/II/28-U	59 239 00	2350 x 63 x 41	3.5
07650 M/II/35-U	59 241 00	2950 x 63 x 41	1.6
07650 M/III/28-U	59 243 00	3525 x 63 x 41	2.9
07650 M/III/35-U	59 245 00	4425 x 63 x 41	4.4

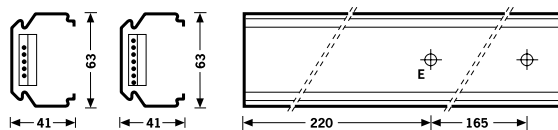
## Universal trunking, factory pre-wired



- .../II/... 2-length version
- .../III/... 3-length version
- ...M... Silver-grey instead of white
- ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	=kg
5LV, white			
07650/II/28-5LV 2.5	59 217 00	2350 x 63 x 41	3.0
07650/II/35-5LV 2.5	59 218 00	2950 x 63 x 41	3.3
07650/III/28-5LV 2.5	59 219 00	3525 x 63 x 41	4.5
07650/III/35-5LV 2.5	59 220 00	4425 x 63 x 41	5.0
7LV, white			
07650/II/28-7LV 2.5	59 207 00	2350 x 63 x 41	3.1
07650/II/35-7LV 2.5	59 209 00	2950 x 63 x 41	3.4
07650/III/28-7LV 2.5	59 211 00	3525 x 63 x 41	4.6
07650/III/35-7LV 2.5	59 213 00	4425 x 63 x 41	5.1
5LV, silver-grey			
07650 M/II/28-5LV/2.5	59 248 00	2350 x 63 x 41	3.0
07650 M/II/35-5LV/2.5	59 249 00	2950 x 63 x 41	3.3
07650 M/III/28-5LV/2.5	59 250 00	3525 x 63 x 41	4.5
07650 M/III/35-5LV/2.5	59 251 00	4425 x 63 x 41	5.0
7LV, silver-grey			
07650 M/II/28-7LV/2.5	59 238 00	2350 x 63 x 41	3.1
07650 M/II/35-7LV/2.5	59 240 00	2950 x 63 x 41	3.4
07650 M/III/28-7LV/2.5	59 242 00	3525 x 63 x 41	4.6
07650 M/III/35-7LV/2.5	59 244 00	4425 x 63 x 41	5.1

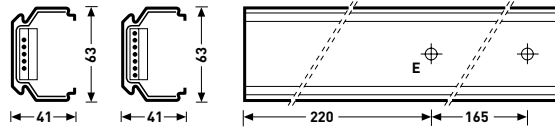
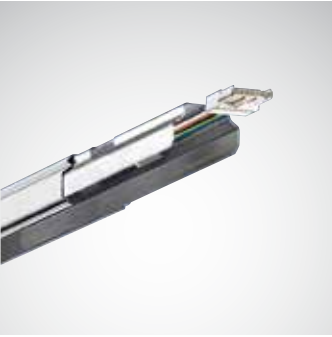
## Universal trunking for individual luminaires, pre-wired and ready for connection



...E... Trunking for single luminaires  
 ...M... Silver-grey instead of white  
 ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	≈kg
5LV, white			
<b>07650 I/I/28-5LV/E 2.5</b>	59 215 00	1175 x 63 x 41	1.3
<b>07650 I/I/35-5LV/E 2.5</b>	59 216 00	1475 x 63 x 41	1.7
7LV, white			
<b>07650 I/I/28-7LV/E 2.5</b>	59 203 00	1175 x 63 x 41	1.4
<b>07650 I/I/35-7LV/E 2.5</b>	59 205 00	1475 x 63 x 41	1.8
5LV, silver-grey			
<b>07650 M/I/28-5LV/E 2.5</b>	59 246 00	1175 x 63 x 41	1.3
<b>07650 M/I/35-5LV/E 2.5</b>	59 247 00	1475 x 63 x 41	1.7
7LV, silver-grey			
<b>07650 M/I/28-7LV/E 2.5</b>	59 234 00	1175 x 63 x 41	1.4
<b>07650 M/I/35-7LV/E 2.5</b>	59 236 00	1475 x 63 x 41	1.8

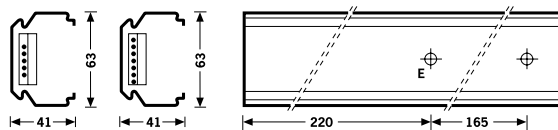
## Flex 370 universal trunking, factory pre-wired



.../II/... 2-length version  
 .../III/... 3-length version  
 ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	Connector socket distances mm	=kg
5LV, white, wired				
<b>07650/II/35-5LV-2.5 Flex 370</b>	60 412 00	2950 x 63 x 41	368	3.4
<b>07650/III/35-5LV-2.5 Flex 370</b>	60 414 00	4425 x 63 x 41	368	5.1
7LV, white, wired				
<b>07650/II/35-7LV-2.5 Flex 370</b>	60 413 00	2950 x 63 x 41	368	3.4
<b>07650/III/35-7LV-2.5 Flex 370</b>	60 415 00	4425 x 63 x 41	368	5.1
5LV, silver-grey, wired				
<b>07650 M/II/35-5LV-2.5 Flex 370</b>	61 002 00	2950 x 63 x 41	368	3.4
<b>07650 M/III/35-5LV-2.5 Flex 370</b>	61 004 00	4425 x 63 x 41	368	5.1
7LV, silver-grey, wired				
<b>07650 M/II/35-7LV-2.5 Flex 370</b>	61 003 00	2950 x 63 x 41	368	3.4
<b>07650 M/III/35-7LV-2.5 Flex 370</b>	61 005 00	4425 x 63 x 41	368	5.1

## Flex 370 universal trunking for individual luminaires, pre-wired and ready for connection

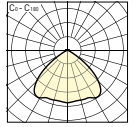


...E... Trunking for single luminaires  
 .../I/... 1-length version  
 ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	Connector socket distances mm	≈kg
5LV, white, wired				
<b>07650/I/35-5LV/E-2.5 Flex 370</b>	60 410 00	1475 x 63 x 41	368	1.5
7LV, white, wired				
<b>07650/I/35-7LV/E-2.5 Flex 370</b>	60 411 00	1475 x 63 x 41	368	1.5
5LV, silver-grey, wired				
<b>07650 M/I/35-5LV/E-2.5 Flex 370</b>	61 000 00	1475 x 63 x 41	368	1.5
7LV, silver-grey, wired				
<b>07650 M/I/35-7LV/E-2.5 Flex 370</b>	61 001 00	1475 x 63 x 41	368	1.5



## Wide distribution gear tray

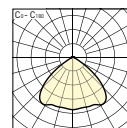


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 B LED 4000-840...	62 098...	...51	...40	4300 lm	A++/A+/A	29	1475 x 63 x 63	1.9
7650 B LED 4000-830...	62 097...	...51	...40	4100 lm	A++/A+/A	29	1475 x 63 x 63	1.9
7650 B LED 5500-840...	62 100...	...51	...40	5700 lm	A++/A+/A	39	1475 x 63 x 63	1.9
7650 B LED 5500-830...	62 099...	...51	...40	5400 lm	A++/A+/A	39	1475 x 63 x 63	1.9
7650 B LED 6500-840...	62 393...	...51	...40	6600 lm	A++/A+/A	48	1475 x 63 x 63	1.9
7650 B LED 6500-830...	62 392...	...51	...40	6300 lm	A++/A+/A	48	1475 x 63 x 63	1.9
7650 B LED 8000-840...	63 686...	...51	...40	8300 lm	A++/A+/A	63	1475 x 63 x 63	1.9
7650 B LED 8000-830...	63 684...	...51	...40	7900 lm	A++/A+/A	63	1475 x 63 x 63	1.9
Silver-grey								
7650 M-B LED 4000-840...	62 102...	...51	...40	4300 lm	A++/A+/A	29	1475 x 63 x 63	1.9
7650 M-B LED 4000-830...	62 101...	...51	...40	4100 lm	A++/A+/A	29	1475 x 63 x 63	1.9
7650 M-B LED 5500-840...	62 104...	...51	...40	5700 lm	A++/A+/A	39	1475 x 63 x 63	1.9
7650 M-B LED 5500-830...	62 103...	...51	...40	5400 lm	A++/A+/A	39	1475 x 63 x 63	1.9
7650 M-B LED 6500-840...	62 397...	...51	...40	6600 lm	A++/A+/A	48	1475 x 63 x 63	1.9
7650 M-B LED 6500-830...	62 396...	...51	...40	6300 lm	A++/A+/A	48	1475 x 63 x 63	1.9
7650 M-B LED 8000-840...	63 694...	...51	...40	8300 lm	A++/A+/A	63	1475 x 63 x 63	1.9
7650 M-B LED 8000-830...	63 692...	...51	...40	7900 lm	A++/A+/A	63	1475 x 63 x 63	1.9

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Wide distribution gear tray for emergency lighting



Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
<b>Wide distribution gear tray with individual battery supply for maintained operation*</b>								
White								
7650 B LED 4000-840...EB3	62 106...	...51	...40	4300 lm	A++/A+/A	33	1475 x 63 x 63	2.7
7650 B LED 4000-830...EB3	62 105...	...51	...40	4100 lm	A++/A+/A	33	1475 x 63 x 63	2.7
7650 B LED 5500-840...EB3	62 108...	...51	...40	5700 lm	A++/A+/A	44	1475 x 63 x 63	2.7
7650 B LED 5500-830...EB3	62 107...	...51	...40	5400 lm	A++/A+/A	44	1475 x 63 x 63	2.7
7650 B LED 6500-840...EB3	62 417...	...51	...40	6600 lm	A++/A+/A	54	1475 x 63 x 63	2.7
7650 B LED 6500-830...EB3	62 416...	...51	...40	6300 lm	A++/A+/A	54	1475 x 63 x 63	2.7
Silver-grey								
7650 M-B LED 4000-840...EB3	62 110...	...51	...40	4300 lm	A++/A+/A	33	1475 x 63 x 63	2.7
7650 M-B LED 4000-830...EB3	62 109...	...51	...40	4100 lm	A++/A+/A	33	1475 x 63 x 63	2.7
7650 M-B LED 5500-840...EB3	62 112...	...51	...40	5700 lm	A++/A+/A	44	1475 x 63 x 63	2.7
7650 M-B LED 5500-830...EB3	62 111...	...51	...40	5400 lm	A++/A+/A	44	1475 x 63 x 63	2.7
7650 M-B LED 6500-840...EB3	62 421...	...51	...40	6600 lm	A++/A+/A	54	1475 x 63 x 63	2.7
7650 M-B LED 6500-830...EB3	62 420...	...51	...40	6300 lm	A++/A+/A	54	1475 x 63 x 63	2.7

<b>Wide distribution gear tray with switching relay for maintained operation*</b>								
White								
7650 B LED 4000-840...UR	62 114...	...51	...40	4300 lm	A++/A+/A	29	1475 x 63 x 63	2.0
7650 B LED 4000-830...UR	62 113...	...51	...40	4100 lm	A++/A+/A	29	1475 x 63 x 63	2.0
7650 B LED 5500-840...UR	62 116...	...51	...40	5700 lm	A++/A+/A	39	1475 x 63 x 63	2.0
7650 B LED 5500-830...UR	62 115...	...51	...40	5400 lm	A++/A+/A	39	1475 x 63 x 63	2.0
7650 B LED 6500-840...UR	62 441...	...51	...40	6600 lm	A++/A+/A	48	1475 x 63 x 63	2.0
7650 B LED 6500-830...UR	62 440...	...51	...40	6300 lm	A++/A+/A	48	1475 x 63 x 63	2.0
Silver-grey								
7650 M-B LED 4000-840...UR	62 118...	...51	...40	4300 lm	A++/A+/A	29	1475 x 63 x 63	2.0
7650 M-B LED 4000-830...UR	62 117...	...51	...40	4100 lm	A++/A+/A	29	1475 x 63 x 63	2.0
7650 M-B LED 5500-840...UR	62 120...	...51	...40	5700 lm	A++/A+/A	39	1475 x 63 x 63	2.0
7650 M-B LED 5500-830...UR	62 119...	...51	...40	5400 lm	A++/A+/A	39	1475 x 63 x 63	2.0
7650 M-B LED 6500-840...UR	62 445...	...51	...40	6600 lm	A++/A+/A	48	1475 x 63 x 63	2.0
7650 M-B LED 6500-830...UR	62 444...	...51	...40	6300 lm	A++/A+/A	48	1475 x 63 x 63	2.0

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.

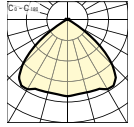
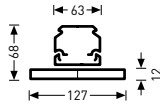
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

\*With the combination DALI + emergency light (EB and UR), special trunking (7LV + 5LV) must be requested from TRILUX.

The emergency light gear trays are not compatible with our Flex370 trunking.

• IK02/0.2 J 650 °C

## Wide distribution gear tray

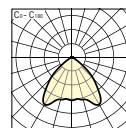


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 B LED 13000-840...	63 270...	...51	...40	12800 lm	A++/A+/A	108	1475 x 127 x 68	4.4
7650 B LED 13000-830...	63 272...	...51	...40	12300 lm	A++/A+/A	108	1475 x 127 x 68	4.4
Silver-grey								
7650 M-B LED 13000-840...	63 271...	...51	...40	12800 lm	A++/A+/A	108	1475 x 127 x 68	4.4
7650 M-B LED 13000-830...	63 273...	...51	...40	12300 lm	A++/A+/A	108	1475 x 127 x 68	4.4

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Narrow wide distribution gear tray

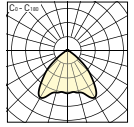


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
White								
7650 TB LED 4000-840...	62 411...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 TB LED 4000-830...	62 410...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 TB LED 5500-840...	62 413...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 TB LED 5500-830...	62 412...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 TB LED 6500-840...	62 415...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 TB LED 6500-830...	62 414...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 TB LED 8000-840...	63 714...	...51	...40	8300 lm	A++/A+/A	68	1475 x 63 x 63	1.9
7650 TB LED 8000-830...	63 712...	...51	...40	8000 lm	A++/A+/A	68	1475 x 63 x 63	1.9
Silver-grey								
7650 M-TB LED 4000-840...	62 403...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 M-TB LED 4000-830...	62 402...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 M-TB LED 5500-840...	62 405...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 M-TB LED 5500-830...	62 404...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 M-TB LED 6500-840...	62 407...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 M-TB LED 6500-830...	62 406...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 M-TB LED 8000-840...	63 706...	...51	...40	8300 lm	A++/A+/A	68	1475 x 63 x 63	1.9
7650 M-TB LED 8000-830...	63 704...	...51	...40	8000 lm	A++/A+/A	68	1475 x 63 x 63	1.9

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Narrow wide distribution gear tray for emergency lighting



Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
<b>Narrow wide distribution gear tray with individual battery supply for maintained operation*</b>								
White								
• 7650 TB LED 4000-840...EB3	62 435...	...51	...40	4300 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 TB LED 4000-830...EB3	62 434...	...51	...40	4100 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 TB LED 5500-840...EB3	62 437...	...51	...40	5500 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 TB LED 5500-830...EB3	62 436...	...51	...40	5200 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 TB LED 6500-840...EB3	62 439...	...51	...40	6500 lm	A++/A+/A	60	1475 x 63 x 63	2.7
7650 TB LED 6500-830...EB3	62 438...	...51	...40	6200 lm	A++/A+/A	60	1475 x 63 x 63	2.7
Silver-grey								
7650 M-TB LED 4000-840...EB3	62 427...	...51	...40	4300 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 M-TB LED 4000-830...EB3	62 426...	...51	...40	4100 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 M-TB LED 5500-840...EB3	62 429...	...51	...40	5500 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 M-TB LED 5500-830...EB3	62 428...	...51	...40	5200 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 M-TB LED 6500-840...EB3	62 431...	...51	...40	6500 lm	A++/A+/A	60	1475 x 63 x 63	2.7
7650 M-TB LED 6500-830...EB3	62 430...	...51	...40	6200 lm	A++/A+/A	60	1475 x 63 x 63	2.7

### Narrow wide distribution gear tray with switching relay for maintained operation\*

White								
7650 TB LED 4000-840...UR	62 459...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 TB LED 4000-830...UR	62 458...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 TB LED 5500-840...UR	62 461...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 TB LED 5500-830...UR	62 460...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 TB LED 6500-840...UR	62 463...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	2.0
7650 TB LED 6500-830...UR	62 462...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	2.0
Silver-grey								
7650 M-TB LED 4000-840...UR	62 451...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 M-TB LED 4000-830...UR	62 450...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 M-TB LED 5500-840...UR	62 453...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 M-TB LED 5500-830...UR	62 452...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 M-TB LED 6500-840...UR	62 455...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	2.0
7650 M-TB LED 6500-830...UR	62 454...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	2.0

A supplementary blanking piece is required for refurbishing obsolete TB systems. This must be ordered separately.

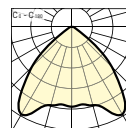
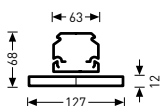
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

\*With the combination DALI + emergency light (EB and UR), special trunking (7LV + 5LV) must be requested from TRILUX.

The emergency light gear trays are not compatible with our Flex370 trunking.

• IK02/0.2 J 650 °C

## Narrow wide distribution gear tray

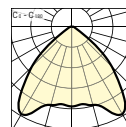
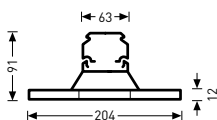


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
White								
• 7650 TB LED 13000-840...	63 274...	...51	...40	13000 lm	A++/A+/A	108	1475 x 127 x 68	4.4
7650 TB LED 13000-830...	63 276...	...51	...40	12400 lm	A++/A+/A	108	1475 x 127 x 68	4.4
Silver-grey								
7650 M-TB LED 13000-840...	63 275...	...51	...40	13000 lm	A++/A+/A	108	1475 x 127 x 68	4.4
7650 M-TB LED 13000-830...	63 277...	...51	...40	12400 lm	A++/A+/A	108	1475 x 127 x 68	4.4

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Narrow wide distribution gear tray

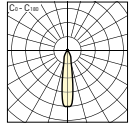


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
White								
• 7650 TB LED 20000-840...	63 286...	...51	...40	19500 lm	A++/A+/A	162	1475 x 204 x 91	6.8
7650 TB LED 20000-830...	63 288...	...51	...40	18600 lm	A++/A+/A	162	1475 x 204 x 91	6.8
Silver-grey								
7650 M-TB LED 20000-840...	63 287...	...51	...40	19500 lm	A++/A+/A	162	1475 x 204 x 91	6.8
7650 M-TB LED 20000-830...	63 289...	...51	...40	18600 lm	A++/A+/A	162	1475 x 204 x 91	6.8

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Narrow distribution gear tray

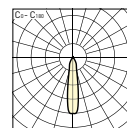


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 T LED 4000-840...	62 074...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 66	1.9
7650 T LED 4000-830...	62 073...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 66	1.9
7650 T LED 5500-840...	62 076...	...51	...40	5600 lm	A++/A+/A	43	1475 x 63 x 66	1.9
7650 T LED 5500-830...	62 075...	...51	...40	5300 lm	A++/A+/A	43	1475 x 63 x 66	1.9
7650 T LED 6500-840...	62 409...	...51	...40	6600 lm	A++/A+/A	54	1475 x 63 x 66	1.9
7650 T LED 6500-830...	62 408...	...51	...40	6300 lm	A++/A+/A	54	1475 x 63 x 66	1.9
7650 T LED 8000-840...	63 710...	...51	...40	8400 lm	A++/A+/A	68	1475 x 63 x 66	1.9
7650 T LED 8000-830...	63 708...	...51	...40	8100 lm	A++/A+/A	68	1475 x 63 x 66	1.9
Silver-grey								
7650 M-T LED 4000-840...	62 078...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 66	1.9
7650 M-T LED 4000-830...	62 077...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 66	1.9
7650 M-T LED 5500-840...	62 080...	...51	...40	5600 lm	A++/A+/A	43	1475 x 63 x 66	1.9
7650 M-T LED 5500-830...	62 079...	...51	...40	5300 lm	A++/A+/A	43	1475 x 63 x 66	1.9
7650 M-T LED 6500-840...	62 401...	...51	...40	6600 lm	A++/A+/A	54	1475 x 63 x 66	1.9
7650 M-T LED 6500-830...	62 400...	...51	...40	6300 lm	A++/A+/A	54	1475 x 63 x 66	1.9
7650 M-T LED 8000-840...	63 702...	...51	...40	8400 lm	A++/A+/A	68	1475 x 63 x 66	1.9
7650 M-T LED 8000-830...	63 700...	...51	...40	8100 lm	A++/A+/A	68	1475 x 63 x 66	1.9

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L/55, TOC 62 215 00; Silver-grey: 07650 M-B/L/55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Narrow distribution gear tray for emergency lighting



Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
<b>Narrow distribution gear tray with individual battery supply for maintained operation*</b>								
White								
7650 T LED 4000-840...EB3	62 082...	...51	...40	4300 lm	A++/A+/A	36	1475 x 63 x 66	2.7
7650 T LED 4000-830...EB3	62 081...	...51	...40	4100 lm	A++/A+/A	36	1475 x 63 x 66	2.7
7650 T LED 5500-840...EB3	62 084...	...51	...40	5600 lm	A++/A+/A	48	1475 x 63 x 66	2.7
7650 T LED 5500-830...EB3	62 083...	...51	...40	5300 lm	A++/A+/A	48	1475 x 63 x 66	2.7
7650 T LED 6500-840...EB3	62 433...	...51	...40	6600 lm	A++/A+/A	60	1475 x 63 x 66	2.7
7650 T LED 6500-830...EB3	62 432...	...51	...40	6300 lm	A++/A+/A	60	1475 x 63 x 66	2.7
Silver-grey								
7650 M-T LED 4000-840...EB3	62 086...	...51	...40	4300 lm	A++/A+/A	36	1475 x 63 x 66	2.7
7650 M-T LED 4000-830...EB3	62 085...	...51	...40	4100 lm	A++/A+/A	36	1475 x 63 x 66	2.7
7650 M-T LED 5500-840...EB3	62 088...	...51	...40	5600 lm	A++/A+/A	48	1475 x 63 x 66	2.7
7650 M-T LED 5500-830...EB3	62 087...	...51	...40	5300 lm	A++/A+/A	48	1475 x 63 x 66	2.7
7650 M-T LED 6500-840...EB3	62 425...	...51	...40	6600 lm	A++/A+/A	60	1475 x 63 x 66	2.7
7650 M-T LED 6500-830...EB3	62 424...	...51	...40	6300 lm	A++/A+/A	60	1475 x 63 x 66	2.7
<b>Narrow distribution gear tray with switching relay for maintained operation*</b>								
White								
7650 T LED 4000-840...UR	62 090...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 66	2.0
7650 T LED 4000-830...UR	62 089...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 66	2.0
7650 T LED 5500-840...UR	62 092...	...51	...40	5600 lm	A++/A+/A	43	1475 x 63 x 66	2.0
7650 T LED 5500-830...UR	62 091...	...51	...40	5300 lm	A++/A+/A	43	1475 x 63 x 66	2.0
7650 T LED 6500-840...UR	62 457...	...51	...40	6600 lm	A++/A+/A	54	1475 x 63 x 66	2.0
7650 T LED 6500-830...UR	62 456...	...51	...40	6300 lm	A++/A+/A	54	1475 x 63 x 66	2.0
Silver-grey								
7650 M-T LED 4000-840...UR	62 094...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 66	2.0
7650 M-T LED 4000-830...UR	62 093...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 66	2.0
7650 M-T LED 5500-840...UR	62 096...	...51	...40	5600 lm	A++/A+/A	43	1475 x 63 x 66	2.0
7650 M-T LED 5500-830...UR	62 095...	...51	...40	5300 lm	A++/A+/A	43	1475 x 63 x 66	2.0
7650 M-T LED 6500-840...UR	62 449...	...51	...40	6600 lm	A++/A+/A	54	1475 x 63 x 66	2.0
7650 M-T LED 6500-830...UR	62 448...	...51	...40	6300 lm	A++/A+/A	54	1475 x 63 x 66	2.0

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.

White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

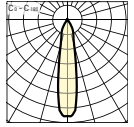
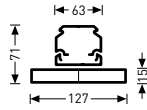
\*With the combination DALI + emergency light (EB and UR), special trunking (7LV + 5LV) must be requested from TRILUX.

The emergency light gear trays are not compatible with our Flex370 trunking.

• IK02/0.2 J 650 °C



## Narrow distribution gear tray

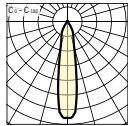
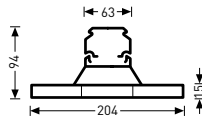


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 T LED 13000-840...	63 266...	...51	...40	13200 lm	A++/A+/A	108	1475 x 127 x 71	4.4
7650 T LED 13000-830...	63 268...	...51	...40	12600 lm	A++/A+/A	108	1475 x 127 x 71	4.4
Silver-grey								
7650 M-T LED 13000-840...	63 267...	...51	...40	13200 lm	A++/A+/A	108	1475 x 127 x 71	4.4
7650 M-T LED 13000-830...	63 269...	...51	...40	12600 lm	A++/A+/A	108	1475 x 127 x 71	4.4

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Narrow distribution gear tray

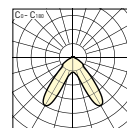


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 T LED 20000-840...	63 282...	...51	...40	19800 lm	A++/A+/A	162	1475 x 204 x 94	6.8
7650 T LED 20000-830...	63 284...	...51	...40	18900 lm	A++/A+/A	162	1475 x 204 x 94	6.8
Silver-grey								
7650 M-T LED 20000-840...	63 283...	...51	...40	19800 lm	A++/A+/A	162	1475 x 204 x 94	6.8
7650 M-T LED 20000-830...	63 285...	...51	...40	18900 lm	A++/A+/A	162	1475 x 204 x 94	6.8

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Gear tray, double asymmetric distribution

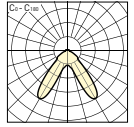


Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
White								
7650 DA LED 4000-840...	62 122...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 DA LED 4000-830...	62 121...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 DA LED 5500-840...	62 124...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 DA LED 5500-830...	62 123...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 DA LED 6500-840...	62 395...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 DA LED 6500-830...	62 394...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 DA LED 8000-840...	63 690...	...51	...40	8300 lm	A++/A+/A	68	1475 x 63 x 63	1.9
7650 DA LED 8000-830...	63 688...	...51	...40	8000 lm	A++/A+/A	68	1475 x 63 x 63	1.9
Silver-grey								
7650 M-DA LED 4000-840...	62 126...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 M-DA LED 4000-830...	62 125...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	1.9
7650 M-DA LED 5500-840...	62 128...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 M-DA LED 5500-830...	62 127...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	1.9
7650 M-DA LED 6500-840...	62 399...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 M-DA LED 6500-830...	62 398...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	1.9
7650 M-DA LED 8000-840...	63 698...	...51	...40	8300 lm	A++/A+/A	68	1475 x 63 x 63	1.9
7650 M-DA LED 8000-830...	63 696...	...51	...40	8000 lm	A++/A+/A	68	1475 x 63 x 63	1.9

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Double asymmetric distribution gear tray for emergency lighting



Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
<b>Double asymmetric distribution gear tray with individual battery supply for maintained operation*</b>								
White								
• 7650 DA LED 4000-840...EB3	62 130...	...51	...40	4300 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 DA LED 4000-830...EB3	62 129...	...51	...40	4100 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 DA LED 5500-840...EB3	62 132...	...51	...40	5500 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 DA LED 5500-830...EB3	62 131...	...51	...40	5200 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 DA LED 6500-840...EB3	62 419...	...51	...40	6500 lm	A++/A+/A	60	1475 x 63 x 63	2.7
7650 DA LED 6500-830...EB3	62 418...	...51	...40	6200 lm	A++/A+/A	60	1475 x 63 x 63	2.7
Silver-grey								
7650 M-DA LED 4000-840...EB3	62 134...	...51	...40	4300 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 M-DA LED 4000-830...EB3	62 133...	...51	...40	4100 lm	A++/A+/A	36	1475 x 63 x 63	2.7
7650 M-DA LED 5500-840...EB3	62 136...	...51	...40	5500 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 M-DA LED 5500-830...EB3	62 135...	...51	...40	5200 lm	A++/A+/A	48	1475 x 63 x 63	2.7
7650 M-DA LED 6500-840...EB3	62 423...	...51	...40	6500 lm	A++/A+/A	60	1475 x 63 x 63	2.7
7650 M-DA LED 6500-830...EB3	62 422...	...51	...40	6200 lm	A++/A+/A	60	1475 x 63 x 63	2.7

<b>Double asymmetric distribution gear tray with switching relay for maintained operation*</b>								
White								
7650 DA LED 4000-840...UR	62 138...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 DA LED 4000-830...UR	62 137...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 DA LED 5500-840...UR	62 140...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 DA LED 5500-830...UR	62 139...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 DA LED 6500-840...UR	62 443...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	2.0
7650 DA LED 6500-830...UR	62 442...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	2.0
Silver-grey								
7650 M-DA LED 4000-840...UR	62 142...	...51	...40	4300 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 M-DA LED 4000-830...UR	62 141...	...51	...40	4100 lm	A++/A+/A	32	1475 x 63 x 63	2.0
7650 M-DA LED 5500-840...UR	62 144...	...51	...40	5500 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 M-DA LED 5500-830...UR	62 143...	...51	...40	5200 lm	A++/A+/A	43	1475 x 63 x 63	2.0
7650 M-DA LED 6500-840...UR	62 447...	...51	...40	6500 lm	A++/A+/A	54	1475 x 63 x 63	2.0
7650 M-DA LED 6500-830...UR	62 446...	...51	...40	6200 lm	A++/A+/A	54	1475 x 63 x 63	2.0

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.

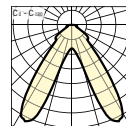
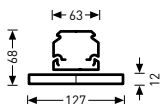
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.


\*With the combination DALI + emergency light (EB and UR), special trunking (7LV + 5LV) must be requested from TRILUX.

The emergency light gear trays are not compatible with our Flex370 trunking.

• IK02/0.2 J 650 °C

## Gear tray, double asymmetric distribution

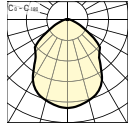
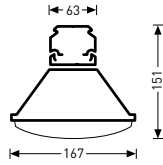







Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
White								
• <b>7650 DA LED 13000-840...</b>	63 278...	... <b>51</b>	... <b>40</b>	13000 lm	A++/A+/A	108	1475 x 127 x 68	4.4
<b>7650 DA LED 13000-830...</b>	63 280...	... <b>51</b>	... <b>40</b>	12400 lm	A++/A+/A	108	1475 x 127 x 68	4.4
Silver-grey								
<b>7650 M-DA LED 13000-840...</b>	63 279...	... <b>51</b>	... <b>40</b>	13000 lm	A++/A+/A	108	1475 x 127 x 68	4.4
<b>7650 M-DA LED 13000-830...</b>	63 281...	... <b>51</b>	... <b>40</b>	12400 lm	A++/A+/A	108	1475 x 127 x 68	4.4


A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK02/0.2 J 650 °C

## Gear tray with IP54 prismatic diffuser, symmetric wide distribution



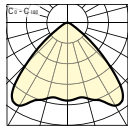
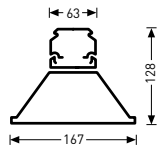
     Protection rating in lamp compartment IP54






Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 P LED 7500-840...IP54	63 292...	...51	...40	7700 lm	A++/A+/A	87	1475 x 167 x 151	6.5


A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK06/1 J 650 °C

## Gear tray with IP54 prismatic diffuser, symmetric wide distribution



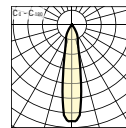
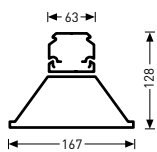
     Protection rating in lamp compartment IP54




Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
White								
• 7650 TB LED 7500-840...IP54	63 291...	...51	...40	7600 lm	A++/A+/A	64	1475 x 167 x 128	5.7


Note: This product is HACCP certified.  
A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK06/1 J 650 °C

## Gear tray, narrow distribution, IP54



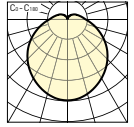




 Protection rating in lamp compartment IP54

Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	≈kg
White								
• <b>7650 T LED 7500-840...IP54</b>	63 290...	... <b>51</b>	... <b>40</b>	7700 lm	A++/A+/A	64	1475 x 167 x 128	5.7

Note: This product is HACCP certified.  
 A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

• IK06/1 J 650 °C

## Gear tray 7650 OT







Reference	TOC	...ETDD	...ET		EEC	W	L x W x H mm	=kg
<b>Gear tray OT</b>								
White								
• 7650 OT LED 4000-840...	63 959...	...51	...40	4200 lm	A++/A+/A	32	1475 x 63 x 90	2.1
7650 OT LED 4000-830...	63 960...	...51	...40	4000 lm	A++/A+/A	32	1475 x 63 x 90	2.1
7650 OT LED 5500-840...	63 971...	...51	...40	5900 lm	A++/A+/A	50	1475 x 63 x 90	2.1
7650 OT LED 5500-830...	63 972...	...51	...40	5600 lm	A++/A+/A	50	1475 x 63 x 90	2.1
Silver-grey								
7650 M-OT LED 4000-840...	63 961...	...51	...40	4200 lm	A++/A+/A	32	1475 x 63 x 90	2.1
7650 M-OT LED 4000-830...	63 962...	...51	...40	4000 lm	A++/A+/A	32	1475 x 63 x 90	2.1
7650 M-OT LED 5500-840...	63 973...	...51	...40	5900 lm	A++/A+/A	50	1475 x 63 x 90	2.1
7650 M-OT LED 5500-830...	63 974...	...51	...40	5600 lm	A++/A+/A	50	1475 x 63 x 90	2.1
<b>Gear tray OT with individual battery supply for maintained operation*</b>								
White								
7650 OT LED 4000-840...EB3	63 963...	...51	...40	4200 lm	A++/A+/A	36	1475 x 63 x 90	2.2
7650 OT LED 4000-830...EB3	63 964...	...51	...40	4000 lm	A++/A+/A	36	1475 x 63 x 90	2.2
7650 OT LED 5500-840...EB3	63 975...	...51	...40	5900 lm	A++/A+/A	55	1475 x 63 x 90	2.2
7650 OT LED 5500-830...EB3	63 976...	...51	...40	5600 lm	A++/A+/A	55	1475 x 63 x 90	2.2
Silver-grey								
7650 M-OT LED 4000-840...EB3	63 965...	...51	...40	4200 lm	A++/A+/A	36	1475 x 63 x 90	2.2
7650 M-OT LED 4000-830...EB3	63 966...	...51	...40	4000 lm	A++/A+/A	36	1475 x 63 x 90	2.2
7650 M-OT LED 5500-840...EB3	63 977...	...51	...40	5900 lm	A++/A+/A	55	1475 x 63 x 90	2.2
7650 M-OT LED 5500-830...EB3	63 978...	...51	...40	5600 lm	A++/A+/A	55	1475 x 63 x 90	2.2
<b>Gear tray OT with switching relay for maintained operation*</b>								
White								
7650 OT LED 4000-840...UR	63 967...	...51	...40	4200 lm	A++/A+/A	32	1475 x 63 x 90	2.6
7650 OT LED 4000-830...UR	63 968...	...51	...40	4000 lm	A++/A+/A	32	1475 x 63 x 90	2.6
7650 OT LED 5500-840...UR	63 979...	...51	...40	5900 lm	A++/A+/A	50	1475 x 63 x 90	2.6
7650 OT LED 5500-830...UR	63 980...	...51	...40	5600 lm	A++/A+/A	50	1475 x 63 x 90	2.6
Silver-grey								
7650 M-OT LED 4000-840...UR	63 969...	...51	...40	4200 lm	A++/A+/A	32	1475 x 63 x 90	2.6
7650 M-OT LED 4000-830...UR	63 970...	...51	...40	4000 lm	A++/A+/A	32	1475 x 63 x 90	2.6
7650 M-OT LED 5500-840...UR	63 981...	...51	...40	5900 lm	A++/A+/A	50	1475 x 63 x 90	2.6
7650 M-OT LED 5500-830...UR	63 982...	...51	...40	5600 lm	A++/A+/A	50	1475 x 63 x 90	2.6

A supplementary blanking piece is required for refurbishing obsolete T8 systems. This must be ordered separately.  
 White: 07650 B/L55, TOC 62 215 00; Silver-grey: 07650 M-B/L55, TOC 62 216 00.

\*With the combination DALI + emergency light (EB and UR), special trunking (7LV + 5LV) must be requested from TRILUX.  
 OT gear trays are not compatible with our Flex370 trunking.

• IK02/0.2 J 650 °C

## Brief overview of E-Line LED optics

		LED gear tray				
		white ...without M		silver ...M		
		switchable ...ET	DALI dimmable ...ETDD	switchable ...ET	DALI dimmable ...ETDD	
 <p><b>B</b> wide distribution</p>	Luminous flux 4000 lm	Light colour 4000 K	62 098 40	62 098 51	62 102 40	62 102 51
		Light colour 3000 K	62 097 40	62 097 51	62 101 40	62 101 51
	Luminous flux 5500 lm	Light colour 4000 K	62 100 40	62 100 51	62 104 40	62 104 51
		Light colour 3000 K	62 099 40	62 099 51	62 103 40	62 103 51
	Luminous flux 6500 lm	Light colour 4000 K	62 393 40	62 393 51	62 397 40	62 397 51
		Light colour 3000 K	62 392 40	62 392 51	62 396 40	62 396 51
Luminous flux 8000 lm	Light colour 4000 K	63 686 40	63 686 51	63 694 40	63 694 51	
	Light colour 3000 K	63 684 40	63 684 51	63 692 40	63 692 51	
Luminous flux 13000 lm	Light colour 4000 K	63 270 40	63 270 51	63 271 40	63 271 51	
	Light colour 3000 K	63 272 40	63 272 51	63 273 40	63 273 51	
 <p><b>TB</b> narrow wide distribution</p>	Luminous flux 4000 lm	Light colour 4000 K	62 411 40	62 411 51	62 403 40	62 403 51
		Light colour 3000 K	62 410 40	62 410 51	62 402 40	62 402 51
	Luminous flux 5500 lm	Light colour 4000 K	62 413 40	62 413 51	62 405 40	62 405 51
		Light colour 3000 K	62 412 40	62 412 51	62 404 40	62 404 51
	Luminous flux 6500 lm	Light colour 4000 K	62 415 40	62 415 51	62 407 40	62 407 51
		Light colour 3000 K	62 414 40	62 414 51	62 406 40	62 406 51
	Luminous flux 8000 lm	Light colour 4000 K	63 714 40	63 714 51	63 706 40	63 706 51
		Light colour 3000 K	63 712 40	63 712 51	63 704 40	63 704 51
	Luminous flux 13000 lm	Light colour 4000 K	63 274 40	63 274 51	63 275 40	63 275 51
		Light colour 3000 K	63 276 40	63 276 51	63 277 40	63 277 51
	Luminous flux 20000 lm	Light colour 4000 K	63 286 40	63 286 51	63 287 40	63 287 51
		Light colour 3000 K	63 288 40	63 288 51	63 289 40	63 289 51
 <p><b>T</b> narrow distribution</p>	Luminous flux 4000 lm	Light colour 4000 K	62 074 40	62 074 51	62 078 40	62 078 51
		Light colour 3000 K	62 073 40	62 073 51	62 077 40	62 077 51
	Luminous flux 5500 lm	Light colour 4000 K	62 076 40	62 076 51	62 080 40	62 080 51
		Light colour 3000 K	62 075 40	62 075 51	62 079 40	62 079 51
	Luminous flux 6500 lm	Light colour 4000 K	62 409 40	62 409 51	62 401 40	62 401 51
		Light colour 3000 K	62 408 40	62 408 51	62 400 40	62 400 51
	Luminous flux 8000 lm	Light colour 4000 K	63 710 40	63 710 51	63 702 40	63 702 51
		Light colour 3000 K	63 708 40	63 708 51	63 700 40	63 700 51
	Luminous flux 13000 lm	Light colour 4000 K	63 266 40	63 266 51	63 267 40	63 267 51
		Light colour 3000 K	63 268 40	63 268 51	63 269 40	63 269 51
	Luminous flux 20000 lm	Light colour 4000 K	63 282 40	63 282 51	63 283 40	63 283 51
		Light colour 3000 K	63 284 40	63 284 51	63 285 40	63 285 51
 <p><b>DA</b> double asymmetric</p>	Luminous flux 4000 lm	Light colour 4000 K	62 122 40	62 122 51	62 126 40	62 126 51
		Light colour 3000 K	62 121 40	62 121 51	62 125 40	62 125 51
	Luminous flux 5500 lm	Light colour 4000 K	62 124 40	62 124 51	62 128 40	62 128 51
		Light colour 3000 K	62 123 40	62 123 51	62 127 40	62 127 51
	Luminous flux 6500 lm	Light colour 4000 K	62 395 40	62 395 51	62 399 40	62 399 51
		Light colour 3000 K	62 394 40	62 394 51	62 398 40	62 398 51
	Luminous flux 8000 lm	Light colour 4000 K	63 690 40	63 690 51	63 698 40	63 698 51
		Light colour 3000 K	63 688 40	63 688 51	63 696 40	63 696 51
	Luminous flux 13000 lm	Light colour 4000 K	63 278 40	63 278 51	63 279 40	63 279 51
		Light colour 3000 K	63 280 40	63 280 51	63 281 40	63 281 51

See pages 521-523 for IP54 and OT variants.



LED gear tray with 3h individual battery				LED gear tray with switching relay			
white ...without M		silver ...M		white ...without M		silver ...M	
switchable ...ET	DALI dimmable ...ETDD	switchable ...ET	DALI dimmable ...ETDD	switchable ...ET	DALI dimmable ...ETDD	switchable ...ET	DALI dimmable ...ETDD
62 106 40	62 106 51	62 110 40	62 110 51	62 114 40	62 114 51	62 118 40	62 118 51
62 105 40	62 105 51	62 109 40	62 109 51	62 113 40	62 113 51	62 117 40	62 117 51
62 108 40	62 108 51	62 112 40	62 112 51	62 116 40	62 116 51	62 120 40	62 120 51
62 107 40	62 107 51	62 111 40	62 111 51	62 115 40	62 115 51	62 119 40	62 119 51
62 417 40	62 417 51	62 421 40	62 421 51	62 441 40	62 441 51	62 445 40	62 445 51
62 416 40	62 416 51	62 420 40	62 420 51	62 440 40	62 440 51	62 444 40	62 444 51
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
62 435 40	62 435 51	62 427 40	62 427 51	62 459 40	62 459 51	62 451 40	62 451 51
62 434 40	62 434 51	62 426 40	62 426 51	62 458 40	62 458 51	62 450 40	62 450 51
62 437 40	62 437 51	62 429 40	62 429 51	62 461 40	62 461 51	62 453 40	62 453 51
62 436 40	62 436 51	62 428 40	62 428 51	62 460 40	62 460 51	62 452 40	62 452 51
62 439 40	62 439 51	62 431 40	62 431 51	62 463 40	62 463 51	62 455 40	62 455 51
62 438 40	62 438 51	62 430 40	62 430 51	62 462 40	62 462 51	62 454 40	62 454 51
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
62 082 40	62 082 51	62 086 40	62 086 51	62 090 40	62 090 51	62 094 40	62 094 51
62 081 40	62 081 51	62 085 40	62 085 51	62 089 40	62 089 51	62 093 40	62 093 51
62 084 40	62 084 51	62 088 40	62 088 51	62 092 40	62 092 51	62 096 40	62 096 51
62 083 40	62 083 51	62 087 40	62 087 51	62 091 40	62 091 51	62 095 40	62 095 51
62 433 40	62 433 51	62 425 40	62 425 51	62 457 40	62 457 51	62 449 40	62 449 51
62 432 40	62 432 51	62 424 40	62 424 51	62 456 40	62 456 51	62 448 40	62 448 51
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-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
62 130 40	62 130 51	62 134 40	62 134 51	62 138 40	62 138 51	62 142 40	62 142 51
62 129 40	62 129 51	62 133 40	62 133 51	62 137 40	62 137 51	62 141 40	62 141 51
62 132 40	62 132 51	62 136 40	62 136 51	62 140 40	62 140 51	62 144 40	62 144 51
62 131 40	62 131 51	62 135 40	62 135 51	62 139 40	62 139 51	62 143 40	62 143 51
62 419 40	62 419 51	62 423 40	62 423 51	62 443 40	62 443 51	62 447 40	62 447 51
62 418 40	62 418 51	62 422 40	62 422 51	62 442 40	62 442 51	62 446 40	62 446 51
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

## Reflector, asymmetric SA



Reference	TOC	Description	≈kg
<b>07650 SA-Ag/LED</b>	63 025 00	Asymmetric reflector, 1 piece, white-coated aluminium, including mounting accessory and cover for seamless connection of reflectors with trunking applications	0.3

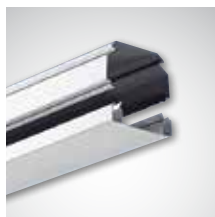
## 3-circuit track module



Reference	TOC	Description	L (mm)	≈kg
White				
<b>7650 AD-35</b>	59 191 00	1 piece, white, for euro adapter	1,475	1.8
Silver-grey				
<b>7650 M-AD-35</b>	59 192 00	1 piece, silver-grey, for euro adapter	1,475	1.8

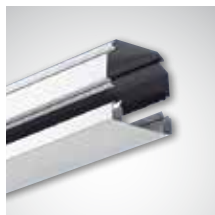
Spots in image are not included in the scope of supply

## IP20 blanking covers



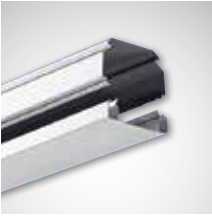
Reference	TOC	Description	≈kg
White			
<b>07650 B/28</b>	59 226 00	1 piece, length 1175 mm	0.2
<b>07650 B/28 PC</b>	59 227 00	1 piece, length 1175 mm, made of polycarbonate	0.3
<b>07650 B/35</b>	59 228 00	1 piece, length 1475 mm	0.3
<b>07650 B/35 PC</b>	59 229 00	1 piece, length 1475 mm, made of polycarbonate	0.2
Silver-grey			
<b>07650 M-B/28</b>	59 230 00	1 piece, length 1175 mm	0.2
<b>07650 M-B/28 PC</b>	59 231 00	1 piece, length 1175 mm, made of polycarbonate	0.3
<b>07650 M-B/35</b>	59 232 00	1 piece, length 1475 mm	0.2
<b>07650 M-B/35 PC</b>	59 233 00	1 piece, length 1475 mm, made of polycarbonate	0.3

## Blanking covers for refurbishing old T8 systems



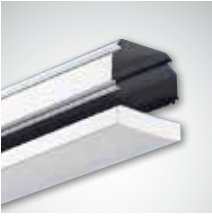
Reference	TOC	Description	≈kg
White			
<b>07650 B/L55</b>	62 215 00	1 piece, length 55 mm	0.1
Silver-grey			
<b>07650 M-B/L55</b>	62 216 00	1 piece, length 55 mm	0.1

## IP20 blanking covers for Flex 370



Reference	TOC	Description	=kg
White			
<b>07650 B/L1110</b>	60 418 00	1 piece, length 1110 mm	0.2
<b>07650 B/L740</b>	60 417 00	1 piece, length 740 mm	0.1
<b>07650 B/L370</b>	60 416 00	1 piece, length 370 mm	0.1

## IP50 blanking covers



Reference	TOC	Description	=kg
White			
<b>07650 B/35 IP50</b>	63 677 00	1 piece, length 1475 mm	0.4

## IP20 trunking end caps



Reference	TOC	Description	=kg
White			
<b>07690 E-R</b>	21 947 00	1 piece, white	0.1
<b>07690 E-R PC</b>	21 948 00	1 piece, white, made of polycarbonate	0.1
Silver-grey			
<b>07690 M-E-R</b>	43 742 00	1 piece, silver-grey	0.1
<b>07690 M-E-R PC</b>	43 743 00	1 piece, silver-grey, made of polycarbonate	0.1
For trapezoid reflector, white			
<b>07690 E-T</b>	21 949 00	1 piece, white for trapezoid reflectors	0.1
<b>07690 E-T PC</b>	21 950 00	1 piece, polycarbonate, white, for trapezoid reflectors	0.1

### IP50 trunking end caps



Reference	TOC	Description	≈kg
White			
<b>07680 E-R IP50</b>	21 886 00	1 piece, white	0.1

### IP50 coupling sealing



Reference	TOC	Description	≈kg
White			
<b>07680 KD IP50</b>	21 887 00	1 set, internal, not externally visible	0.1

### Light management



Reference	TOC	Description	≈kg
<b>7650 +ActiM2</b>	63 048 00	7650 gear tray with integrated ActiLume DALI controller and sensor for mounting heights upto max. 5 metres, white	1.2
<b>7650 +ActiS2</b>	63 049 00	7650 gear tray with integrated ActiLume DALI expansion sensor for mounting heights upto max. 5 metres, white	1.2
<b>7650 +ActiM2 HB</b>	63 050 00	7650 gear tray with integrated ActiLume DALI controller and sensor for mounting heights of 5-15 metres, white	1.2

## Other accessories and fixing components



Reference	TOC	Description	=kg
Wire and chain suspensions			
<b>A 01 DSX</b>	22 296 00	1 piece, decorative wire suspension, length 1500 mm	0.3
<b>A 01 SX</b>	22 307 00	1 piece, wire suspension with suspension clamp, length 1500 mm	0.1
<b>A 01 KX</b>	22 301 00	1 piece, wire suspension, with turnbuckle and suspension clamp, E 03 KX	0.3

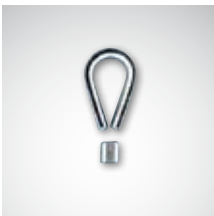


Reference	TOC	Description	=kg
Wire suspensions			
<b>A 01 DSX D</b>	60 559 00	1 piece, decorative wire suspension, steel wire, galvanised, 1.75 mm, length 1500 mm, with ERS turnbuckle and thread with dowel. Wire length freely adjustable without tools*	0.1
<b>A 01 DSX K</b>	60 558 00	1 piece, decorative wire suspension, galvanised, 1.75 mm, length 1500 mm, with ERS turnbuckle and spring hook. Wire length freely adjustable without tools*	0.1
<b>A 01 DSX T</b>	60 560 00	1 piece, decorative wire suspension, consisting of steel wire, galvanised, 1.75 mm, length 1500 mm, with ERS turnbuckle and trapezoid bracket. Wire length freely adjustable without tools*	0.1

\*The suspension clamp E 03 KX (TOC 23 428 00) must be ordered separately



Reference	TOC	Description	=kg
Pendant suspensions			
<b>A 01 PX</b>	29 283 00	1 piece, pendant suspension, white, length 1500 mm	0.5
<b>A 01 M-PX</b>	45 379 00	1 piece, pendant suspension, silver-grey, length 1500 mm	0.5



Reference	TOC	Description	=kg
Wire accessories			
<b>E 07</b>	23 438 00	1 set (12 pcs.), for wire suspensions with E 06 and E 03 SX	0.1

## Other accessories and fixing components



Reference	TOC	Description	≈kg
Suspension clamps			
<b>E 03 KX</b>	23 428 00	1 piece, suspension clamp for chain suspensions	0.1
<b>E 03 SKX</b>	61 889 00	1 piece, height-adjustable chain suspension	0.1
<b>E 03 SX</b>	23 432 00	1 piece, suspension clamp for wire suspensions together with E 06 and E 07	0.1



Reference	TOC	Description	≈kg
Fixing clamps			
<b>D 01 X</b>	23 212 00	1 piece, fixing clamp for direct ceiling mounting	0.1



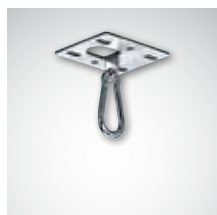
Reference	TOC	Description	≈kg
Link chain			
<b>E 04</b>	23 434 00	Length 20 m, can be cut to suit on-site	4.5



Reference	TOC	Description	≈kg
Steel wire			
<b>E 06</b>	23 437 00	20 m long, with instant glue for fixing wire ends	0.3



Reference	TOC	Description	≈kg
Turnbuckle			
<b>E 05 N</b>	23 436 00	1 piece, with spring hook	0.1



Reference	TOC	Description	≈kg
Ceiling mounting plate			
<b>E 01</b>	23 420 00	1 piece ceiling mounting plate with spring hook	0.2

## Other accessories and fixing components

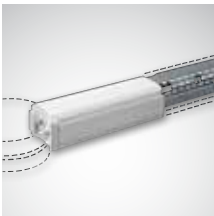


Reference	TOC	Description	=kg
Nodes			
<b>A 03 D</b>	22 315 00	1 piece, node, white	0.5
<b>A 03 M-D</b>	45 377 00	1 piece, node, silver-grey	0.5



Reference	TOC	Description	=kg
Nodes			
<b>A 03 S</b>	29 284 00	1 piece, node with wire suspension, white	0.6
<b>A 03 M-S</b>	45 375 00	1 piece, node with wire suspension, silver-grey	0.6

## Node adapters



Reference	TOC	Description	=kg
<b>07690 KA/7LV</b>	21 951 00	1 piece, node adapter, white, with 7LV	0.7
<b>07690 KA/7LV 2.5</b>	46 672 00	1 piece, node adapter, white, with 7LV, 2.5 mm <sup>2</sup>	0.8
<b>07690 M-KA/7LV</b>	45 378 00	1 piece, node adapter, silver-grey, with 7LV	0.7
<b>07690 M-KA/7LV 2.5</b>	46 671 00	1 piece, node adapter, silver-grey, with 7LV, 2.5 mm <sup>2</sup>	0.8

## Ceiling rose/supply tubes

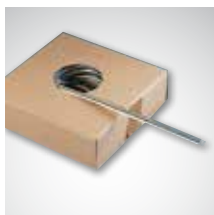


Reference	TOC	Description	=kg
<b>05900 AN</b>	21 726 00	1 piece, ceiling rose with wire outlet	0.1
<b>05000 ZR</b>	21 525 00	1 piece, supply tube, length 1000 mm	0.1
<b>05000 ZR/2m</b>	21 526 00	1 piece, supply tube, length 2000 mm	0.2

## Ribbon cable wiring/single core wiring



Reference	TOC	Description	≈kg
07690/5LV/46m	21 891 00	Ribbon cable wiring, 5-core, for freely definable luminaire spacing	5.0
07690/7LV/46m	21 895 00	Ribbon cable wiring, 7-core, for freely definable luminaire spacing	5.0



Reference	TOC	Description	≈kg
07690/5LV/25m	21 890 00	5 coloured, heat-resistant individual wires, length 25 m	2.5

## Through-wiring

Reference	TOC	Description	≈kg
5LV wiring			
07690/5LV-36/37m	21 892 00	length 37 m, with female connector at 1230 mm distances for 28, 36, 54 W, cable cross section 1.5 mm <sup>2</sup>	4.1
07690/5LV-36/37m 2.5	46 667 00	length 37 m, with female connector at 1230 mm distances for 28, 36, 54 W, cable cross section 2.5 mm <sup>2</sup>	4.1
07690/5LV-58/46m	21 894 00	length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.0
07690/5LV-58/46m 2.5	46 668 00	length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 2.5 mm <sup>2</sup>	5.0
07690/5LV-510/46m	21 893 00	length 46 m, with female connector at 510 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.5
7LV wiring			
07690/7LV-58/46m	21 897 00	length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.2
07690/7LV-58/46m 2.5	46 669 00	length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 2.5 mm <sup>2</sup>	5.2
07690/7LV-510/46m	21 896 00	length 46 m, with female connector at 510 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.6
07690/7LV-510/46m 2.5	30 006 00	length 46 m, with female connector at 510 mm distances for 35, 49, 58, 80 W, cable cross section 2.5 mm <sup>2</sup>	9.0

## Cable restraints



Reference	TOC	Description	≈kg
07690 LHA	21 952 00	1 piece, outer	0.1
07690 LHI	21 953 00	Set of 10, inner	0.1



## Female connectors



Reference	TOC	Description	=kg
07690 SK	21 959 00	1 piece, for ribbon cable wiring	0.1



Reference	TOC	Description	=kg
07690 TO	21 967 00	1 piece, for electrical contact of single wires	0.1

## Wiring connector



Reference	TOC	Description	=kg
07690 VV	21 973 00	1 piece, 7-pole plug/socket pair	0.1

## Technical information E-Line LED

### Luminaire data

	wide distribution	narrow-wide distribution	narrow distribution	double asymmetric distribution
<b>Code</b>	<b>B</b>	<b>TB</b>	<b>T</b>	<b>DA</b>
<b>Protection rating</b>	IP20	IP20	IP20	IP20
<b>Connected load</b>	- 108 W (at 13000 lm) 63 W (at 8000 lm) 48 W (at 6500 lm) 39 W (at 5500 lm) 29 W (at 4000 lm)	162 W (at 20000 lm) 108 W (at 13000 lm) 68 W (at 8000 lm) 54 W (at 6500 lm) 43 W (at 5500 lm) 32 W (at 4000 lm)	162 W (at 20000 lm) 108 W (at 13000 lm) 68 W (at 8000 lm) 54 W (at 6500 lm) 43 W (at 5500 lm) 32 W (at 4000 lm)	- 108 W (at 13000 lm) 68 W (at 8000 lm) 54 W (at 6500 lm) 43 W (at 5500 lm) 32 W (at 4000 lm)
<b>Luminous flux</b>	- 13000 lm 8000 lm 6500 lm 5500 lm 4000 lm	20000 lm 13000 lm 8000 lm 6500 lm 5500 lm 4000 lm	20000 lm 13000 lm 8000 lm 6500 lm 5500 lm 4000 lm	- 13000 lm 8000 lm 6500 lm 5500 lm 4000 lm
<b>Colour rendering</b>	840 (Ra > 80, 4000 K)	840 (Ra > 80, 4000 K)	840 (Ra > 80, 4000 K)	840 (Ra > 80, 4.000 K)
<b>Colour temperature</b>	830 (Ra > 80, 3000 K)	830 (Ra > 80, 3000 K)	830 (Ra > 80, 3000 K)	830 (Ra > 80, 3000 K)
<b>Control units</b>	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable
<b>Service life</b>	50,000 h, L80/B10, ta 50 °C (at 4000 lm) 50,000 h, L80/B10, ta 45 °C (at 5500 lm) 50,000 h, L80/B10, ta 40 °C (at 6500 lm) 50,000 h, L80/B10, ta 35 °C (at 8000 and 13000 lm)	50,000 h, L80/B10, ta 45 °C (at 4000 lm) 50,000 h, L80/B10, ta 40 °C (at 5500 lm) 50,000 h, L80/B10, ta 35 °C (at 6500 lm, 13000 lm and 20000 lm) 50,000 h, L80/B10, ta 25 °C (at 8000 lm)	50,000 h, L80/B10, ta 45 °C (at 4000 lm) 50,000 h, L80/B10, ta 40 °C (at 5500 lm) 50,000 h, L80/B10, ta 35 °C (at 6500 lm, 13000 lm and 20000 lm) 50,000 h, L80/B10, ta 25 °C (at 8000 lm)	50,000 h, L80/B10, ta 45 °C (at 4000 lm) 50,000 h, L80/B10, ta 40 °C (at 5500 lm) 50,000 h, L80/B10, ta 35 °C (at 6500 lm and 13000 lm) 50,000 h, L80/B10, ta 25 °C (at 8000 lm)
<b>Colour</b>	white – without M silber – M	white – without M silber – M	white – without M silber – M	white – without M silber – M
<b>Certification</b>	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI
	<b>symmetric wide distribution</b>	<b>narrow-wide distribution</b>	<b>narrow distribution</b>	<b>symmetric wide distribution</b>
<b>Code</b>	<b>P</b>	<b>TB</b>	<b>T</b>	<b>OT</b>
<b>Protection rating</b>	Lamp compartment IP54	Lamp compartment IP54	Lamp compartment IP54	IP20
<b>Connected load</b>	87 W	64 W	64 W	50 W (at 5500 lm) 32 W (at 4000 lm)
<b>Luminous flux</b>	7500 lm	7500 lm	7500 lm	5500 lm 4000 lm
<b>Colour rendering/ colour temperature</b>	840 (Ra > 80, 4000 K)	840 (Ra > 80, 4000 K)	840 (Ra > 80, 4000 K)	840 (Ra > 80, 4000 K) 830 (Ra > 80, 3000 K)
<b>Control units</b>	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable
<b>Service life</b>	50,000 h, L80/B50, ta 25 °C	50,000 h, L80/B10, ta 40 °C	50,000 h, L80/B10, ta 40 °C	50,000 h, L80/B10, ta 35 °C
<b>Colour</b>	white	white	white	white – without M silber – M
<b>Certification</b>	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI	ENEC, VDE, CE, SKI

## Maximum number of gear trays per circuit for various automatic circuit breakers

Cable cross-section	Fusing	Automatic circuit breaker	Number of gear trays on one circuit
2.5 mm <sup>2</sup>	16 A	Type B	20 pieces
2.5 mm <sup>2</sup>	16 A	Type C	32 pieces
1.5 mm <sup>2</sup>	0.4	Type B	12 pieces
1.5 mm <sup>2</sup>	0.4	Type C	20 pieces

## Planning example

Continuous line length  m	Modules  Quantity	Trunking 07650...		Fixing points  Quantity
		.../II/35-U .../II/35-5 LV .../II/35-7 LV  Pieces	.../III/35-U .../III/35-5 LV .../III/35-7 LV  Pieces	
2.96	2	1	-	2
4.44	3	-	1	3
5.91	4	2	-	3
7.39	5	1	1	4
8.86	6	-	2	5
10.34	7	2	1	5
11.81	8	1	2	6
13.29	9	-	3	7
14.76	10	2	2	7
16.24	11	1	3	8
17.71	12	-	4	8
19.19	13	2	3	9
20.66	14	1	4	9
22.14	15	-	5	10
23.61	16	2	4	11
25.09	17	1	5	11
26.56	18	-	6	12
28.04	19	2	5	12
29.51	20	1	6	13

### Suspension spacings

E-Line enables suspension spacings upto 2500 mm. Reduced distances partly applicable only at nodes. Fundamentally, an overhang at the continuous line ends of at least 50 mm to a maximum of 500 mm must be ensured.

## E-LINE T5N

LED CONTINUOUS LINE  
LUMINAIRE



## LIGHT IN A NEW DIMENSION

- Highly flexible, modular kit with either direct-indirect or purely direct light.
- Integration of mounting rail, gear tray and optic in the luminaire cuts installation time by 50%.
- Compact 1-metre elements ensure more flexibility with planning and simplify handling.

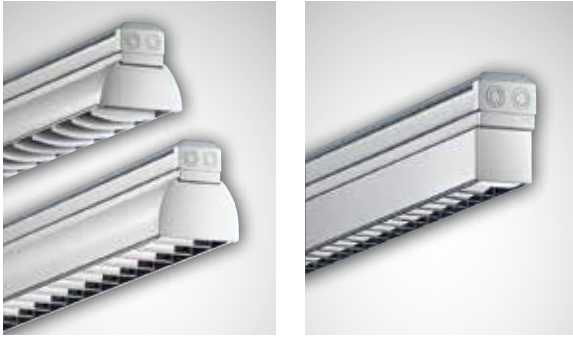


Switchable and dimmable (DALI), switchable



Emergency light version with individual battery, 3 hours, switching relay for emergency power supply systems

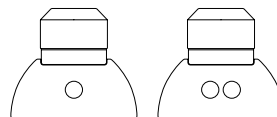
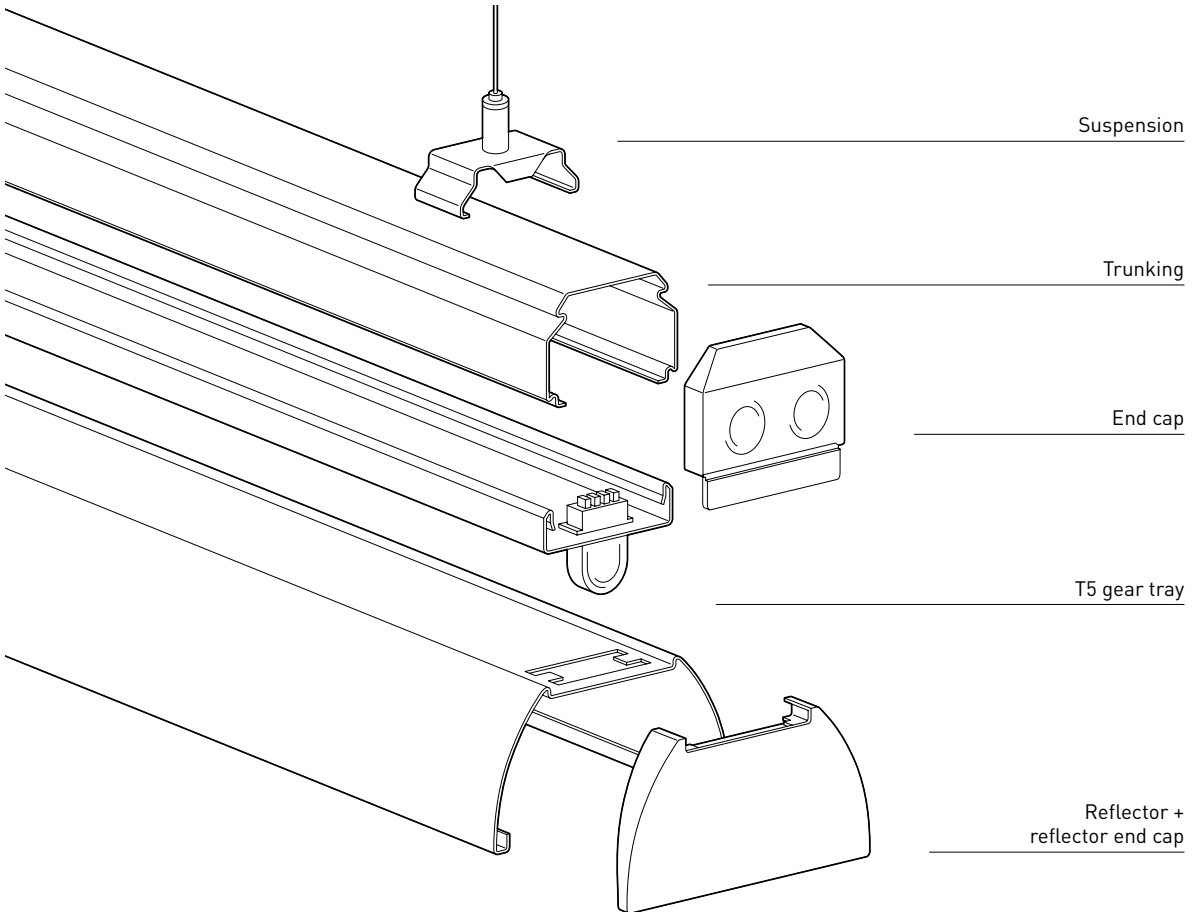
## Continuous line system for T5 fluorescent lamps



### E-Line T5N – the system

Individual solutions with a universal system. In short: E-Line. The rapid mounting continuous line system enables a combination of practical single components exactly matched to individual conditions. Compelling flexibility. Not least because of the high equipment diversity, low cross-sections, innovative and energy-efficient silver optics and the homogeneous

overall appearance of the length-optimised modules: dark spots are avoided with continuous reflector configurations.



### The same profile for different configurations

Identical luminaire cross-sections for single and twin lamp E-Line T5N gear trays.



**High efficiency as standard:  
silver-refined specular  
optics now save up to 10%  
of energy costs:**

the highly reflective Miro Silver layered system® is used for all E-Line RPX and RSX louvres, all specular optics and the 4-lamp high-bay luminaires. The refined surfaces increase reflective values to 98 %. The effect is less power consumption. The combina-

tion with TRILUX light control systems is especially advantageous: these additionally reduce power consumption according to lighting requirements and pass on the efficiency gains to the user in the form of electricity and cost savings.



**Highly efficient  
trapezoid reflector**














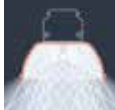










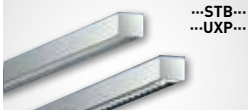


The new trapezoid reflector is more than just white: the optically efficient, highly reflective powder coating now enables luminaire light output ratios of up to 97 %. As well as an especially homogeneous light distribution, the new material achieves a significant increase in efficiency compared to pre-coated materials.

## Combinations of reflectors with photometric components

### Combination diversity

Circular and rectangular reflectors can be combined highly diversely with photometric accessories. Self-suspended E-Line reflectors have a light-controlling optic, meaning that further photometric accessories are not required. In this way, E-Line continuous lines can be precisely matched to project-specific photometric and architectural requirements.

The combination possibilities for reflectors with various photometric accessories are shown in the adjacent matrix.

<b>Circular reflectors</b> 07650 (M-)R/28 07650 (M-)R/35			
<b>Perforated circular reflectors</b> 07650 (M-)G/28 07650 (M-)G/35			
<b>High reflectors</b> 07650 (M-)RH/28 07650 (M-)RH/35			
<b>T reflector</b> 07650 T/28 07650 T/35			
<b>Self-suspended</b> 07650 SBF/35 07650 STF/35	 ...SBF... ...STF...		 ...STF...
<b>Self-suspended specular optic</b> 07650 SAF/35			
<b>Self-suspended specular optic</b> 07650 SDAF 07650 SDAFG	 ...SDAF ...SDAFG		
<b>Highbay, narrow distribution</b> 07650 HRF/35			
<b>Rectangular reflector</b> 07651 M-STB/35 07651 M-UXP-H/35	 ...STB... ...UXP...		 ...STB...



Lamella louvre	Diffuser	Parabolic specular louvre	semi- specular RSX-AG	highly specular RPX-AG	Asymmetric SA-Ag*	Wide distribution SB-Ag*	Narrow wide distribution SWW*	4-lamp high- bay luminaire incl. narrow distribution optic 7654 HR

\* SA, SB and SWW specular reflectors also in combination with ...RW lamella louvre

## Trunking and wiring options

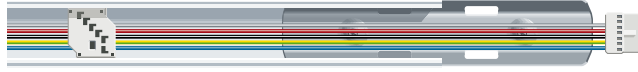
### Single-length trunking factory pre-wired

For individual luminaires.



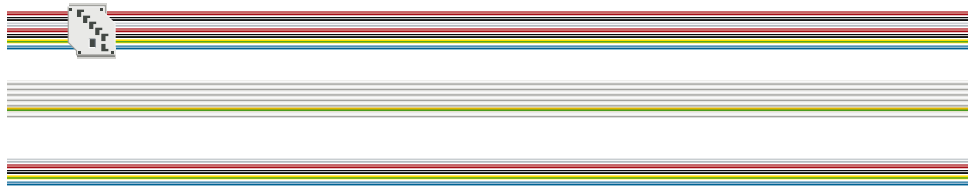
### Trunking profiles factory pre-wired

For modular system.

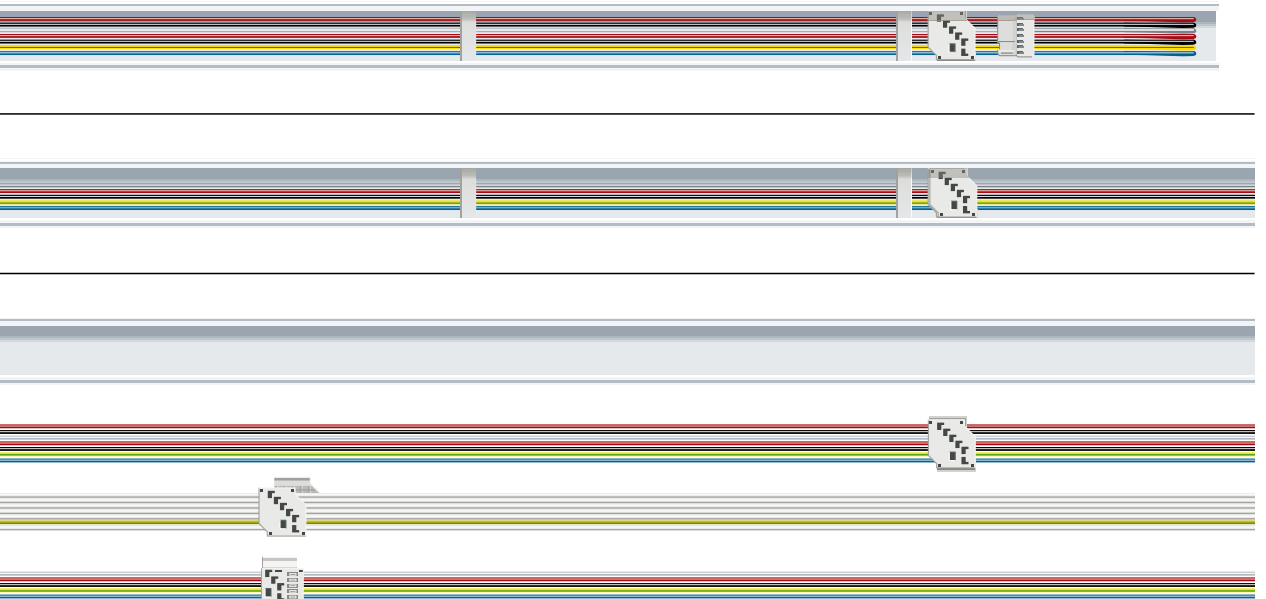


### Trunking profiles unwired

For modular system for through-wiring with integrated connector sockets according to module size, or for variable system for ribbon cables or single cables and variably positionable connector sockets.



	Trunkings	Accessories for unwired trunking			
<b>Single luminaires, trunking factory pre-wired</b> The possibility to combine gear trays, reflectors and equipment accessories to diverse individual luminaires.					
<b>Modular system, trunking pre-wired</b> The quickest way to install continuous lines with modular luminaire distances.					
<b>Modular system, unwired trunking</b> The possibility to install continuous lines with modular luminaire distances via on-site wiring of the trunking.					
<b>Variable system, unwired trunking</b> The possibility to install continuous lines with random, variable luminaire distances via on-site wiring of the trunking.					

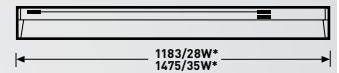


For E-Line trunking, both 5-core wiring and 7-core wiring is available. These are advantageous e.g. with 3-circuit network connection and simultaneous operation of dimmable or emergency light gear trays.

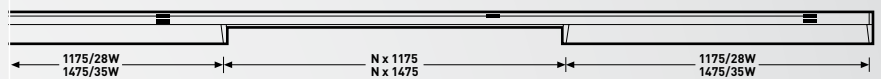
## Examples for single luminaires and continuous line configurations

Single luminaires with 1175 mm or 1475 mm gear trays and single-length trunking 07650/I/28-7LV/E or 07650/I/35-7LV/E.

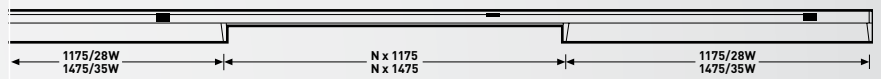
\* incl. end caps



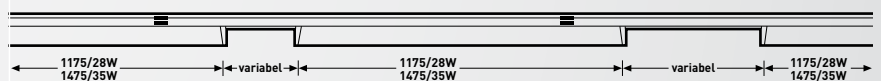
Continuous lines with 1175 mm or 1475 mm gear trays at modular distances. Trunkings with pre-wiring.



Continuous lines with 1175 mm or 1475 mm gear trays at modular distances. Trunking wired on-site.



Continuous lines with 1175 mm or 1475 mm gear trays with freely specifiable distances. Trunking wired on-site.



## Planning and ordering example

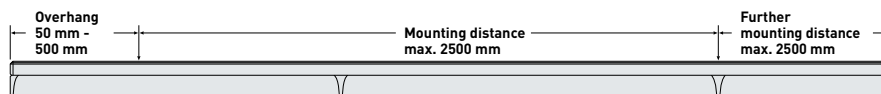
### Suspension spacings

E-Line enables suspension spacings of upto 2500 mm. Reduced distances partly applicable only at nodes. Fundamentally, an overhang at the continuous line ends of at least 50 mm to a maximum of 500 mm must be ensured.

All specifications apply to 1 and 2-lamp gear trays and are independent of ballast type, type of photometric equipment and fixing method.

The adjacent quick overviews give specifications about the combination of E-Line continuous lines. For various continuous line lengths,

- the required number of trunking units and
- the minimum number of fixing points (based on maximum fixing distance of 2500 mm) have been specified.



### Planning notes for continuous lines with 1175 mm gear tray

Continuous line length	Lamp length	Trunking 07650-...		Fixing points
		.../II/28-U	.../III/28-U	
		.../II/28-5 LV	.../III/28-5 LV	
		.../II/28-7 LV	.../III/28-7 LV	
m	Quantity	Pieces	Pieces	Quantity
2.36	2	1	-	2
3.54	3	-	1	2
4.72	4	2	-	3
5.89	5	1	1	3
7.07	6	-	2	4
8.25	7	2	1	4
9.42	8	1	2	5
10.60	9	-	3	5
11.77	10	2	2	6
12.95	11	1	3	6
14.12	12	-	4	7
15.30	13	2	3	7
16.47	14	1	4	8
17.65	15	-	5	8
18.80	16	2	4	9
20.00	17	1	5	9
21.17	18	-	6	10
22.35	19	2	5	10
23.52	20	1	6	10

### Ordering example: Uninterrupted continuous line 28 W with prewired trunking (7-core wiring)

11.75 m long (corresponding to 10 lamp lengths), with 1-lamp dimmable gear trays, reflectors and lamella louvres. Mounting directly to ceiling. IP20 protection rating.

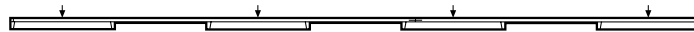


<b>1. Trunkings</b>	Trunking, 2-length Trunking, 3-length	2 x 07650/II/28-7LV 2 x 07650/III/28-7LV
<b>2. Trunking accessories and fixing accessories</b>	Trunking end cap Ceiling fixing clamp	2 x 07690 E-R 6 x D 01 X
<b>3. Gear tray</b>	Gear tray, 1-lamp	10 x 7651/28 ED
<b>4. Reflectors and accessories</b>	Reflector, circular Reflector connector Reflector end cap	10 x 07650 R/28 9 x 07650 RV 2 x 07650 RK
<b>5. Photometric equipment</b>	Lamella louvre	10 x 07650 RW/28

## Planning notes for continuous lines with 1475 mm gear tray

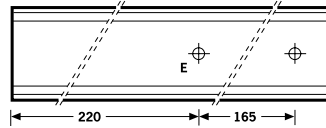
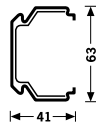
Continuous line length	Lamp length	Trunking 07650...		Fixing points
		.../II/35-U	.../III/35-U	
		.../II/35-5 LV	.../III/35-5 LV	
		.../II/35-7 LV	.../III/35-7 LV	
m	Quantity	Pieces	Pieces	Quantity
2.96	2	1	–	2
4.44	3	–	1	3
5.91	4	2	–	3
7.39	5	1	1	4
8.86	6	–	2	5
10.34	7	2	1	5
11.81	8	1	2	6
13.29	9	–	3	7
14.76	10	2	2	7
16.24	11	1	3	8
17.71	12	–	4	8
19.19	13	2	3	9
20.66	14	1	4	9
22.14	15	–	5	10
23.61	16	2	4	11
25.09	17	1	5	11
26.56	18	–	6	12
28.04	19	2	5	12
29.51	20	1	6	13

**Ordering example:**  
**Variable continuous line, silver-grey, 80 W with trunking to be wired on-site (5-core wiring) and uniform blanking distances of 1475 mm between gear trays**  
 11.80 m long (corresponding to 4 lamp lengths), with 2-lamp gear trays, high reflectors and RMV parabolic louvre. Mounting via chain suspension. IP20 protection rating.



<b>1. Trunkings</b>	Trunking, 2-length	1 x 07650 M/II/35-U
	Trunking, 3-length	2 x 07650 M/III/35-U
<b>2. Trunking accessories and fixing accessories</b>	Trunking end cap	2 x 07690 M-E-R
	Blanking cover	3 x 07650 M-B/35
	Ribbon cable	1 x 07650/5LV/46m
	Wiring connector	1 x 07690 VV
	Female connector	6 x 07690 SK
	Chain suspension	6 x A 01 KX
<b>3. Gear tray</b>	Gear tray, 1-lamp	4 x 7651 M/80
<b>4. Reflectors and accessories</b>	Reflector, circular	4 x 07650 M-RH/35
	Reflector end cap	8 x 07690 M-RKH
<b>5. Photometric equipment</b>	Parabolic louvre RMV	4 x 07650 RMV/35

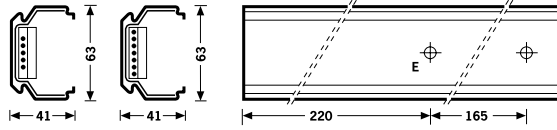
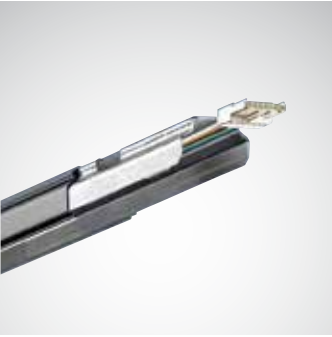
## Universal trunking, unwired



- ...U... Trunking, unwired
- .../I/... 1-length version
- .../II/... 2-length version
- .../III/... 3-length version
- ...M... Silver-grey instead of white

Reference	TOC	L x W x H mm	≈kg
White			
07650/I/28-U	59 204 00	1175 x 63 x 41	1.3
07650/I/35-U	59 206 00	1475 x 63 x 41	2.3
07650/II/28-U	59 208 00	2350 x 63 x 41	3.5
07650/II/35-U	59 210 00	2950 x 63 x 41	1.6
07650/III/28-U	59 212 00	3525 x 63 x 41	2.9
07650/III/35-U	59 214 00	4425 x 63 x 41	4.4
Silver-grey			
07650 M/I/28-U	59 235 00	1175 x 63 x 41	1.3
07650 M/I/35-U	59 237 00	1475 x 63 x 41	2.3
07650 M/II/28-U	59 239 00	2350 x 63 x 41	3.5
07650 M/II/35-U	59 241 00	2950 x 63 x 41	1.6
07650 M/III/28-U	59 243 00	3525 x 63 x 41	2.9
07650 M/III/35-U	59 245 00	4425 x 63 x 41	4.4

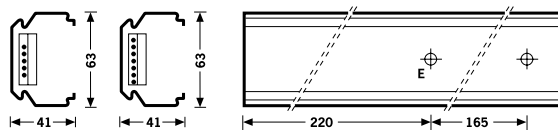
## Universal trunking, factory pre-wired



.../II/... 2-length version  
 .../III/... 3-length version  
 ...M... Silver-grey instead of white  
 ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	=kg
5LV, white			
07650/II/28-5LV 2.5	59 217 00	2350 x 63 x 41	3.0
07650/II/35-5LV 2.5	59 218 00	2950 x 63 x 41	3.3
07650/III/28-5LV 2.5	59 219 00	3525 x 63 x 41	4.5
07650/III/35-5LV 2.5	59 220 00	4425 x 63 x 41	5.0
7LV, white			
07650/II/28-7LV 2.5	59 207 00	2350 x 63 x 41	3.1
07650/II/35-7LV 2.5	59 209 00	2950 x 63 x 41	3.4
07650/III/28-7LV 2.5	59 211 00	3525 x 63 x 41	4.6
07650/III/35-7LV 2.5	59 213 00	4425 x 63 x 41	5.1
5LV, silver-grey			
07650 M/II/28-5LV/2.5	59 248 00	2350 x 63 x 41	3.0
07650 M/II/35-5LV/2.5	59 249 00	2950 x 63 x 41	3.3
07650 M/III/28-5LV/2.5	59 250 00	3525 x 63 x 41	4.5
07650 M/III/35-5LV/2.5	59 251 00	4425 x 63 x 41	5.0
7LV, silver-grey			
07650 M/II/28-7LV/2.5	59 238 00	2350 x 63 x 41	3.1
07650 M/II/35-7LV/2.5	59 240 00	2950 x 63 x 41	3.4
07650 M/III/28-7LV/2.5	59 242 00	3525 x 63 x 41	4.6
07650 M/III/35-7LV/2.5	59 244 00	4425 x 63 x 41	5.1

## Universal trunking for individual luminaires, pre-wired and ready for connection

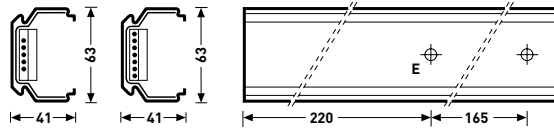
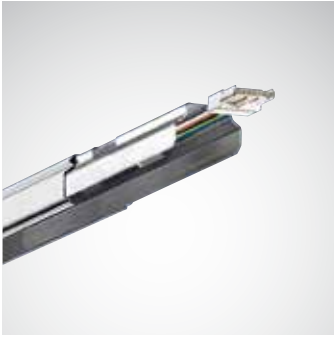


...E... Trunking for single luminaires  
 ...M... Silver-grey instead of white  
 ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	≈kg
5LV, white			
<b>07650 I/I/28-5LV/E 2.5</b>	59 215 00	1175 x 63 x 41	1.3
<b>07650 I/I/35-5LV/E 2.5</b>	59 216 00	1475 x 63 x 41	1.7
7LV, white			
<b>07650 I/I/28-7LV/E 2.5</b>	59 203 00	1175 x 63 x 41	1.4
<b>07650 I/I/35-7LV/E 2.5</b>	59 205 00	1475 x 63 x 41	1.8
5LV, silver-grey			
<b>07650 M/I/28-5LV/E 2.5</b>	59 246 00	1175 x 63 x 41	1.3
<b>07650 M/I/35-5LV/E 2.5</b>	59 247 00	1475 x 63 x 41	1.7
7LV, silver-grey			
<b>07650 M/I/28-7LV/E 2.5</b>	59 234 00	1175 x 63 x 41	1.4
<b>07650 M/I/35-7LV/E 2.5</b>	59 236 00	1475 x 63 x 41	1.8



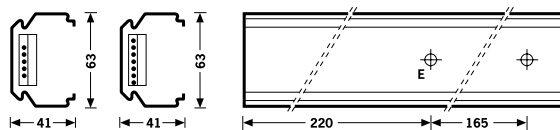
## Flex 370 universal trunking, factory pre-wired



- .../II/... 2-length version
- .../III/... 3-length version
- ...M... Silver-grey instead of white
- ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	Connector socket distances mm	=kg
5LV, white, wired				
<b>07650/II/35-5LV-2.5 Flex 370</b>	60 412 00	2950 x 63 x 41	368	3.4
<b>07650/III/35-5LV-2.5 Flex 370</b>	60 414 00	4425 x 63 x 41	368	5.1
7LV, white, wired				
<b>07650/II/35-7LV-2.5 Flex 370</b>	60 413 00	2950 x 63 x 41	368	3.4
<b>07650/III/35-7LV-2.5 Flex 370</b>	60 415 00	4425 x 63 x 41	368	5.1
5LV, silver, wired				
<b>07650 M/II/35-5LV-2.5 Flex 370</b>	61 002 00	2950 x 63 x 41	368	3.4
<b>07650 M/III/35-5LV-2.5 Flex 370</b>	61 004 00	4425 x 63 x 41	368	5.1
5LV, silver, wired				
<b>07650 M/II/35-7LV-2.5 Flex 370</b>	61 003 00	2950 x 63 x 41	368	3.4
<b>07650 M/III/35-7LV-2.5 Flex 370</b>	61 005 00	4425 x 63 x 41	368	5.1

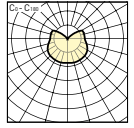
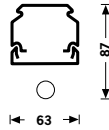
## Flex 370 universal trunking for individual luminaires, pre-wired and ready for connection




- ...E... Trunking for single luminaires
- .../I/... 1-length version
- ...M... Silver-grey instead of white
- ...2.5 Cable cross section 2.5 mm<sup>2</sup>

Reference	TOC	L x W x H mm	Connector socket distances mm	≈kg
5LV, white, wired				
<b>07650/I/35-5LV/E-2.5 Flex 370</b>	60 410 00	1475 x 63 x 41	368	1.5
7LV, white, wired				
<b>07650/I/35-7LV/E-2.5 Flex 370</b>	60 411 00	1475 x 63 x 41	368	1.5
5LV, silver, wired				
<b>07650 M/I/35-5LV/E-2.5 Flex 370</b>	61 000 00	1475 x 63 x 41	368	1.5
5LV, silver, wired				
<b>07650 M/I/35-7LV/E-2.5 Flex 370</b>	61 001 00	1475 x 63 x 41	368	1.5

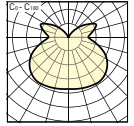
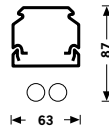
## Gear tray, IP20, 1-lamp




Reference	TOC	...E	...EDD		EEC	L x W x H mm	=kg
White							
• 7651/28/54...	59 193...	...04	...07	1 x 28/54	A+/A/B/C	1175 x 63 x 87	0.9
7651/35/49/80...	59 194...	...04	...07	1 x 35/49/80	A+/A/B/C	1475 x 63 x 87	1.2
Silver-grey							
7651 M/28/54...	59 195...	...04	...07	1 x 28/54	A+/A/B/C	1175 x 63 x 87	0.9
7651 M/35/49/80...	59 196...	...04	...07	1 x 35/49/80	A+/A/B/C	1475 x 63 x 87	1.2

• IK02/0.2 J 850 °C

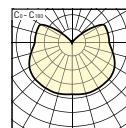
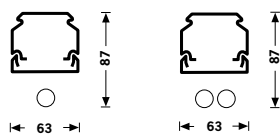
## Gear tray, IP20, 2-lamp



Reference	TOC	...E	...EDD		EEC	L x W x H mm	=kg
White							
• 7652/28/54...	59 197...	...04	...07	2 x 28/54	A+/A/B/C	1175 x 63 x 87	1.0
7652/35/49/80...	59 198...	...04	...07	2 x 35/49/80	A+/A/B/C	1475 x 63 x 87	1.2
Silver-grey							
7652 M/28/54...	59 200...	...04	...07	2 x 28/54	A+/A/B/C	1175 x 63 x 87	1.0
7652 M/35/49/80...	59 201...	...04	...07	2 x 35/49/80	A+/A/B/C	1475 x 63 x 87	1.2

• IK02/0.2 J 850 °C

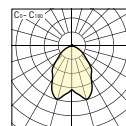
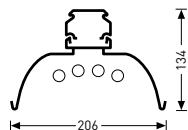
## IP40 gear tray, 1-lamp and 2-lamp



Reference	TOC	...E	...EDD		EEC	L x W x H mm	≈kg
White							
• 7651/35/49/80 E IP40	59 979...	...04	...07	1 x 35/49/80	A+/A/B/C	1475 x 63 x 87	1.3
7652/35/49/80 E IP40	59 980...	...04	...07	2 x 35/49/80	A+/A/B/C	1475 x 63 x 87	1.3

• IK02/0.2 J 850 °C

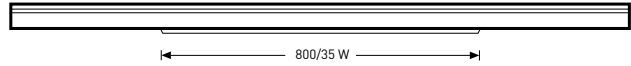
## Gear tray including self-suspended specular optic HR, 4-lamp



Reference	TOC	...E	...EDD		EEC	L x W x H mm	≈kg
White							
• 7654 HR/35/49/80...	59 202...	...04	...07	4 x 35/49/80	A+/A/B/C	1475 x 210 x 87	1.3

• IK02/0.2 J 850 °C

## 3-circuit track module




Reference	TOC	Description	L mm	=kg
7650 AD-35	59 191 00	1 piece, white, for Euroadapter	1475	1.8
7650 M-AD-35	59 192 00	1 piece, silver-grey, for Euroadapter	1475	1.8

## Gear tray with individual battery supply for permanent operation, 1-lamp




...[3h] Operating duration 3 hours

Reference	TOC	...E		EEC	L x W x H mm	=kg
White						
7651/35/49... + EB (3h)	59 288...	...04	1 x 35/49	A+/A/B	1475 x 63 x 87	2.4
Silver-grey						
7651 M/35/49... + EB (3h)	59 292...	...04	1 x 35/49	A+/A/B	1475 x 63 x 87	2.4

## Gear tray with individual battery supply for permanent operation, 2-lamp




...[3h] Operating duration 3 hours

Reference	TOC	...E		EEC	L x W x H mm	≈kg
White						
<b>7652/35/49... + EB (3h)</b>	59 290...	...04	2 x 35/49	A+/A/B	1475 x 63 x 87	2.4
Silver-grey						
<b>7652 M/35/49... + EB (3h)</b>	59 294...	...04	2 x 35/49	A+/A/B	1475 x 63 x 87	2.4

## Gear tray with switching relay for permanent operation, 1-lamp



Reference	TOC	...E	...EDD		EEC	L x W x H mm	≈kg
White							
<b>7651/35... +Notl LED 3-6m</b>	60 420...	...04	...07	1 x 28/54	A+/A/B/C	1475 x 63 x 87	1.6
<b>7651/35... +Notl LED 6-12m</b>	60 421...	...04	...07	1 x 28/54	A+/A/B/C	1475 x 63 x 87	1.6

**R circular reflectors**

Reference	TOC	Description	=kg
White			
<b>07650 R/28</b>	59 261 00	1 piece, R circular reflector, white	1.0
<b>07650 R/35</b>	59 262 00	1 piece, R circular reflector, white	1.3
Silver-grey			
<b>07650 M-R/28</b>	59 263 00	1 piece, R circular reflector, silver-grey	1.0
<b>07650 M-R/35</b>	59 264 00	1 piece, R circular reflector, silver-grey	1.3

**Reflector accessories for R circular reflectors**

Reference	TOC	Description	=kg
White			
<b>07690 RK</b>	46 636 00	1 piece, RK reflector end cap	0.1
<b>07690 RK PC</b>	46 638 00	1 piece, RK reflector end cap, polycarbonate	0.1
<b>07690 RV</b>	46 640 00	1 pair, RV reflector connector	0.1
<b>07690 RV PC</b>	46 642 00	1 pair, RV reflector connector, polycarbonate	0.1
Silver-grey			
<b>07690 M-RK</b>	46 646 00	1 piece, M-RK reflector end cap	0.1
<b>07690 M-RK PC</b>	46 648 00	1 piece, M-RK reflector end cap, polycarbonate	0.1
<b>07690 M-RV</b>	46 650 00	1 pair, M-RV reflector connectors	0.1
<b>07690 M-RV PC</b>	46 652 00	1 pair, M-RV reflector connectors, polycarbonate	0.1

**Lamella louveres in connection with reflectors**

Reference	TOC	Description	=kg
White			
<b>07650 RW/28</b>	59 275 00	Lamella louvre, 1 piece, sheet steel, white	0.4
<b>07650 RW/35</b>	59 276 00	Lamella louvre, 1 piece, sheet steel, white	0.5
Silver-grey			
<b>07650 M-RW/28</b>	59 277 00	Lamella louvre, 1 piece, sheet steel, silver-grey	0.4
<b>07650 M-RW/35</b>	59 278 00	Lamella louvre, 1 piece, sheet steel, silver-grey	0.4

## Specular reflectors for R circular reflectors



Reference	TOC	Description	≈kg
07650 SA-Ag/35	59 282 00	Asymmetric specular reflector, 1 piece, silver-refined aluminium	0.2



Reference	TOC	Description	≈kg
07650 SB-Ag/35	59 283 00	Specular reflectors, wide distribution, 1 pair, silver-refined aluminium	0.3



Reference	TOC	Description	≈kg
07650 SWW/35	59 284 00	Specular reflector, 1 piece, double asymmetric distribution, silver-refined aluminium	0.3

## Diffusers for R circular reflectors



Reference	TOC	Description	≈kg
07650 P/28	60 794 00	PMMA prismatic diffuser P	0.3
07650 P/35	60 796 00	PMMA prismatic diffuser P	0.4
<b>Accessories</b>			
07650 PE IP40	60 798 00	End bar for prismatic diffuser P <sup>1)</sup>	0.1
07650 PV IP40	60 799 00	Connector for prismatic diffuser P <sup>1)</sup>	0.1

<sup>1)</sup>Please order end bars and connectors for individual luminaires or for continuous line luminaires separately.  
2 end bars are required for one individual luminaire. With a 3-length continuous line version, two end bars and two connectors are required.



## G circular reflectors, perforated



Reference	TOC	Description	=kg
White			
<b>07650 G/28</b>	59 257 00	1 piece, G circular reflector, perforated, white for 28/54 W	1.0
<b>07650 G/35</b>	59 258 00	1 piece, G circular reflector, perforated, white for 35/49/80 W	1.3
Silver-grey			
<b>07650 M-G/28</b>	59 259 00	1 piece, G circular reflector, perforated, silver-grey for 28/54 W	1.0
<b>07650 M-G/35</b>	59 260 00	1 piece, G circular reflector, perforated, silver-grey for 35/49/80 W	1.3

## Reflector accessories for G round reflectors, perforated

Reference	TOC	Description	=kg
White			
<b>07690 RK</b>	46 636 00	1 piece, RK reflector end cap	0.1
<b>07690 RK PC</b>	46 638 00	1 piece, RK reflector end cap, polycarbonate	0.1
<b>07690 RV</b>	46 640 00	1 pair, RV reflector connector	0.1
<b>07690 RV PC</b>	46 642 00	1 pair, RV reflector connector, polycarbonate	0.1
Silver-grey			
<b>07690 M-RK</b>	46 646 00	1 piece, M-RK reflector end cap	0.1
<b>07690 M-RK PC</b>	46 648 00	1 piece, M-RK reflector end cap, polycarbonate	0.1
<b>07690 M-RV</b>	46 650 00	1 pair, M-RV reflector connectors	0.1
<b>07690 M-RV PC</b>	46 652 00	1 pair, M-RV reflector connectors, polycarbonate	0.1

## Lamella louvres in connection with reflectors



Reference	TOC	Description	=kg
White			
<b>07650 RW/28</b>	59 275 00	Lamella louvre, 1 piece, sheet steel, white for 28/54 W	0.4
<b>07650 RW/35</b>	59 276 00	Lamella louvre, 1 piece, sheet steel, white for 35/49/80 W	0.5
Silver-grey			
<b>07650 M-RW/28</b>	59 277 00	Lamella louvre, 1 piece, sheet steel, silver-grey for 28/54 W	0.4
<b>07650 M-RW/35</b>	59 278 00	Lamella louvre, 1 piece, sheet steel, silver-grey for 35/49/80 W	0.4

## RH circular reflectors, vertical



Reference	TOC	Description	≈kg
White			
<b>07650 RH/35</b>	59 266 00	1 piece, RH circular high reflector, white	1.5
Silver-grey			
<b>07650 M-RH/35</b>	59 268 00	1 piece, RH circular high reflector, silver-grey	1.5

## Reflector accessories for round high reflectors RH

Reference	TOC	Description	≈kg
White			
<b>07690 RKH</b>	46 635 00	1 piece, RKH reflector end cap	0.1
<b>07690 RKH PC</b>	46 637 00	1 piece, RKH reflector end cap, polycarbonate	0.1
<b>07690 RVH</b>	46 639 00	1 pair, MVH reflector connectors	0.1
<b>07690 RVH PC</b>	46 641 00	1 pair, RVH reflector connectors, polycarbonate	0.1
Silver-grey			
<b>07690 M-RKH</b>	46 645 00	1 piece, M-RKH reflector end cap	0.1
<b>07690 M-RKH PC</b>	46 647 00	1 piece, M-RKH reflector end cap, polycarbonate	0.1
<b>07690 M-RVH</b>	46 649 00	1 pair, M-RVH reflector connectors	0.1
<b>07690 M-RVH PC</b>	46 651 00	1 pair, M-RVH reflector connectors, polycarbonate	0.1

## Parabolic specular louvres in connection with high RH reflectors



Reference	TOC	Description	≈kg
<b>07650 RMV/35</b>	59 279 00	Specular parabolic louvre, 1 piece, VDU-compliant, high-purity aluminium, matt anodised	0.5



Reference	TOC	Description	≈kg
<b>07650 RSX-Ag/35</b>	59 281 00	Specular parabolic louvre, 1 piece, VDU-compliant, silver-refined aluminium, semi-specular	0.5



Reference	TOC	Description	≈kg
<b>07650 RPX-Ag/35</b>	59 280 00	Specular parabolic louvre, 1 piece, VDU-compliant, silver-refined aluminium, highly specular	0.5

## Trapezoid reflector T



Reference	TOC	Description	For gear tray 1 or 2-lamp	=kg
<b>07650 T/28</b>	59 269 00	1 piece T reflector, trapezoid, white	28, 54 W	0.8
<b>07650 T/35</b>	59 270 00	1 piece T reflector, trapezoid, white	35, 49, 80 W	1.0

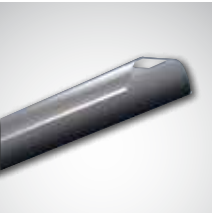
## Reflector accessories for trapezoid reflectors

Reference	TOC	Description	=kg
<b>07650 RKT PC</b>	60 419 00	RKT reflector end cap, polycarbonate, white	1.2
<b>07650 RVT PC</b>	59 691 00	1 pair RVT reflector connectors, polycarbonate, white	0.1

## Self-suspended specular reflectors



Reference	TOC	Description	=kg
<b>07650 SBF/35</b>	59 272 00	Self-suspended specular reflector, 1 piece, wide distribution, silver-refined aluminium	0.5

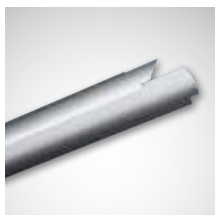


Reference	TOC	Description	=kg
<b>07650 STF/35</b>	59 273 00	Self-suspended specular reflector, 1 piece, narrow-wide distribution, silver-refined aluminium	0.5

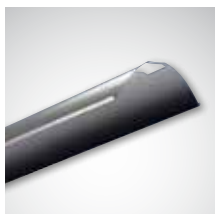
## Self-suspended specular reflectors



Reference	TOC	Description	≈kg
07650 SAF/35	59 271 00	Self-suspended specular reflector, 1 piece, asymmetric, silver-refined aluminium	0.4



Reference	TOC	Description	≈kg
07650 SDAF/35	59 296 00	Self-suspended specular reflector, 1 piece, double asymmetric, silver-refined aluminium	0.4
07650 SDAFG/35	59 295 00	Self-suspended specular reflector, 1 piece, double asymmetric perforated, silver-refined aluminium	0.4



Reference	TOC	Description	≈kg
07650 HRF/35	59 274 00	Self-suspended specular reflector, 1 piece, extremely narrow distribution, silver-refined aluminium	0.5

## Rectangular reflectors

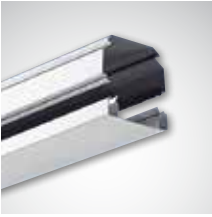


Reference	TOC	Description	≈kg
07651 M-STB/35	59 285 00	Rectangular reflector, 1 piece, silver-grey, with silver-refined specular reflector, narrow-wide distribution	1.3



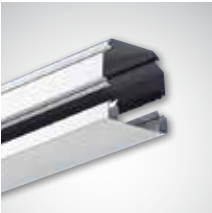
Reference	TOC	Description	≈kg
07651 M-UXP-H/35	59 286 00	Rectangular reflector, 1 piece, silver-grey, with silver-refined filigree louvre	1.3

## IP20 blanking covers



Reference	TOC	Description	=kg
White			
<b>07650 B/28</b>	59 226 00	1 piece, length 1175 mm	0.2
<b>07650 B/28 PC</b>	59 227 00	1 piece, length 1175mm, polycarbonate	0.3
<b>07650 B/35</b>	59 228 00	1 piece, length 1475 mm	0.3
<b>07650 B/35 PC</b>	59 229 00	1 piece, length 1475 mm, polycarbonate	0.2
Silver-grey			
<b>07650 M-B/28</b>	59 230 00	1 piece, length 1175 mm	0.2
<b>07650 M-B/28 PC</b>	59 231 00	1 piece, length 1175mm, polycarbonate	0.3
<b>07650 M-B/35</b>	59 232 00	1 piece, length 1475 mm	0.2
<b>07650 M-B/35 PC</b>	59 233 00	1 piece, length 1475 mm, polycarbonate	0.3

## IP20 blanking covers for Flex 370



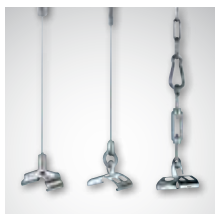
Reference	TOC	Description	=kg
White			
<b>07650 B/L1110</b>	60 418 00	1 piece, length 1110 mm	0.2
<b>07650 B/L740</b>	60 417 00	1 piece, length 740 mm	0.1
<b>07650 B/L370</b>	60 416 00	1 piece, length 370 mm	0.1

## IP20 trunking end caps



Reference	TOC	Description	≈kg
White			
<b>07690 E-R</b>	21 947 00	1 piece, white	0.1
<b>07690 E-R PC</b>	21 948 00	1 piece, polycarbonate, white	0.1
Silver-grey			
<b>07690 M-E-R</b>	43 742 00	1 piece, silver-grey	0.1
<b>07690 M-E-R PC</b>	43 743 00	1 piece, polycarbonate, silver-grey	0.1
For trapezoid reflectors, white			
<b>07690 E-T</b>	21 949 00	1 piece, white, for trapezoid reflectors	0.1
<b>07690 E-T PC</b>	21 950 00	1 piece, polycarbonate, white, for trapezoid reflectors	0.1

## Other accessories and fixing components



Reference	TOC	Description	≈kg
Wire and chain suspensions			
<b>A 01 DSX</b>	22 296 00	1 piece, decorative wire suspension, length 1500 mm	0.3
<b>A 01 SX</b>	22 307 00	1 piece, wire suspension with suspension clamp, length 1500 mm	0.1
<b>A 01 KX</b>	22 301 00	1 piece, chain suspension, with turnbuckle and suspension clamp, E 03 KX	0.3



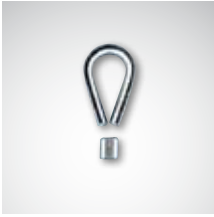
Reference	TOC	Description	≈kg
Wire suspensions			
<b>A 01 DSX D</b>	60 559 00	1 piece, decorative wire suspension, consisting of steel wire, galvanised, 1.75 mm, length 1500 mm, with ERS turnbuckle and thread with dowel. Wire length randomly adjustable without tools	0.1
<b>A 01 DSX K</b>	60 558 00	1 piece, decorative wire suspension, galvanised, 1.75 mm, length 1500 mm, with ERS turnbuckle and spring hook. Wire length randomly adjustable without tools	0.1
<b>A 01 DSX T</b>	60 560 00	1 piece, decorative wire suspension, consisting of steel wire, galvanised, 1.75 mm, length 1500 mm, with ERS turnbuckle and trapezoid bracket. Wire length randomly adjustable without tools	0.1

N.B.: The suspension clamp E 03 KX (TOC 23 428 00) must be ordered separately.



Reference	TOC	Description	≈kg
Pendant suspensions			
<b>A 01 PX</b>	29 283 00	1 piece, pendant suspension, white, length 1500 mm	0.5
<b>A 01 M-PX</b>	45 379 00	1 piece, pendant suspension, silver-grey, length 1500 mm	0.5

## Other accessories and fixing components



Reference	TOC	Description	=kg
Wire accessories			
<b>E 07</b>	23 438 00	1 set (12 pcs.), for wire suspensions with E 06 and E 03 SX	0.1



Reference	TOC	Description	=kg
Suspension clamps			
<b>E 03 KX</b>	23 428 00	1 piece, suspension clamp for chain suspensions	0.1
<b>E 03 SKX</b>	61 889 00	1 piece, height-adjustable chain suspension	0.1
<b>E 03 SX</b>	23 432 00	1 piece, suspension clamp for wire suspensions together with E 06 and E 07	0.1



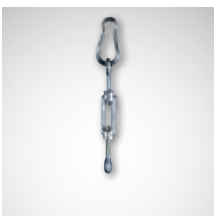
Reference	TOC	Description	=kg
Fixing clamp			
<b>D 01 X</b>	23 212 00	1 piece, fixing clamp for direct ceiling mounting	0.1



Reference	TOC	Description	=kg
Link chain			
<b>E 04</b>	23 434 00	Length 20 m, can be cut to suit on-site	4.5

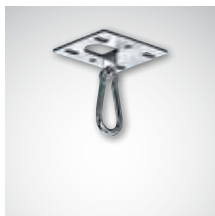


Reference	TOC	Description	=kg
Steel wire			
<b>E 06</b>	23 437 00	20 m long, with instant glue for fixing wire ends	0.3



Reference	TOC	Description	=kg
Turnbuckle			
<b>E 05 N</b>	23 436 00	1 piece, with spring hook	0.1

## Other accessories and fixing components



Reference	TOC	Description	≈kg
Ceiling mounting plate			
<b>E 01</b>	23 420 00	1 piece, ceiling mounting plate with spring hook	0.2



Reference	TOC	Description	≈kg
Nodes			
<b>A 03 D</b>	22 315 00	1 piece, node, white	0.5
<b>A 03 M-D</b>	45 377 00	1 piece, node, silver-grey	0.5



Reference	TOC	Description	≈kg
Node with pendant suspension			
<b>A 03 P</b>	29 285 00	1 piece, node, white, with pendant suspension, length 1500 mm	0.9



Reference	TOC	Description	≈kg
Nodes			
<b>A 03 S</b>	29 284 00	1 piece, node with wire suspension, white	0.6
<b>A 03 M-S</b>	45 375 00	1 piece, node with wire suspension, silver-grey	0.6

## Node adapters



Reference	TOC	Description	≈kg
<b>07690 KA/7LV</b>	21 951 00	1 piece, node adapter, white, with 7LV	0.7
<b>07690 KA/7LV 2.5</b>	46 672 00	1 piece, node adapter, white, with 7LV, 2.5 mm <sup>2</sup>	0.8
<b>07690 M-KA/7LV</b>	45 378 00	1 piece, node adapter, silver-grey, with 7LV	0.7
<b>07690 M-KA/7LV 2.5</b>	46 671 00	1 piece, node adapter, silver-grey, with 7LV, 2.5 mm <sup>2</sup>	0.8



### Ceiling rose/supply tubes

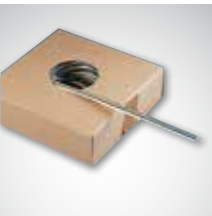


Reference	TOC	Description	=kg
<b>05900 AN</b>	21 726 00	1 piece, ceiling rose with wire outlet	0.1
<b>05000 ZR</b>	21 525 00	1 piece, supply tube, length 1000 mm	0.1
<b>05000 ZR/2m</b>	21 526 00	1 piece, supply tube, length 2000 mm	0.2

### Ribbon cable wiring/single core wiring



Reference	TOC	Description	=kg
<b>07690/5LV/46m</b>	21 891 00	Ribbon cable wiring, 5-core, for freely definable luminaire spacing	5.0
<b>07690/7LV/46m</b>	21 895 00	Ribbon cable wiring, 7-core, for freely definable luminaire spacing	5.0



Reference	TOC	Description	=kg
<b>07690/5LV/25m</b>	21 890 00	5 coloured, heat-resistant single wires, length 25 m	2.5

### Through-wiring

Reference	TOC	Description	=kg
5LV wiring			
<b>07690/5LV-36/37m</b>	21 892 00	Length 37 m, with female connector at 1230 mm distances for 28, 36, 54 W, cable cross section 1.5 mm <sup>2</sup>	4.1
<b>07690/5LV-36/37m 2.5</b>	46 667 00	Length 37 m, with female connector at 1230 mm distances for 28, 36, 54 W, cable cross section 2.5 mm <sup>2</sup>	4.1
<b>07690/5LV-58/46m</b>	21 894 00	Length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.0
<b>07690/5LV-58/46m 2.5</b>	46 668 00	Length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 2.5 mm <sup>2</sup>	5.0
<b>07690/5LV-510/46m</b>	21 893 00	Length 46 m, with female connector at 510 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.5
7LV wiring			
<b>07690/7LV-58/46m</b>	21 897 00	Length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.2
<b>07690/7LV-58/46m 2.5</b>	46 669 00	Length 46 m, with female connector at 1530 mm distances for 35, 49, 58, 80 W, cable cross section 2.5 mm <sup>2</sup>	5.2
<b>07690/7LV-510/46m</b>	21 896 00	Length 46 m, with female connector at 510 mm distances for 35, 49, 58, 80 W, cable cross section 1.5 mm <sup>2</sup>	5.6
<b>07690/7LV-510/46m 2.5</b>	30 006 00	Length 46 m, with female connector at 510 mm distances for 35, 49, 58, 80 W, cable cross section 2.5 mm <sup>2</sup>	9.0

### Cable restraints



Reference	TOC	Description	≈kg
<b>07690 LHA</b>	21 952 00	1 piece, outer	0.1
<b>07690 LHI</b>	21 953 00	Set of 10, inner	0.1

### Female connectors



Reference	TOC	Description	≈kg
<b>07690 SK</b>	21 959 00	1 piece, for ribbon cable wiring	0.1



Reference	TOC	Description	≈kg
<b>07690 TO</b>	21 967 00	1 piece, for electrical contact of single wires	0.1

### Wiring connectors



Reference	TOC	Description	≈kg
<b>07690 VV</b>	21 973 00	1 piece, 7-pole plug/socket pair	0.1



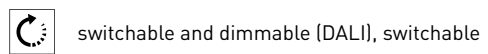
## MIRONA QXS LED

WIDE-AREA LED PROJECTORS

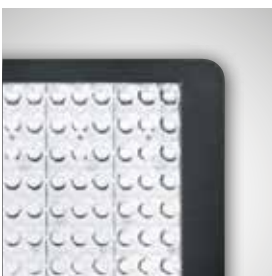


## HIGH OUTPUT IN A COMPACT DESIGN

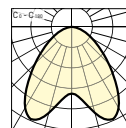
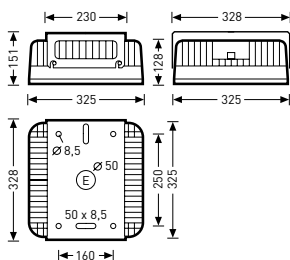
- Rapid pay-back thanks to low energy consumption and long service life.
- Excellent glare reduction and various beam characteristics provide especially uniform, pleasant light and therefore ideal visibility conditions for safe work.
- The luminaire features rapid installation thanks to plug & play. The outstanding thermal management ensures a maintenance-free service life of 50,000 hours.



Low energy consumption  
(110 lm/W)



## LED wide-area projector



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
Narrow distribution							
• Mirona QXS T LED 12000-840...	63 055...	...51	...40	10000 lm	A++/A+/A	100	11.1
Narrow-wide distribution							
Mirona QXS TB LED 12000-840...	63 056...	...51	...40	11000 lm	A++/A+/A	100	11.1

• IK08/6 J 850 °C

### Post mounting bracket

Reference	TOC	Accessory description	≈kg
0860/1/76	22 203 00	Post mounting bracket, single	3.2

### Chain suspension

Reference	TOC	Accessory description	≈kg
Mirona AKSPY	59 458 00	2-point chain suspension in Y-form with turnbuckle. Suspension approx. 470 mm, can be extended with E 04 chain	0.8

### Mounting accessory

Reference	TOC	Accessory description	≈kg
Mirona AMB	59 456 00	Rapid mounting plate for ceiling mounting	1.6

### Connectors

Reference	TOC	Accessory description	≈kg
ZWI RST20i3 BT 90° sw	59 461 00	Angled connection socket Wieland, 3-pole, 90°, black	0.1
ZWI RST20i5 BT 90° tbl	59 462 00	Angled connection socket Wieland, 5-pole, 90°, turquoise blue	0.1

**Wall mounting bracket**

<b>Reference</b>	<b>TOC</b>	<b>Accessory description</b>	<b>≈kg</b>
<b>Mirona AWB</b>	59 457 00	Fixing bracket for wall mounting	1.7



MIRONA QL LED











WIDE-AREA LED PROJECTORS



## MAXIMUM QUALITY FOR MAXIMUM DEMANDS

- The Mirona QL LED provides reliably optimal light for 100,000 hours.
- The photometric concept achieves energy savings of 50% compared to standard lighting solutions.
- A clever mounting system with quick-mounting plate and Wieland rapid connection system cuts installation times and costs.



-  
-  
-  
-  
-  > 100,000 h
-  switchable and dimmable (DALI)

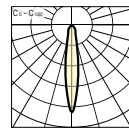
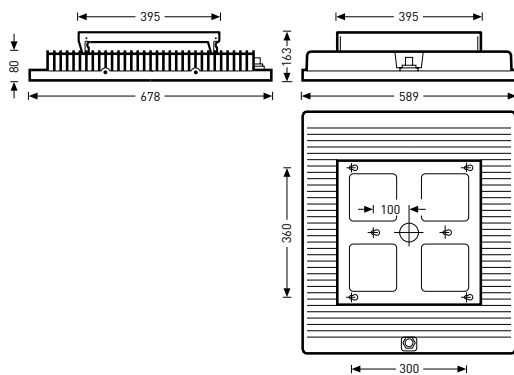
High savings potential



Especially resistant and durable.



## LED wide-area projector, extremely narrow distribution



Reference	TOC	...ETDD		EEC	W	≈kg
Extremely narrow distribution						
• Mirona QL HR LED 12000-840...	63 062...	...51	12000 lm	A++/A+/A	109	24.0
Mirona QL HR LED 24000-840...	63 059...	...51	24000 lm	A++/A+/A	230	25.0
Narrow distribution						
Mirona QL T LED 12000-840...	63 060...	...51	10500 lm	A++/A+/A	109	24.0
Mirona QL T LED 24000-840...	63 057...	...51	21000 lm	A++/A+/A	230	25.0
Narrow-wide distribution						
Mirona QL TB LED 12000-840...	63 061...	...51	12000 lm	A++/A+/A	109	24.0
Mirona QL TB LED 24000-840...	63 058...	...51	24000 lm	A++/A+/A	230	25.0

• IK08/6 J 850 °C

### Protective cover

Reference	TOC	Accessory description	≈kg
Mirona ZSB	63 103 00	Protective cover for Wieland rapid connection for ball impact resistance	0.8

### Chain suspension

Reference	TOC	Accessory description	≈kg
Mirona AKSPY-N	63 099 00	2-point chain suspension in Y-form incl. Wieland angle connector socket, 5-pole, 90°	1.2

**Mounting plate**

Reference	TOC	Accessory description	≈kg
Mirona ABM-N	63 100 00	Rapid-mounting plate for ceiling installation (incl. Wieland angle connector socket, 5-pole, 90°)	4.0

MIRONA RL LED

WIDE-AREA LED PROJECTORS



## HIGH-PERFORMANCE ALL-ROUND

- Direction-independent with a purist design and ideally suitable for various applications.
- Especially reliable under challenging conditions in the industrial sector due to high protection rating and temperature resistance.
- Uniform light for optimum visual comfort due to special diffuser panel, low glare and high colour rendering.

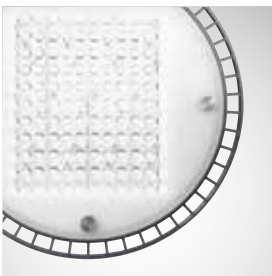


> 50,000 h



switchable and dimmable (DALI), switchable

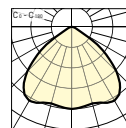
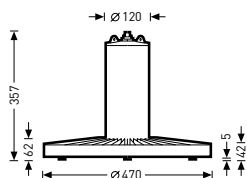
Special diffuser panel  
for optimum visual comfort



Robust luminaire  
with a concise design



## Wide-area LED projector, round construction



Reference	TOC	...ETDD	...ET		EEC	W	≈kg
LED, luminous flux 12000 lm							
• Mirona RL TB LED 12000-830...	64 351...	...51	...40	10500 lm	A++/A+/A	100	10.6
Mirona RL TB LED 12000-840...	64 350...	...51	...40	11000 lm	A++/A+/A	100	10.6
LED, luminous flux 6000 lm							
Mirona RL B LED 6000-830...	64 353...	...51	...40	5700 lm	A++/A+/A	54	10.3
Mirona RL B LED 6000-840...	64 352...	...51	...40	6000 lm	A++/A+/A	54	10.3

• IK08/6 J 850 °C

## Chain suspension

Reference	TOC	Accessory description	≈kg
Mirona RL AKSP	64 853 00	1-point chain suspension with turnbuckle	0.7





## LIGHT MANAGEMENT

SAVE ENERGY WITH  
LIGHT MANAGEMENT

Intelligent light management saves energy and reduces carbon dioxide emissions because it knows when artificial light is needed and when it's not. Such solutions are available for nearly all applications, ranging from single offices to industrial halls. TRILUX luminaires can also be integrated easily into existing building control systems. Often in addition to the demand for high energy efficiency there is also the wish for individuality and design flexibility. User-friendly operation and clarity is therefore particularly important. Find out more about modern, energy-saving lighting electronics on the following pages.



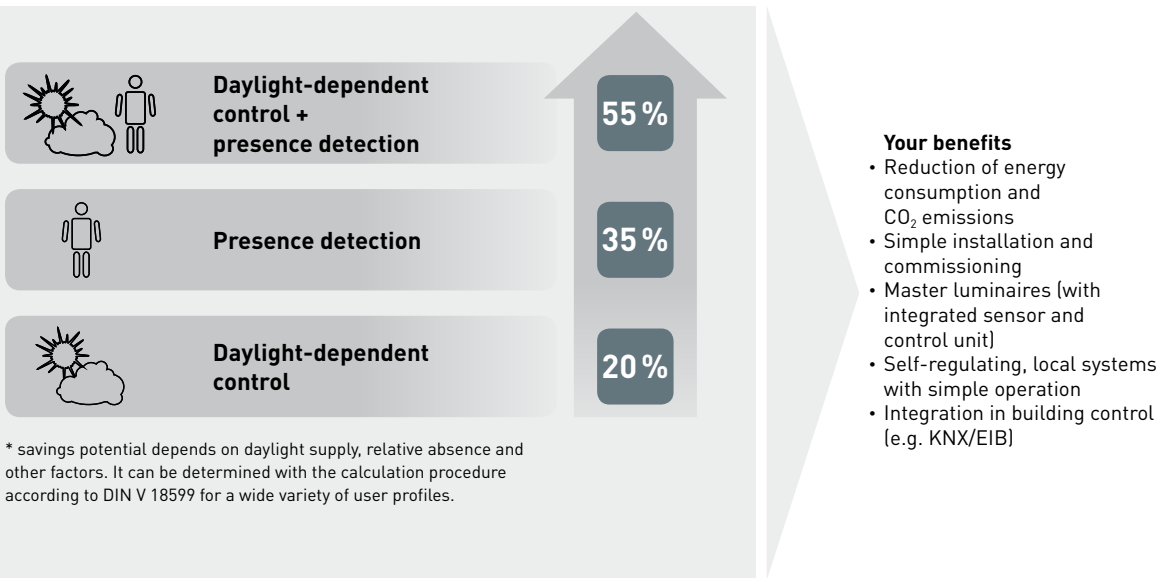
A photograph of a woman with blonde hair, wearing a purple tank top, standing in a bright, modern interior. She has her arms raised high, and her hands are positioned as if she is reaching towards a light source. The background shows a white wall and a ceiling with recessed lighting. The overall atmosphere is bright and positive.

## LIGHT MANAGEMENT

WELL-BEING WITH  
ACTIVATING LIGHTING

Medical advancements of the past years show that the biorhythm and therefore the further life functions of people are significantly influenced by light that accompanies them in their daily cycles. Their natural needs are characterised by evolution and so it therefore makes sense to adopt daylight as an example for the artificial lighting of our modern living environments. In particular, the blue component of light in the colour of the sky has been determined as our synchroniser. Modern light management can specifically control the light components in lighting to achieve tangibly more alertness and well-being. See pages 636 to 644 for more detailed information about suitable systems.

## Possible energy savings with TRILUX light management\*:



## SAVING ENERGY

Light management enables the energy-saving use of light. This means only using light where it's needed and only as much as necessary. For this purpose, electronic control components switch or dim lighting installations automatically.

The two essential functions of presence detection and daylight control are specifically implemented in all typical applications.

	Presence detection			Daylight-dependent control + presence detection				
	HF Sensor	OccuSwitch	OccuSwitch RF	LiveLink	OccuSwitch DALI	ActiLume	ActiLume 2	Free-standing luminaire →RF
<b>Office</b>				● <sup>1), 2), 3)</sup>				
Single office				● <sup>1), 2), 3)</sup>	● <sup>1), 3)</sup>	● <sup>2)</sup>	● <sup>2), 3)</sup>	● <sup>2)</sup>
Open-plan office				● <sup>1), 2), 3)</sup>	● <sup>1), 3)</sup>		● <sup>2), 3)</sup>	● <sup>2)</sup>
Conference room					● <sup>1), 3)</sup>		● <sup>2), 3)</sup>	
<b>Education</b>								
Classroom				● <sup>1), 2), 3)</sup>	● <sup>1), 3)</sup>		● <sup>2), 3)</sup>	
Canteen/auditorium				● <sup>1), 2), 3)</sup>	● <sup>1), 3)</sup>		● <sup>2), 3)</sup>	
Sports hall				● <sup>1), 2), 3)</sup>				
<b>Industry</b>								
Industrial hall	● <sup>2)</sup>			● <sup>1), 2), 3)</sup>			● <sup>2), 3)</sup>	
<b>Other areas</b>								
Corridor/stairway/ auxiliary rooms	● <sup>2)</sup>	● <sup>1)</sup>	● <sup>1)</sup>	● <sup>1), 2), 3)</sup>				

<sup>1)</sup> external installation <sup>2)</sup> luminaires integrated (master luminaire) <sup>3)</sup> luminaires integrated (master luminaire)

## 1 Free-standing luminaires (…+EDS+RF/…+ETDS+RF)

Free-standing luminaires with integrated light management systems control lighting self-sufficiently and are individually switchable and dimmable via a manual push-button. The luminaires can also establish a wireless network with other free-standing luminaires for exchanging occupancy information. This enables the avoidance of light islands and the work atmosphere can be increased.

## 2 Master luminaires

Luminaires with integrated light control components are termed master luminaires. They can be equipped with an EnOcean receiver for wireless remote control (…+EOM), with an HF sensor for presence detection (…+HFS), or with a complete DALI-based light management system (…+ActiM). The latter master luminaires are equipped with sensor, control unit and required connection terminals for controlling further luminaires via the DALI interface. This enables particularly simple installation of room-dimensioned light management.

This type of installation is prioritised particularly with suspended mounting and indirect light components. The parallel operation of several master luminaires in a single room or their integration into a building management system (e.g. KNX/EIB) is possible in many cases. TRILUX luminaires from nearly all series can be supplied as master luminaires on request.

## 3 Sensors for ceiling installation

Sensors for ceiling installation are available optionally for presence detection and daylight utilisation or only for presence detection. They also contain the complete control electronics and connection options for controlling up to 4 luminaire groups. The sensors can be used as single sensors, or together with other sensors or master luminaires via parallel operation. Integration into building management systems (e.g. KNX/EIB) is also possible.

## 4 Tablet or smartphone control

TRILUX LiveLink enables the integration of tablets or smartphones for commissioning and controlling lighting. Simply and flexibly design and plan your rooms using pre-configured room configurations (use cases), or simply create your own project-specific configurations with the TRILUX Use Case software. Installing luminaires as well as individual system components such as sensors and push-button interfaces is highly simple via DALI. Use the TRILUX LiveLink app for commissioning the installation and for later operation of the system.





## LiveLink – Intelligence Comes to Light

Optimum light with minimum energy consumption doesn't need to be complicated. The simply installed LiveLink light management system developed by TRILUX together with the sensor manufacturer STEINEL enables the highly simple planning and operation of control options for even complex lighting systems.

### Planning

#### Planning simpler than ever before

Preset room configurations (use cases) for typical applications in offices, schools and the industrial sector simplify individual project planning. Special lighting requirements and configurations can be created using the TRILUX Use Case software and exchanged with other project participants via the online connection to the TRILUX portal.

### Installation

#### Simple and rapid installation

LiveLink is quickly installed thanks to simple wiring. Only the mains connection and DALI control lines are needed to interconnect the luminaires and to establish connection to the control system.

### Commissioning

#### Rapid and intuitive using tablets

Programming and start-up is highly simple via an iOS or Android tablet. Selecting the use case and assigning luminaires and system components is carried out via the graphic user interface together with visual feedback messages from the system.

### Operation

#### Convenient operation

As well as with standard push-buttons on walls, LiveLink can also be conveniently controlled using an intuitive user interface on mobile end devices. If lighting requirements should change, the system parameters are conveniently adapted using the app.

### Technology

#### Best possible solutions thanks to a strong partnership

LiveLink brings together TRILUX expertise in terms of lighting and control with STEINEL sensor technology to create a reliable system, fulfilling all possible requirements for modern light management.

### Applications

#### Office



#### School



#### Industry





## Flexible DALI light management system for energy saving with preset room configurations (use cases) and integrated WLAN module

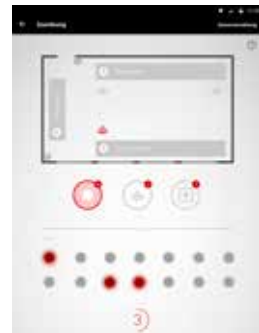


### Function

- TRILUX LiveLink DALI system with preset room configurations (use cases) for various applications in offices, schools and the industrial sector
- Simple creation of project-specific use cases using the TRILUX Use Case software direct from lighting planning – exchange with all project participants via the TRILUX portal
- Integration of LiveLink DALI sensors for constant light control and presence detection
- System suitable for external mounting and for integration in luminaires (master luminaires on request)
- Integrated WLAN module for commissioning and operation
- App-based commissioning (iOS and Android) via tablet (programming and assignment of luminaires and components using graphic interface)
- Freely configurable room scenes for individual operation using standard push-buttons or WLAN (tablet/smart phone)

For further information, see [www.trilux.com](http://www.trilux.com).

### Simple operation via app





## Light management for free-standing luminaires with daylight dependent control and presence detection



### Function

- Light management system specifically for free-standing luminaires
- Sensor and control device integrated in luminaire (single luminaire: ...EDS+RF / ...ETDS+RF)
- Energy savings via automatic presence detection and daylight-dependent constant light control
- Individually settable nominal value for single luminaire
- Luminaires automatically switched off with sufficient daylight
- Settable switch-off delay (1-30 mins.)
- Simple operation of single luminaires via push-button
- Wireless network consists of up to 15 wireless participants (e.g. ...EDS+RF / ...ETDS+RF free-standing luminaires)
- Combination with external radio components such as presence sensors and relays is possible
- Connecting further luminaires (operation as master luminaire) is not intended
- Wireless system commissioned via remote control

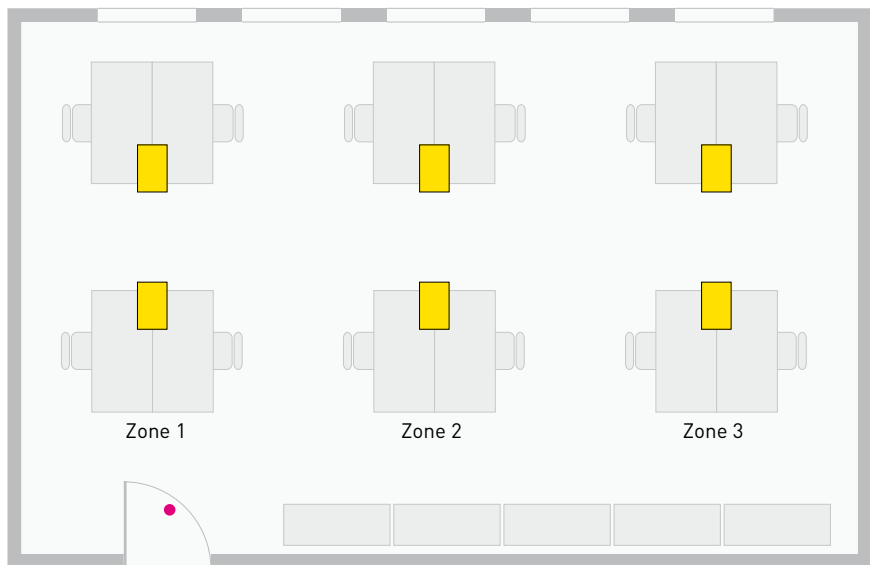



**Two operating modes** Modern office structures demand modern and alternative lighting solutions. By creating luminaire groups and intelligent communication between them, dark zones can be avoided in open-plan offices by non-occupied workstations being illuminated at reduced levels. TRILUX free-standing luminaires enable better work atmospheres by avoiding light islands with the grouping of luminaires and the forwarding of occupancy information via radio signals. The integrated system features two operating modes:

**Room mode** With room mode, all luminaires are combined into a group. As soon as a luminaire detects movement, all luminaires in the group switch on and begin to control according to daylight. When all luminaires no longer record the presence of a person, all luminaires in the group switch off following an individually settable switch-off delay time.

**Zone mode** With zone mode, the luminaire group previously created is divided into sub-zones. One zone can consist of either one or several luminaires. In this mode, daylight-dependent control is limited to the zone where movement occurs. All further zones are reduced to a set dimming level (approx. 20 %). When a further zone is entered this then also initiates daylight-dependent control. When all zones no longer detect movement, all the luminaire groups switch off following the individually settable switch-off delay time.

## Connection example



 Free-standing luminaires ...EDS+RF

 LMS OS RF Sensor

Wireless network consisting of 3 zones with individual daylight-dependent control for each free-standing luminaire and wireless exchange of presence information for the individual zones. Non-occupied zones dim to a reduced lighting level.

## Operation



Reference	TOC	Description
LMS ACTI UID 8410	63 116 00	Wireless remote control for commissioning the wireless network (creating groups and zones) and subsequent operation (switching and dimming of groups or zones, programming and re-calling up to 3 light scenes)

## Accessories



Reference	TOC	Description
LMS OS RF Sensor LRM1763	61 461 00	Radio sensor for presence detection (ceiling installation, detection range of 5 x 7m at a height of 2.5m), use in combination with OS RF Switch wireless switching relay



Reference	TOC	Description
LMS OS RF Sensor RC LRM1770	62 362 00	Radio sensor for presence detection (corner installation, detection range of 15 x 15 m at a height of 2.3 m), use in combination with OS RF Switch wireless switching relay

LMS OS RF Sensor W LRM1775	62 363 00	Radio sensor for presence detection (wall installation, detection range of 15 x 15 m at a height of 2.3 m), use in combination with OS RF Switch wireless switching relay
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LMS OS RF Sensor C LRM1765	62 364 00	Radio sensor for presence detection (wall installation, detection range of 6 x 45 m at a height of 2.3 m), use in combination with OS RF Switch wireless switching relay
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Reference	TOC	Description
LMS OS RF Switch LRA1750	61 462 00	Wireless switching relay for switching of mains power in combination with OS RF Sensor radio sensor



Reference	TOC	Description
LMS OS RF LCC1720 GST18i3	61 463 00	Wieland connection cable for the OS RF Switch radio switching relay





## External light management system with daylight-dependent control and presence detection for offices and classrooms



### Function

- Automatic presence detection and daylight-dependent constant light control
- Combined device consisting of control electronics and sensor
- Control of up to 15 DALI ECGs in 4 possible luminaire groups via addressing
  - Two control groups (window and corridor) in offset mode (+30 % of group on corridor side)
  - Two static groups, presence-dependent or manual control
- Installation height max. 4 m
- Detection range of motion sensor with two sensitivity levels
  - 4 x 5 metres for small movements (at desk)
  - 6 x 8 metres for large movements (moving in the room)
- Integrated shield for shadowing the motion sensor
- Presence detection expandable, connection of expansion sensors to the DALI line
- Connection via standard push buttons (switching and dimming of luminaire groups) via push button coupler on the DALI line
- Commissioning and operation via infrared remote control
- Switch-off delay time can be set (on the sensor) between 1 and 30 minutes
- 100 hours burn-in mode selectable

### Sensor variants

#### Basic:

- Connection terminals for 2 DALI groups (window, corridor) in broadcast mode
- Up to 4 DALI groups in addressing mode possible

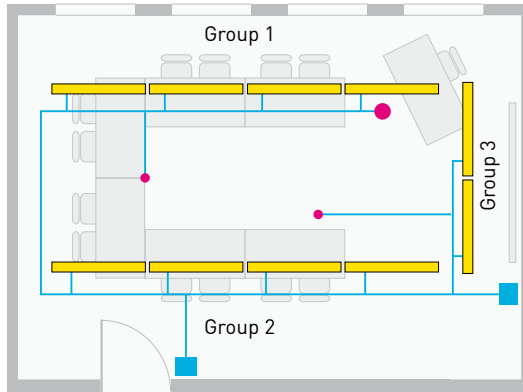
#### Advanced:

- 1 pair of connection terminals for DALI ECGs
- Up to 4 DALI groups in addressing mode possible
- Parallel connection of several sensors for exchange of motion information
- Up to 22 systems in parallel mode possible

#### BMS:

- 1 pair of connection terminals for DALI ECGs
- Up to 4 DALI groups in addressing mode possible
- System integration into a building management system (e.g. KNX/EIB) via standard DALI gateways

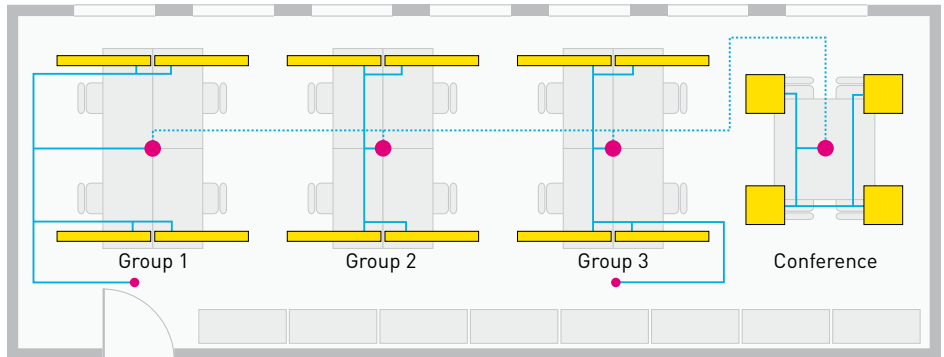
## Connection example Basic



Single mode: Single room solution for daylight-dependent control and presence detection.

- LMS OS DALI Sensor Basic (addressed)
- LMS ACTI LRM 8118 (expansion sensor)
- Push button on LMS ACTI PB 2070
- DALI line

## Connection example Advanced



- LMS OS DALI Sensor Adv
- LMS ACTI LRM 8118 (expansion sensor)
- DALI line
- ..... Sensor communication line

Parallel mode: Individual daylight-dependent control per luminaire group with common presence function. System connection (max. 22 systems) via a 2-core cable for exchange of motion information.

## System



Reference	TOC	Description
<b>LMS 05 DALI Sensor LRM2072 Basic</b>	61 453 00	Sensor for daylight control and presence detection, max. 15 DALI control units in two DALI groups
<b>LMS 05 DALI Sensor LRM2082 Adv</b>	61 454 00	Sensor for daylight control and presence detection, max. 15 DALI control units, group assignment via IRT8097/IRT8099 remote control, parallel operation of max. 22 sensors
<b>LMS 05 DALI Sensor LRM2092 BMS</b>	61 455 00	Sensor for daylight control and presence detection, max. 15 DALI control units, group assignment via remote control IRT8097/IRT8099, integration in building management via DALI

## Operation



Reference	TOC	Description
<b>LMS ACTI UID 8510</b>	59 909 00	Infrared wall operating panel for controlling lighting (switching and dimming function)



Reference	TOC	Description
<b>LMS ACTI PB 2070</b>	61 460 00	Push button coupler for connecting max. of 4 zero-potential push buttons (switching and dimming of DALI groups, single button operation), connection via the DALI line

## Accessories



Reference	TOC	Description
LMS ACTI LRM 8118	50 443 00	Expansion sensor for presence detection (ceiling installation, detection range of 5 x 6m at a height of 3.5 m), connection via DALI line



Reference	TOC	Description
LMS OS DALI Box LRH2070	61 456 00	Surface-mounted housing for OS DALI sensors
LMS ACTI LRH 8100	58 733 00	Surface-mounted housing to LRM8118 expansion sensor

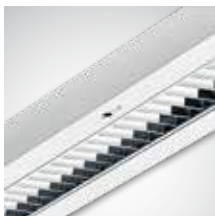


Reference	TOC	Description
LMS OS DALI LCC2070 GST18i3 BST14i2 Basic	61 457 00	Extension cable for Wieland connections (GST18 and BST14) of the OS DALI Basic
LMS OS DALI LCC2080 GST18i3 BST14i2 Adv BMS	61 458 00	Extension cable for Wieland connections (GST18 and BST14) of the OS DALI Adv and BMS

## Commissioning



Reference	TOC	Description
LMS ACTI IRT9090	63 265 00	IR remote control for commissioning with extended functions (nominal value, group assignment, operating mode, switch-on behaviour, IR group, testing the installation, reset)



**Flexible light management system for luminaire integration, with daylight-dependent control and presence detection for office and school applications**

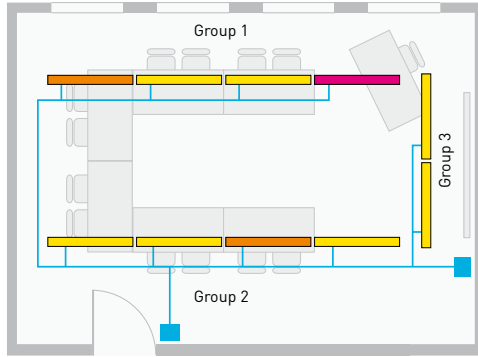


**Function**

- Automatic presence detection and daylight-dependent constant light control
- Sensor and control device integrated in luminaire (master luminaire: ...ActiM2, on request)
- Control of up to 34 DALI ECGs
  - Connection terminals for connecting two luminaire groups (window, corridor) in broadcast mode (automatic offset of + 30 % of group on corridor side)
  - Connection terminal for connecting one push button (activated mains phase) for common switching and dimming of window and corridor luminaire groups
- Up to 4 DALI groups in addressing mode possible
  - Two control groups (window and corridor) in offset mode (+30 % of group on corridor side)
  - Two static groups, presence-dependent or manual control
- Installation height max. 3.5 m
- Detection range of motion sensor with two sensitivity levels
  - 4 x 5 metres for small movements (at desk)
  - 6 x 8 metres for large movements (moving in the room)
- Presence detection expandable, connection of expansion sensors to the DALI line
- Connection of standard push buttons (switching and dimming of luminaire groups) via push button coupler on the DALI line
- Commissioning and operation via infrared remote control
- Switch-off delay can be set between 1 and 30 minutes
- 100 hours burn-in mode selectable



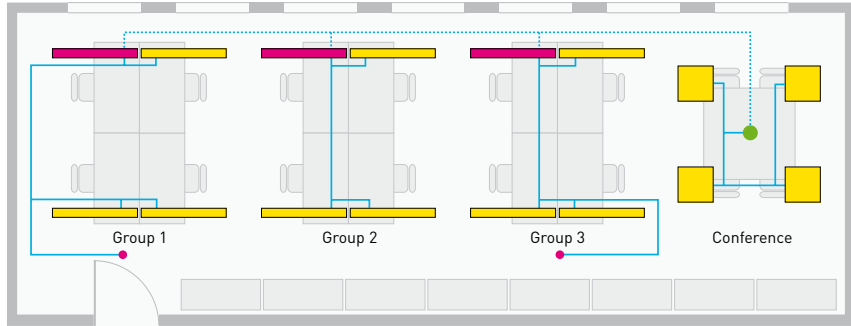
## Connection example single mode



- Master luminaire
- Sensor luminaire
- Push button on LMS ACTI PB 2070
- OS DALI Adv.
- LMS ACTI LRM 8118 (expansion sensor)
- KNX/DALI gateway
- DALI line
- Sensor communication line

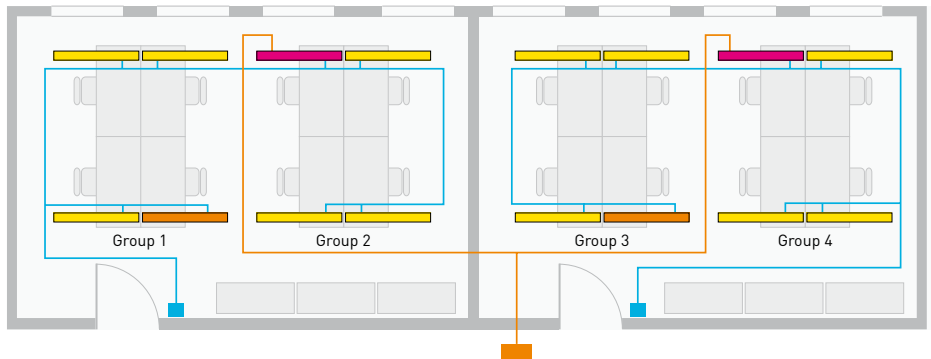
Single mode: Single room solution for daylight-dependent control and presence detection.

## Connection example for parallel mode



Parallel mode: Individual daylight-dependent control per luminaire group with common presence function. System connection (max. 64 systems) via a 2-core cable for exchange of motion information.

## Connection example for BMS mode



BMS mode: Possible system integration into a building management system (e.g. KNX/EIB) via standard DALI gateways.



## Flexible light management system for luminaire integration, with daylight-dependent control and presence detection for industrial applications

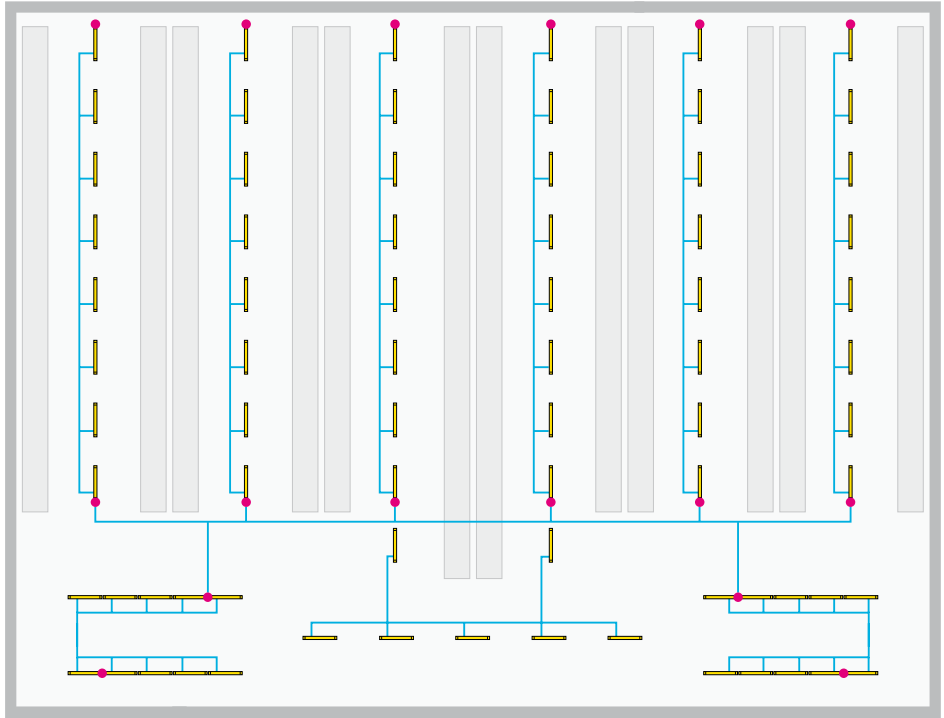


### Function

- Automatic presence detection and daylight-dependent constant light control
- Sensor and control device integrated in separate continuous line module (...ActiM2)
- System for control of up to 34 DALI ECGs
  - DALI connection terminal for connecting luminaires in broadcast mode
  - Connection terminal for parallel operation of further ActiLume-2 systems or for integration into a building management system (e.g. KNX/EIB) via standard DALI gateways
  - Connection terminal for connecting a push button (activated mains phase) for common switching and dimming of luminaires
- Division of connected luminaires into 4 possible groups via addressing
  - Two control groups (near to window and away from window) in offset mode (+ 30% between window-distant and window-near group)
  - Two static groups controlled according to presence or manually
- Sensor versions for different installation heights
  - Installation height max. 5 m (...ActiM2)
  - Installation height max. 15 m (...ActiM2 HB)
- Presence detection expandable, connection of expansion sensors (integrated in separate sensor modules) on the DALI line (...ActiS)
- Connection of standard push buttons (switching and dimming of luminaire groups) via push button coupler on the DALI line
- Commissioning via infrared remote control or PC software
- 100 hours burn-in mode selectable



**Connection example  
with ActiLume 2  
master gear tray**



- Master gear tray with integrated Actilume 2 (...+ ActiM2)

Parallel operation of hall, with daylight-dependent control in front area and presence detection over the complete hall (shelving aisles and general area). Unused shelving aisles dim to a reduced lighting level and return to complete illuminance when the aisles are occupied.

## Operation



Reference	TOC	Description
LMS ACTI UID 8510	59 909 00	Infrared wall operating panel for controlling lighting (switching and dimming function) via an ActiLume master luminaire





Reference	TOC	Description
LMS ACTI PB 2070	61 460 00	Push button coupler for connecting max. of 4 zero-potential push buttons (switching and dimming of single and common DALI groups, twin button operation), connection via the DALI line
LMS ACTI PB 2071	63 043 00	Push button coupler for connecting max. of 4 zero-potential push buttons (switching and dimming of single and common DALI groups, twin button operation), connection via the DALI line

## Accessories



Reference	TOC	Description
LMS ACTI LRM 8118	50 443 00	Expansion sensor for presence detection (ceiling installation, detection range of 5 x 6m at a height of 3.5 m), connection via DALI line
LMS ACTI LRH 8100	58 733 00	Surface-mounted housing to LRM8118 expansion sensor

## Commissioning



Reference	TOC	Description
LMS ACTI IRT9090	63 265 00	IR remote control for commissioning with extended functions (nominal value, group assignment, operating mode, switch-on behaviour, configuration of operating mode, background level, IR group, testing the installation, reset)



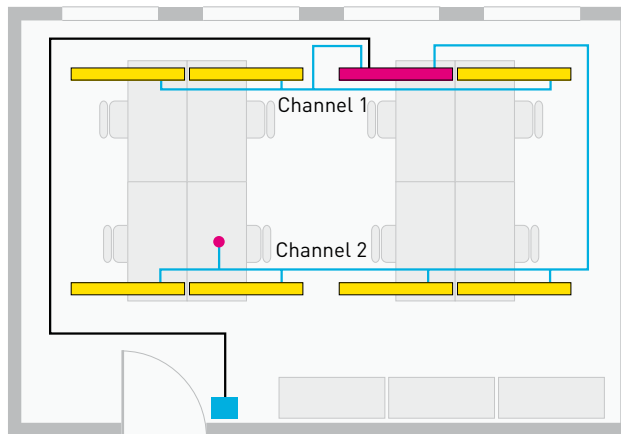
## Light management system for luminaire integration with daylight-dependent control and presence detection for small to medium areas



### Function

- Automatic presence detection and daylight-dependent constant light control
- Sensor and control device integrated in luminaire (master luminaire: ...ActiM, on request)
- Control of up to 10 DALI ECGs
  - Connection terminals for connecting two luminaire groups (window, corridor) in broadcast mode (automatic offset of + 30 % of group on corridor side)
  - Connection terminal for connecting a push button (activated mains phase) for common switching and dimming of luminaire groups
- Installation height max. 3.5 m
- Detection range of motion sensor with two sensitivity levels
  - 4 x 4 m for slight movements (at desk)
  - 5 x 6 m for large movements (moving in the room)
- Presence detection expandable, connection of expansion sensors to the DALI line
- Commissioning and operation via infrared remote control
- Switch-off delay time 15 minutes

### Connection example with ActiLume system luminaire



Single room solution for daylight-dependent control in two lighting groups with common presence detection

- Master luminaire
- LMS ACTI LRM 8118 (expansion sensor)
- Push button (230 V)
- Control phase (230 V)
- DALI connection

## Operation



Reference	TOC	Description
LMS ACTI UID 8510	59 909 00	Infrared wall operating panel for controlling lighting (switching and dimming function) via an ActiLume master luminaire

## Accessories



Reference	TOC	Description
LMS ACTI LRM 8118	50 443 00	Expansion sensor for presence detection (ceiling installation, detection range of 5 x 6m at a height of 3.5m), connection via DALI line
LMS ACTI LRH 8100	58 733 00	Surface-mounted housing to LRM8118 expansion sensor

## Commissioning



Reference	TOC	Description
LMS ACTI IRT9090	63 265 00	IR remote control for commissioning with extended functions (nominal value, operating mode, switch-on behaviour, background level, IR group, testing the installation, reset)



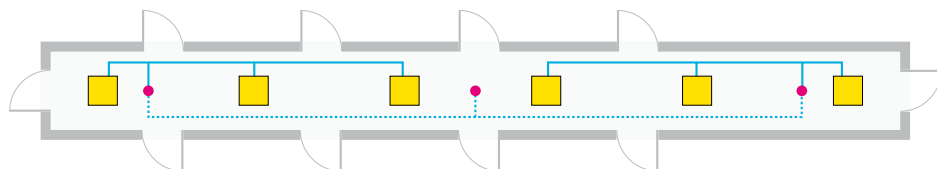
## External light management system for presence detection



### Function

- Energy savings via presence-dependent switching
- Additional savings via automatic switching off with sufficient brightness (settable threshold switch)
- Switching capacity 6A
- Installation height max. 4 m
- Detection range of motion sensor with two sensitivity levels
  - 4 x 5 m for slight movements (at desk)
  - 6 x 8 m for large movements (moving in the room)
- Integrated shield for shadowing the motion sensor
- Two sensor variants, basic and advanced. The advanced sensor enables the parallel operation of several sensors.
- Simple operation via remote control (switching of lighting)
- Switch-off delay time can be set (on the sensor) between 1 and 30 minutes
- Only switchable (non-dimmable) luminaires required

### Connection example



● LMS OS Sensor Adv

— 230 V, switched

..... Sensor communication line

Parallel mode: Common presence detection for switching the lighting. Sensor connection (max. 10) via a 2-core cable for exchange of motion information.

## System



Reference	TOC	Description
<b>LMS OS Sensor LRM1070 Basic</b>	61 449 00	Sensor for presence detection
<b>LMS OS Sensor LRM1080 Adv</b>	61 450 00	Sensor for presence detection Parallel operation of max. 10 sensors

## Accessories



Reference	TOC	Description
<b>LMS OS Box LRH1070</b>	61 451 00	Surface-mounted housing for OS Basic and Adv.



Reference	TOC	Description
<b>LMS OS LCC1070 GST18i3</b>	61 452 00	Extension cable for Wieland connection of OS Basic and Adv. sensors



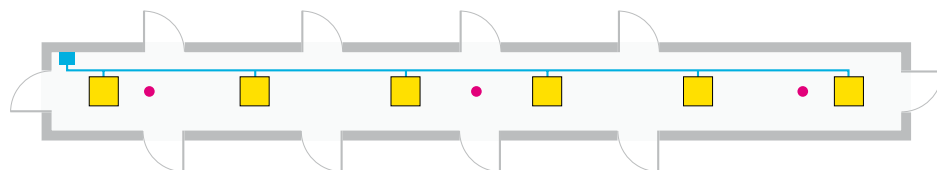
## External wireless light management system for presence detection



### Function

- Energy savings via presence-dependent switching
- Additional savings via automatic switching off with sufficient brightness (settable threshold switch)
- Battery operation of sensor
- Switching relay for external installation with 6A switching capacity
- Sensors for various applications (ceiling, wall, corner, corridor)
- Communication between sensor and switching relay via radio
- Parallel operation of several sensors via radio (max. 10 wireless participants)
- Switch-off delay time can be set (on the sensor) between 1 and 30 minutes
- Only switchable (non-dimmable) luminaires required
- Can be combined with free-standing luminaires ...EDS+RF / ...ETDS+RF

### Connection example



● MS OS RF sensor

■ LMS OS RF switch

— 230 V, switched

..... Sensor communication line

Common presence detection via wireless sensors for switching the lighting.  
Coupled with a wireless relay for switching the mains supply of the luminaires.

## System



Reference	TOC	Description
<b>LMS OS RF Sensor LRM1763</b>	61 461 00	Radio sensor for presence detection (ceiling installation, detection range of 5 x 7m at a height of 2.5m), use in combination with OS RF Switch wireless switching relay



Reference	TOC	Description
<b>LMS OS RF Sensor RC LRM1770</b>	62 362 00	Radio sensor for presence detection (corner installation, detection range of 15 x 15 m at a height of 2.3 m), use in combination with OS RF Switch wireless switching relay
<b>LMS OS RF Sensor W LRM1775</b>	62 363 00	Radio sensor for presence detection (wall installation, detection range of 15 x 15 m at a height of 2.3 m), use in combination with OS RF Switch wireless switching relay
<b>LMS OS RF Sensor C LRM1765</b>	62 364 00	Radio sensor for presence detection (wall installation, detection range of 6 x 45 m at a height of 2.3 m), use in combination with OS RF Switch wireless switching relay



Reference	TOC	Description
<b>LMS OS RF Switch LRA1750</b>	61 462 00	Wireless switching relay for switching of mains power in combination with OS RF Sensor radio sensor

## Accessories



Reference	TOC	Description
<b>LMS OS RF LCC1720 GST18i3</b>	61 463 00	Wieland connection cable for the OS RF Switch radio switching relay



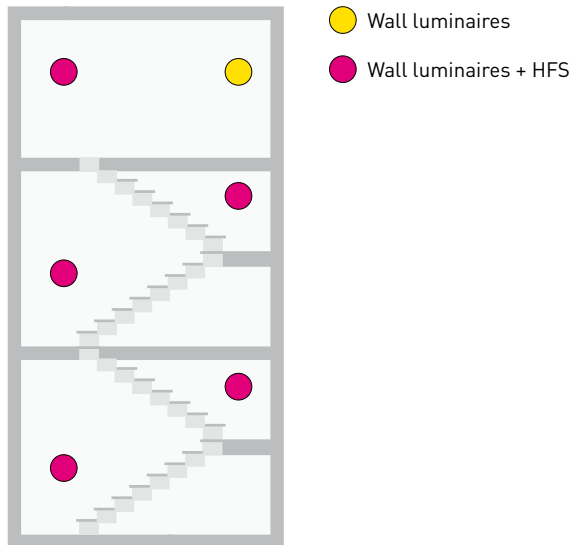
## Integrated light management system for presence detection



### Function

- Energy savings via presence-dependent switching
- Additional savings via settable threshold value (not switched on with sufficient brightness)
- Sensor integrated into luminaire (master luminaire: ...HFS, on request)
- All system settings implemented at the sensor:
  - switch-off delay: 10 secs. to 30 mins.
  - threshold value: 5 lx to 1000 lx
  - sensitivity (range) of sensor: 20 % to 100 %
- Installation height max. 4 m (ceiling) / max. 2.7 m (wall)
- Range of detection signal for motion detection max. 8 m
- Detection field of sensor: diameter max. 8 m

### Connection example



Presence detection via integrated HF sensors in wall luminaires for individual luminaire switching.





## Integrated light management system for presence detection with settable general lighting and forerunning light



### Function

- System for energy saving via presence-dependent switching, with possible additional savings via settable threshold value (no switch-on with sufficient brightness)
- Two sensor versions, switchable and DALI
  - switchable version as single luminaire (...ET+HFS)
  - DALI version as master luminaire for controlling a further 15 DALI luminaires (...ETDD+HFSB / ...ETDD+HFSX)
- Sensor and control device integrated into luminaire
- Installation height max. 4 m (ceiling) / max. 2.7 m (wall)
- Range of detection signal for motion detection: max. 8 m
- Detection field of sensor: diameter max. 8 m
- Commissioning via infrared remote control

### Switchable version

Switchable version (...ET+HFS):

- Single luminaire with integrated HF sensor for energy saving
- All system settings set via the LMS HFS RMC infrared remote control:
  - switch-off delay: 1 min. to 30 min.
  - threshold value: 5 lx to 1000 lx and individual learn mode
  - sensitivity (range) of sensor: 20 % to 100 %

### DALI version

DALI version (...ETDD+HFSB / ...ETDD+HFSX):

- Master luminaire (...ETDD+HFSB) with integrated HF DALI sensor for energy saving and expanded functions
- Settable basic level in switched off state for improved safety
- Forerunning light for maximum comfort
- All system settings set via the LMS HFSB/X RMC infrared remote control:
  - operating mode: standard mode / swarm mode
  - switch-off delay: 1 min. to 60 min.
  - threshold value: 2 lx to 1000 lx and individual learn mode
  - sensitivity (range) of sensor: three levels (1/3, 2/3, 3/3)
  - dimming level in switched-off state: 0 % (off) to 50 %
  - dimming level in switched-on state: 50 % to 100 %
  - four hours of continuous operation
- Control of up to 15 further DALI luminaires
- Further sensor luminaires (...ETDD+HFSX) can be connected to a master luminaire (...ETDD+HFSB) for expanding the system and expanding the detection range

## Accessories



Reference	TOC	Description
LMS HFS RMC	61 229 00	IR remote control for commissioning ...HFS luminaires (switch-off delay, threshold value, sensitivity and dim level)



Reference	TOC	Description
LMS HFSB/X RMC	64 878 00	IR remote control for commissioning ...HFSB and ...HFSX luminaires (operating mode, switch-off delay, threshold value, sensitivity, dim level in switched on and switched off state)



## Light sensor for daylight-dependent control of single luminaires or luminaire groups



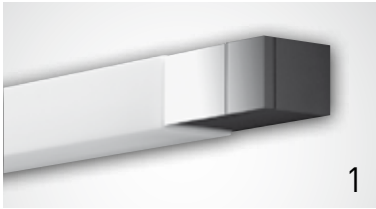
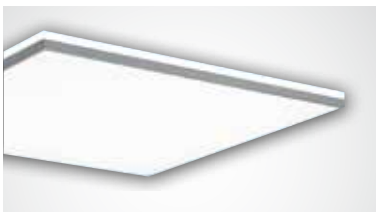
### Function

- Energy savings via daylight dependent dimming (without switching off luminaires)
- Simple plug-on light sensor for clipping onto the fluorescent tube (T5 and T8 lamps)
- For control of up to 10 electronic ballasts (1 ...10 V)
- Installation height max. 4 m
- Setting of sensor with slit by rotating the housing
- Can be installed in all RSX, RPX, RMV, RSV, RPV and RWV louvres

### LMS Dim Pico

Reference	TOC	Description
LMS Dim Pico 1	58 485 00	Clip-on light sensor for 1-10V interface, T5 and T8





### 1 Active luminaires

Active luminaires (e.g. BelvisoAct...) are luminaires suitable for activating white-white control. These luminaires are equipped with light sources in the scope of delivery, enabling luminaire operation with various light colours (colour temperatures). They feature separate DALI connection terminals for controlling the warm white and cool white light components (for broadcast and addressing mode).

Active luminaires can also be supplied on request as master luminaires with integrated light management system for colour temperature regulation.

### 2 Control components

Controls available can differ with regard to mounting and connection but also in terms of functions. All are based on a DALI interface, but some utilise broadcast mode without addressing and others require DALI addressing.

### 3 Light management for coloured light

In many public areas, applications with decorative coloured light are used. Often these are based on RGB colour mixing, whereby LED is increasingly used. The DALI Easy (broadcast mode of DALI ballasts and integration of special RGB Easy LED controllers) and DALI Dynamic Control (DALI addressing mode) systems are suitable for the individual setting of any light colour according to customer requirements and also for dynamic, time-controlled colour sequences.

### 4 Functionality

The range of functions includes the manual setting of colour temperatures, calling pre-set values and the automatic implementation of daytime sequences. Some of these systems can also be used for controlling coloured accent lighting.

4

	DALI Easy	DALI Dynamic Control	WW / RGBW Control	Timing Light
Patient/resident room	● 1), 2), 3), 4)		● 2), 3), 4)	● 1), 2), 3)
Treatment room	● 1), 2), 3), 4)	● 1), 3), 4)	● 2), 3), 4)	
Relaxation room	● 1), 2), 3), 4)	● 1), 3), 4)	● 2), 3), 4)	● 1), 2), 3)
OR/intensive care room	● 1), 2), 3), 4)		● 2), 3), 4)	
Corridor	● 1), 2), 3), 4)		● 2), 3), 4)	● 1), 2), 3)

<sup>1)</sup>external installation <sup>2)</sup>luminaires integrated (master luminaire) <sup>3)</sup>activating lighting <sup>4)</sup>colour accents



## DALI light management system for white-white control and support of the human day-night rhythm



### Function

- DALI light management system for simple control of Active luminaires and for support of the human day-night rhythm
- Wall operating panel (LMS WW Control Panel) with touch-sensitive buttons
  - freely definable colour temperature and brightness
  - free design of up to 4 lighting scenes
  - calling of a preset circadian daylight sequence
  - parallel switching of up to 3 operating panels
  - wall mounting in a GIRA 2-gang cover frame (included in supply)
- Clock module (LMS WW Clock Module) for automatic circadian sequences only
- DALI converter (LMS WW DALI Interface IRD200) for installing in luminaire (master luminaire on request), connection to wall operating panel or clock module
  - control of up to 16 Active luminaires
  - DALI addressing and broadcast mode
  - connection of wall operating panel or clock module via 4-wire YSTY cable
  - connection of 2 standard push-buttons, function can be freely selected
  - integrated relay for optional power disconnection in case of switching off (max. 1000 W)
- iOS smartphone app for expanded settings (TRILUX WW programmer) available via the Apple App store



Reference	TOC	Description
LMS WW Control Panel	64 720 00	Wall operating panel for manual control of Active luminaires via touch control panel (colour temperature, brightness, light scenes, circadian sequence), connection to DALI converter via YSTY cable, expanded programming via iOS app



Reference	TOC	Description
LMS WW DALI Interface IRD200	64 722 00	DALI converter for installing into luminaire (into master luminaire upon request), control of upto 16 Active luminaires



Reference	TOC	Description
LMS WW Clock Modul	64 724 00	Clock module for automatic circadian sequences, connection to DALI converter via YSTY cable, expanded programming via iOS app



## DALI Light management for accentuated colour changes and colour-dynamic lighting accents



### Function

- DALI light management system for simple control of RGB or RGBW luminaires
- Wall operating panel (LMS RGBW Control Panel) with touch-sensitive keys
  - freely definable colour mixing and brightness
  - separate control of RGB and W channel
  - free design of up to 4 lighting scenes
  - calling of a preset dynamic colour cycle
  - parallel switching of up to 3 operating panels
  - wall mounting using a GIRA 2-gang cover frame (included in supply)
- DALI converter (LMS WW DALI Interface IRD400) for installing into luminaire (into master luminaire upon request), connection to wall operating panel
  - control of up to 16 RGBW luminaires in DALI addressing mode
  - connection to wall operating panel via 4-core YSTY cable
  - integrated relay for optional power disconnection in case of switching off (max. 1000 W)



Reference	TOC	Description
LMS RGBW Control Panel	64 721 00	Wall operating panel for manual control of RGB(W) luminaires via touch control panel (colour mixing, brightness, light scenes, colour sequence), connection to DALI converter via YSTY cable



Reference	TOC	Description
LMS RGBW DALI Interface IRD400	64 723 00	DALI converter for installing into luminaire (into master luminaire upon request), control of up to 16 Active luminaires



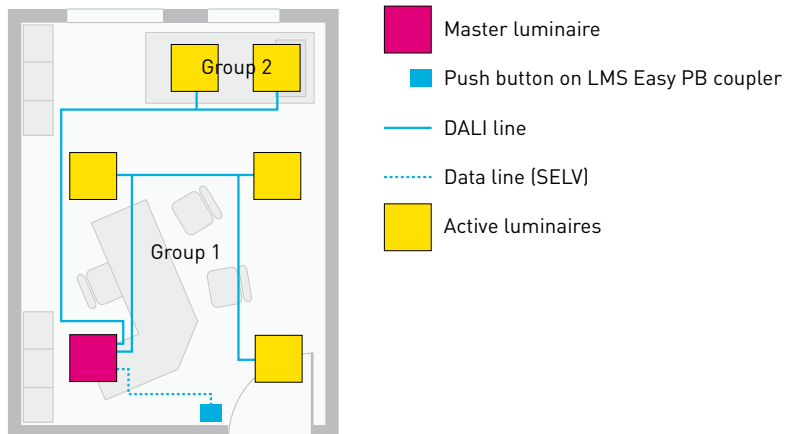
## Light management for white-white control and colour-dynamic lighting accents



### Function

- DALI control system for the simple control of Active luminaires and colour-dynamic lighting accents
  - up to 4 luminaire groups
  - up to 16 light scenes
  - up to 4 dynamic light sequences, also as complete day sequences
- Suitable for circadian daylight sequences (with external clock, further information upon request)
- Integration into Active master luminaires on request
- 4 DALI interfaces for controlling up to 32 DALI controllers in broadcast mode
  - connection of up to 32 DALI luminaires (white)
  - connection of up to 16 Active luminaires (WW)
- System expansion to up to 16 control devices for controlling larger lighting installations
- Operation via IR or wireless remote control
- Can be combined with DALI push control device for expanding operation via installation button
- Programming of basic functions via IR remote control
- Simple system software for complete configuration of all parameters
- Connection of all system components via data lines with RJ11 plug connection

### Connection example



White-white control for calling individual light scenes or dynamic colour cycles in two lighting groups. All DALI luminaires connected in broadcast mode (one DALI connection for each colour channel).



## DALI Easy system overview

Operating element



Easy IR RMC



Easy Hybrid Remote



Easy Color Drive



Push button



Movement detector



PC

Control device



Easy IR CI



Easy RC



Easy PB Coupler



Easy PC Kit



Easy SYS CP

Lamp control unit (ECG)



DALI Easy

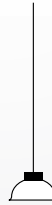
Lamps



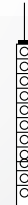
DALI



DALI



DALI



## System



Reference	TOC	Description
LMS DALI Easy	53 172 00	Controller for the dynamic control of DALI control units, separate connection of up to 4 luminaire groups (max. 32 DALI control units) in broadcast mode (no DALI addressing required)
LMS Easy CI Box	53 167 00	Mounting box for DALI Easy control unit, for VDE-compliant connection in ceilings or cavity walls
LMS Easy PC Kit	53 214 00	Easy Color Control software for programming and commissioning

## Operation



Reference	TOC	Description
LMS Easy PB Coupler	53 163 00	Push button coupler for connecting up to 8 installation buttons to a DALI Easy control unit (switching and dimming, calling/saving up to 8 light scenes)



Reference	TOC	Description
LMS Easy IR RMC	48 343 00	IR remote control for programming and calling four light scenes and one sequence, switching and dimming of the 4 channels (e.g. RGBW)



Reference	TOC	Description
LMS Easy Color Drive	59 728 00	Wireless wall operating element for operating DALI Easy system (switching and dimming, colour setting, calling sequence), OT 6/200-240/24 power supply required



Reference	TOC	Description
LMS Easy Hybrid Remote	59 729 00	Wireless manual remote control with wall bracket for operating a DALI Easy system (switching and dimming, colour setting, calling/saving up to 8 light scenes, calling 4 sequences), OT 6/200-240/24 power supply required

## Accessories



Reference	TOC	Description
<b>LMS Easy RC</b>	59 930 00	Radio receiver for LMS Easy Color Drive or LMS Easy Hybrid Remote
<b>OT 6/200-240/24</b>	59 730 00	24V DC power supply for LMS Easy Color Drive or LMS Easy Hybrid Remote



Reference	TOC	Description
<b>LMS Easy SYS CP</b>	58 431 00	System coupler for expanding the installation with further DALI Easy control units, connection via RJ11 data lines



Reference	TOC	Description
<b>LMS DALI Y-Connector</b>	58 482 00	Y-branching for system expansion



Reference	TOC	Description
<b>LMS Easy IR CI</b>	52 787 00	IR receiver for ceiling installation together with the IR remote control LMS Easy IR RMC



Reference	TOC	Description
<b>LMS Easy IR SK</b>	52 788 00	Ceiling installation set for LMS Easy IR CI receiver



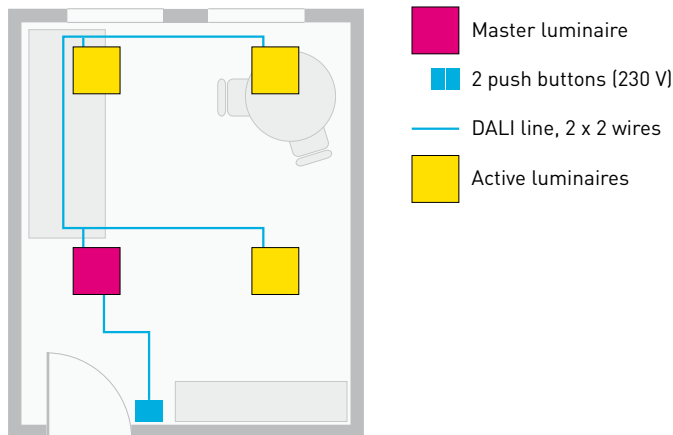
## Light management system for supporting the human day/night rhythm



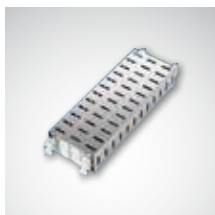
### Function

- Simple DALI light management system for supporting the human day/night rhythm with Active luminaires
- Suitable for circadian daylight sequences. All parameters saved in the Timing Light Controller
- Automatic daylight sequence with internal clock (buffered power supply)
- Control unit integrated in external installation box or in Active master luminaires (...+TLM, on request)
- Control of up to 10 Active luminaires
  - Connection terminals for connecting two DALI luminaire groups (warm white, cool white) in broadcast mode
  - Connection terminal for connecting a push button (activated mains phase) for activating complete illuminance
  - Connection terminal for connecting a push button (activated mains phase) for switching the system on and off (switch-on in circadian mode)

### Connection example



White-white control with automatic daylight sequence for circadian-supported lighting. All DALI luminaires connected in broadcast mode.



Reference	TOC	Description
LMS Active Kit	61 925 00	Timing Light controller box for installing in ceilings, for control of up to 10 Active luminaires, connection terminals for two DALI channels (warm white, cool white), two push button inputs (switch-on of circadian mode, 100% emergency mode)

# LIGHT MANAGEMENT

## MANUAL CONTROLS



### Simple DALI dimmer

Light management from TRILUX is based on the DALI interface. This applies to all control components that can be connected to luminaires. Simple, manual dimming without automatic functions should therefore also be based on this universal interface. Both the DALI potentiometer, representing a simple rotary dimmer for up to 25 luminaires and the DALI repeater that switches and dims up to 64 luminaires via push button control are ready for operation without supplementary components and without DALI commissioning (broadcast mode).

### DALI system expansion

DALI control units are fundamentally designed for operating a limited number of DALI participants. If larger luminaire quantities are to be operated, this is implemented with a DALI repeater.



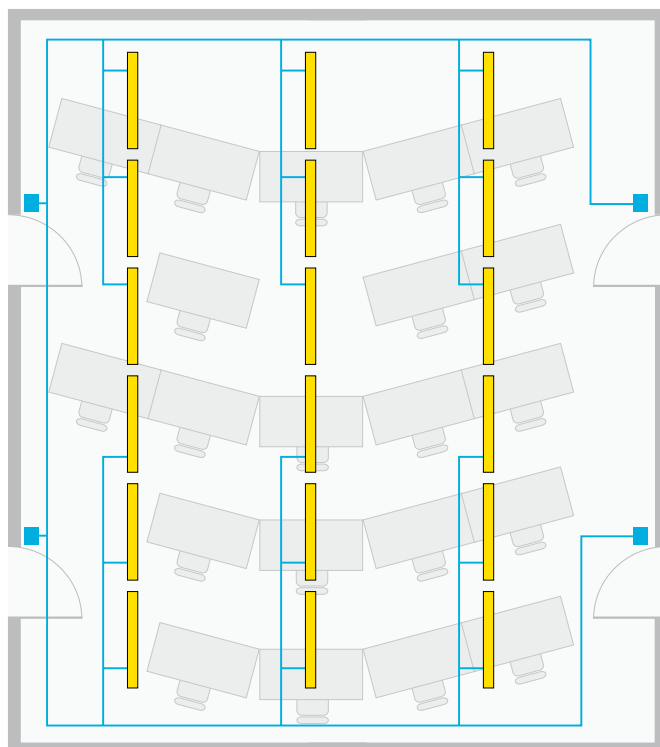


## Control components for manually controlling DALI luminaires

### Function

- Control components for individually setting the lighting level
- Either fixed switch-on value (saved via double click) or memory function (switching on again at last dimming value)
- Connection of several parallel operating panels
- DALI system expansion (DALI repeater only)

### Connections example with DALI potentiometer

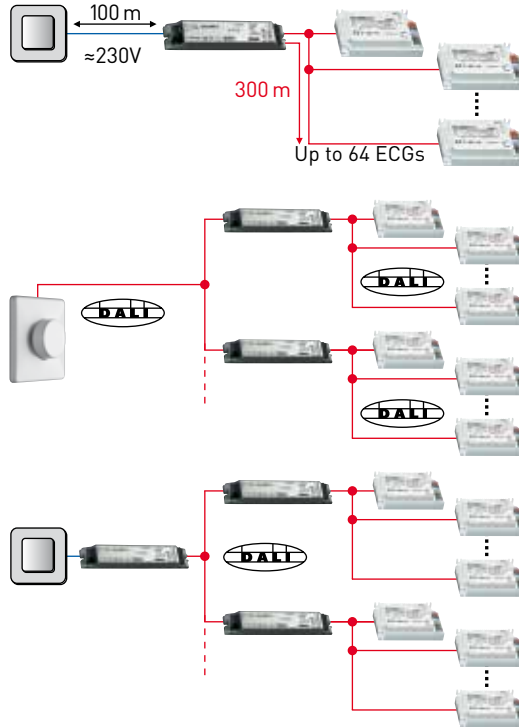


■ DALI potentiometer

— DALI line

Manual control of lighting via parallel DALI potentiometer.  
All DALI luminaires connected on a DALI line.

## DALI repeater



## LMS ToBeTouched DIM DALI



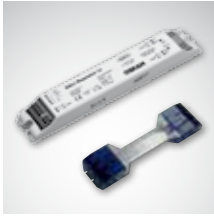
Reference	TOC	Description
LMS ToBeTouched DIM DALI	63 046 00	DALI control unit for switching and dimming of lighting, control of max. 15 DALI participants, parallel switching of max. 4 control units, installation in standard flush socket

## LMS DALI Poti



Reference	TOC	Description
LMS DALI Poti	58 432 00	DALI rotary potentiometer for switching and dimming of lighting, control of max. 25 DALI participants (expandable to 50 participants with parallel operation of a second DALI potentiometer), up to 4 operating panels

## LMS DALI Repeater



Reference	TOC	Description
<b>LMS DALI Repeater</b>	58 905 00	Control components for operation via Touch Dim (push button input for switching and dimming) and for DALI system expansion with a further 64 DALI participants in broadcast mode, cascading is possible
<b>LMS Easy CI Box</b>	53 167 00	Mounting box for DALI repeater, for VDE-compliant connection in ceilings or cavity walls



## EnOcean wireless system for manual control of Touch Dim luminaires

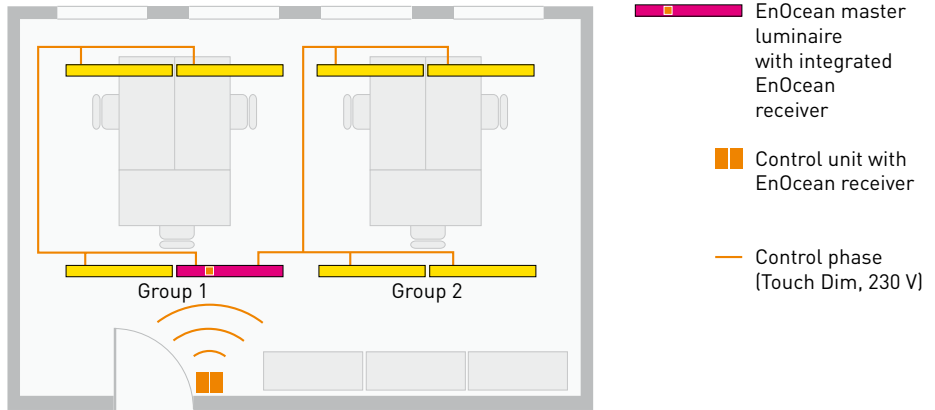
### Function

- Battery-free wireless push button function (EnOcean)
- Intuitive operation via wall/hand transmitter
- Parallel operation of several radio transmitters possible
- Control unit with EnOcean receiver and 2 independent push button outputs
- Control of up to 15 Touch Dim control units per push button output
- Push button outputs can also be used voltage-free
- Control unit can be integrated in master luminaires

### Technology

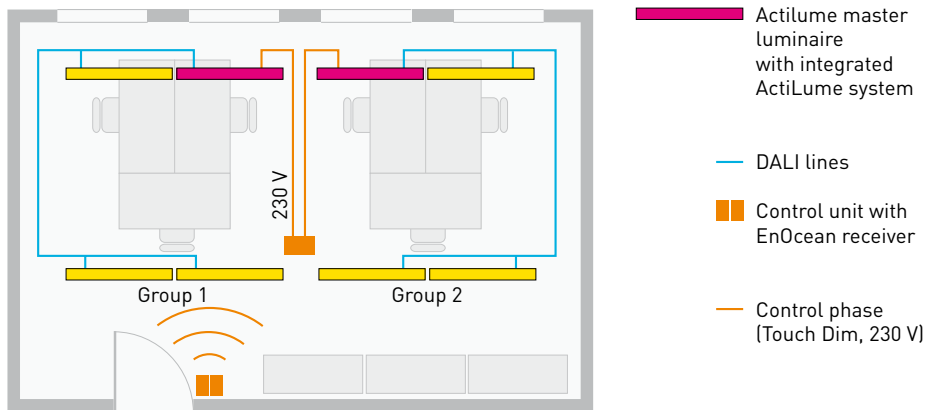
EnOcean is battery-free wireless technology. Energy is generated when an EnOcean push button is pressed and this energy is used to transmit a short radio signal to an EnOcean receiver.

### Connection example



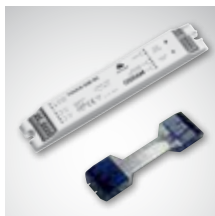
Manual control of Touch Dim luminaires via wireless EnOcean transmitter and receiver.

### Connection example



Manual control of light management systems with integrated Touch Dim input (e.g. ActiLume) via an EnOcean wireless transmitter and receiver. Suitable with non-existent wiring for manual control.

## System



Reference	TOC	Description
LMS Touch Dim RC	63 047 00	Control unit with EnOcean wireless receiver, function as two remote-controlled closing devices, for connecting Touch Dim luminaires (230 V) or for use as voltage-free push button.
LMS Easy CI Box	53 167 00	Mounting box for EnOcean wireless receiver, for VDE-compliant connection in ceilings or cavity walls

## Operation



Reference	TOC	Description
LMS Touch Dim RMC	60 120 00	EnOcean wireless wall transmitter for separate switching of up to 2 luminaire groups via an EnOcean master luminaire (...+EOM) or an EnOcean control unit



Reference	TOC	Description
LMS Touch Dim WCU	60 121 00	EnOcean wireless wall transmitter for separate switching of up to 2 luminaire groups via an EnOcean master luminaire (...+EOM)



### Trunking rail 190 of polyester resin for corrosive environments



Reference	TOC	Accessory description	≈kg
190/II/58	10 659 00	Mounting rail, twin length, length 3148 mm, polyester, light grey	3.6
190/III/58	10 660 00	Mounting rail, triple length, length 4722 mm, polyester, light grey	5.3

### End caps



Reference	TOC	Accessory description	≈kg
192N	10 666 00	End cap, plastic, light grey	0.1

### Blanking covers



Reference	TOC	Accessory description	≈kg
190 B/58	10 661 00	Blanking cover, plastic profile, light grey, length 1570 mm	0.1

### Trunking couplings



Reference	TOC	Accessory description	≈kg
191	10 664 00	Mounting rail coupling, especially robust, for precisely aligned continuous lines	0.1

### Cable retainers



Reference	TOC	Accessory description	≈kg
197	10 675 00	Cable retainers, bright zinc plated, for sheathed cable, Ø 12 mm [6 pcs.]	0.1

### Suspensions



Reference	TOC	Accessory description	≈kg
194N	10 671 00	Steel strip suspension	0.1

### Ceiling mounting fasteners



Reference	TOC	Accessory description	≈kg
193N	10 669 00	Ceiling mounting fastener, distance to fixing surface 15 mm	0.1

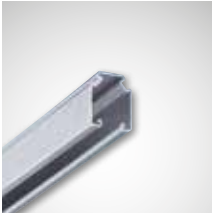
### Support brackets



Reference	TOC	Accessory description	≈kg
195N	14 796 00	Luminaire support bracket, for safe, sealed luminaire fixing	0.1

**Note:** The trunking rails and mounting accessories / suspensions are not suitable for use in acidic or chlorinate atmospheres.

### Trunking rails 190 VZ of sheet steel for corrosive environments



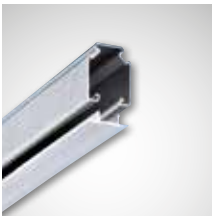
Reference	TOC	Accessory description	≈kg
190 VZ/II/58	10 662 00	Trunking rail, twin length, length 3148 mm, galvanised sheet steel	3.2
190 VZ/III/58	10 663 00	Mounting rail, triple length, length 4722 mm, galvanised sheet steel	4.8

### End caps



Reference	TOC	Accessory description	≈kg
192 VZ	10 667 00	End cap, plastic, light grey	0.1

### Blanking covers



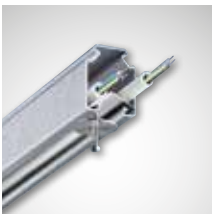
Reference	TOC	Accessory description	≈kg
190 B/58	10 661 00	Blanking cover, plastic profile, light grey, length 1570 mm	0.1

### Trunking couplings



Reference	TOC	Accessory description	≈kg
191 VZ	10 665 00	Trunking coupling of galvanised steel	0.1

### Cable retainers



Reference	TOC	Accessory description	≈kg
197 VZ	10 676 00	Cable restraints for cable feeding in 190 VZ/... trunking (6 pcs.)	0.1

### Suspensions



Reference	TOC	Accessory description	≈kg
194N	10 671 00	Steel strip suspension	0.1

### Suspension clamps



Reference	TOC	Accessory description	≈kg
196 VZ	47 585 00	Suspension clamp for chain suspension	0.1
196 VZ-K	47 586 00	Suspension clamp for chain suspension with turnbuckle and chain	0.3

### Ceiling mounting fasteners



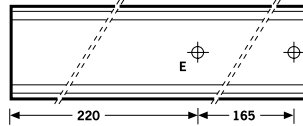
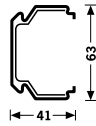
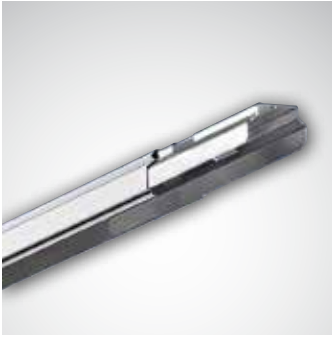
Reference	TOC	Accessory description	≈kg
193N	10 669 00	Ceiling mounting fastener, distance to fixing surface 15 mm	0.1

### Support brackets



Reference	TOC	Accessory description	≈kg
195 VZ	10 674 00	Luminaire support bracket of galvanised steel	0.1

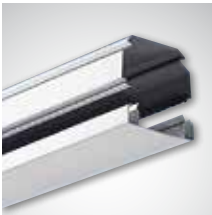
## Trunking



Reference <sup>1)</sup>	TOC	Description	≈kg
07690/II/58-U	21 918 00	Unwired trunking profile, white, 3060 x 63 x 41 mm	3.0
07690/III/58-U	21 938 00	Unwired trunking profile, white, 4590 x 63 x 41 mm	4.5

<sup>1)</sup> Fixing accessories starting page 590

## IP20 blanking covers



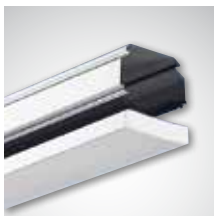
Reference	TOC	Description	≈kg
07690 B/510	21 944 00	1 piece, length 510 mm	0.1
07690 B/1020	21 941 00	1 piece, length 1020 mm	0.2
07690 B/36	21 942 00	1 piece, length 1230 mm	0.2
07690 B/36 PC	21 943 00	1 piece, length 1230 mm, polycarbonate	0.2
07690 B/58	21 945 00	1 piece, length 1530 mm	0.3
07690 B/58 PC	21 946 00	1 piece, length 1530 mm, polycarbonate	0.3

## IP20 trunking end caps



Reference	TOC	Description	≈kg
07690 E-R	21 947 00	1 piece, white, for round reflectors	0.1
07690 E-R PC	21 948 00	1 piece, white, for round reflectors, polycarbonate	0.1
07690 E-T	21 949 00	1 piece, white, for trapezoid reflectors	0.1
07690 E-T PC	21 950 00	1 piece, white, for trapezoid reflectors, polycarbonate	0.1



**IP50 blanking covers**

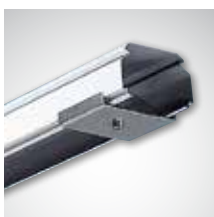
Reference	TOC	Description	=kg
07680 B/58	29 269 00	1 piece, white, length 1530 mm	0.3

**IP50 trunking end caps**

Reference	TOC	Description	=kg
07680 E-R	21 886 00	1 piece, white, for round reflectors	0.1

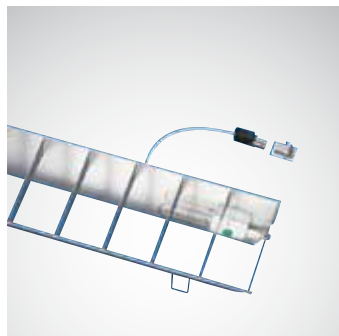
**Coupling sealings IP20, IP50**

Reference	TOC	Description	=kg
07680 KD	21 887 00	1 set, positioned within, concealed from outside	0.1

**Luminaire support brackets**

Reference	TOC	Description	=kg
07690 TL	21 966 00	1 pair, sheet steel, galvanised, for mounting luminaires, can be used at any location in the trunking	0.1

## For louvre luminaires



Reference	TOC	Description
Recessed louvre luminaires		
<b>545/E14</b>	12 031 00	E14 emergency socket, 25 W, for retro-fitting
<b>545/2G7 EB1</b>	12 030 00	Emergency light insert with single battery, for retro-fitting
<b>545/2G7 EB2</b>	14 980 00	Emergency light insert with single battery, for retro-fitting (external single battery)
<b>Enterio ZNO/E14</b>	47 195 00	E14 emergency light insert (only for multi-lamp luminaires)

Reference	Insert E14	Insert EB
Recess-mounted louvre luminaires		
<b>Enterio<sup>1)</sup></b>	Enterio ZNO/E14	on request
<b>Fidesca-SD 312...SD...</b>	545/E14	545/2G7 EB2
<b>Fidesca-SD 625...</b>	545/E14	545/2G7 EB2
<b>Fidesca-SD 300...SB...</b>	545/E14	545/2G7 EB2
<b>Fidesca-SD 600</b>	545/E14	545/2G7 EB2

<sup>1)</sup> Except single-lamp. Not for Enterio --OA--, --PA--.

### Assignment of the emergency light inserts

Assignment of the emergency light inserts to the diffuser luminaires is specified in the adjacent selection table.

### EB, UR

Integrated emergency light systems with single batteries or switching relays are assigned to the individual product series, or are available upon request.

## For diffuser luminaires



Reference	TOC
E14 emergency light sockets, for 25 watt tubular lamps	
<b>676/1</b>	12 381 00
<b>677/1</b>	12 383 00
<b>682/1</b>	12 389 00
<b>683/1</b>	12 390 00
<b>688/1</b>	12 393 00
<b>545/E14</b>	12 031 00

### Emergency light inserts 67..., 68... and 545/E 14

Many TRILUX diffuser luminaires for dry and damp rooms can be equipped on-site with special E14 emergency light sockets. Both incandescent lamps and compact fluorescent lamps with integrated ECG can be fitted.

Emergency light inserts for maintained or non-maintained operation, consisting of an E14 socket (green point-designated) for tubular incandescent lamps, wattage max. 25 W, lamp diameter max. 30 mm. With 2-pole connection terminal to 2.5 mm<sup>2</sup>, including fixing accessories and accessories for cable feeding with appropriate protection rating (not required with 677/1 and 682/1), version with safety class II. Mounting is via simple screw connections.

Reference	Insert E14
Recessed diffuser luminaires	
<b>Fidesca-BS 312 P...</b>	676/1
<b>Fidesca-BS 312 PS...</b>	545/E14
<b>Fidesca-BS 625</b>	676/1
<b>Fidesca-BS 300 P...</b>	676/1
<b>Fidesca-BS 300 PS...</b>	545/E14
<b>Fidesca-BS 600</b>	676/1
Surface-mounted diffuser luminaires	
<b>3441...</b>	688/1
<b>3451N...</b>	676/1
<b>3451 PN...</b>	676/1
<b>3452</b>	676/1
<b>3452 P...<sup>1)</sup></b>	676/1
<b>3452 PN...</b>	676/1
<b>3452 PSN...<sup>2)</sup></b>	676/1
<b>7402N...E<sup>3)</sup></b>	682/1
<b>7403N/2x...</b>	682/1
<b>7403N/TC11 E</b>	676/1

<sup>1)</sup> Twin-lamp, but not for TC 11 W.

<sup>2)</sup> Factory installation only.

<sup>3)</sup> Not for TR lamps.

### Assignment of the emergency light inserts

Assignment of the emergency light inserts to the diffuser luminaires is specified in the adjacent selection table.

### EB, UR

Integrated emergency light systems with single batteries or switching relays are assigned to the individual product series, or are available upon request.

# REPLACEMENT DIFFUSERS

for series/article	TOC	Replacement diffuser reference
<b>333...</b>		
3331 M(W)/14/24...	28 428 00	Diffuser 3331/14 replacement
3331 M(W)/28/54...	28 429 00	Diffuser 3331/28 replacement
3331 M(W)/35/49/80...	28 430 00	Diffuser 3331/35 replacement
3331 M(W) PC/14/24...	58 461 00	Diffuser 3331 PC/14 replacement
3331 M(W) PC/28/54...	58 462 00	Diffuser 3331 PC/28 replacement
3331 M(W) PC/35/49/80...	58 463 00	Diffuser 3331 PC/35 replacement
3331...T.../14/24...	28 431 00	Diffuser 3331 T/14 replacement
3331...T.../28/54...	28 432 00	Diffuser 3331 T/28 replacement
3331...T.../35/49/80...	28 433 00	Diffuser 3331 T/35 replacement
<b>344.../345...</b>		
3441 PSN/36...	28 444 00	Diffuser 3452 P/36 replacement
3441 PS.../58...	28 446 00	Diffuser 3452 P/58 replacement
3451N/36...	28 436 00	Diffuser 3451N/36 replacement
3451N/58...	28 437 00	Diffuser 3451N/58 replacement
3451 PN/36...	28 440 00	Diffuser 3451 PN/36 replacement
3451 PN/58...	28 441 00	Diffuser 3451 PN/58 replacement
3452/18...	28 601 00	Diffuser 7132/18 replacement
3452N/36...	28 442 00	Diffuser 3452/36 replacement
3452N/58...	28 443 00	Diffuser 3452/58 replacement
3452 P/18...	28 602 00	Diffuser 7132 P/18 replacement
3452 P/TC11...	28 603 00	Diffuser 7132 P/TC11 replacement
3452 P.../36...	28 444 00	Diffuser 3452 P/36 replacement
3452 P.../58...	28 446 00	Diffuser 3452 P/58 replacement
<b>390.../391...</b>		
3901 T/28/54...	52 098 00	Diffuser 3911 T/28 with catch, replacement
3911 T/28/54...	52 098 00	Diffuser 3911 T/28 with catch, replacement
3911 T/35/49/80...	43 464 00	Diffuser 3911 T/35 with catch, replacement
<b>504.../505...</b>		
5041 T/28/54...	28 504 00	Diffuser 5041 T/28/54 with catch, replacement
5041 T/35/49/80...	28 505 00	Diffuser 5041 T/35/49/80 with catch, replacement
5051 T/28/54...	28 504 00	Diffuser 5041 T/28/54 with catch, replacement
5051 T/35/49/80...	28 505 00	Diffuser 5041 T/35/49/80 with catch, replacement
<b>665...</b>		
6651.../14...	28 546 00	Diffuser 6651/14 replacement
6651.../28...	28 548 00	Diffuser 6651/28 replacement

# REPLACEMENT DIFFUSERS

for series/article	TOC	Replacement diffuser reference
<b>713...</b>		
7131/36...	28 597 00	Diffuser 7131/36 replacement
7131/58...	28 598 00	Diffuser 7131/58 replacement
7131 P/36...	28 599 00	Diffuser 7131 P/36 replacement
7131 P/58...	28 600 00	Diffuser 7131 P/58 replacement
7132/18...	28 601 00	Diffuser 7132/18 replacement
7132/36...	28 442 00	Diffuser 3452/36 replacement
7132/58...	28 443 00	Diffuser 3452/58 replacement
7132 P/18...	28 602 00	Diffuser 7132 P/18 replacement
7132 P/36...	28 444 00	Diffuser 3452 P/36 replacement
7132 P/58...	28 446 00	Diffuser 3452 P/58 replacement
7132 P/TC11...	28 603 00	Diffuser 7132 P/TC11 replacement
7132 PS/1x58...	28 446 00	Diffuser 3452 P/58 replacement
<b>740...</b>		
7401N...	28 689 00	Diffuser 7401N/2xTCD13 replacement
7402N...	28 691 00	Diffuser 7402N/TC11 replacement
<b>748...</b>		
7481/...	28 699 00	Diffuser 7481/TCD13 replacement
7481 PC...	28 700 00	Diffuser 7481 PC/TCD13 replacement
7482/...	28 703 00	Diffuser 7482/TCS11 replacement
7482 PC...	28 704 00	Diffuser 7482 PC/TCS11 replacement
7483/...	28 707 00	Diffuser 7483/TCL18 replacement
7483 PC...	28 708 00	Diffuser 7483 PC/TCL18 replacement
<b>Acuro</b>		
Acuro...114 (LED)...	60 481 00	Diffuser Acuro 114 replacement
Acuro...114 PC...	60 484 00	Diffuser Acuro 114 PC replacement
Acuro 128...	60 482 00	Diffuser Acuro 128 replacement
Acuro 139...	60 483 00	Diffuser Acuro 139 replacement
AcuroAct...LED...	60 482 00	Diffuser Acuro 128 replacement

# REPLACEMENT DIFFUSERS

for series/article	TOC	Replacement diffuser reference
<b>Aragon</b>		
Aragon 118 (114/24)...	28 799 00	Diffuser Aragon 118 replacement
Aragon 136 (128/54)...	28 800 00	Diffuser Aragon 136 replacement
Aragon 136 (128/54) S...	28 803 00	Diffuser Aragon 236 replacement
Aragon 158 (135/49/80)...	28 801 00	Diffuser Aragon 158 replacement
Aragon 158 (135/49/80) S...	28 804 00	Diffuser Aragon 258 replacement
Aragon 218 (214, 224)...	28 802 00	Diffuser Aragon 218 replacement
Aragon 236 (228, 254)...	28 803 00	Diffuser Aragon 236 replacement
Aragon 258 (235, 249, 280)...	28 804 00	Diffuser Aragon 258 replacement
<b>Deca</b>		
Deca WD1 213 PC...	52 774 00	Diffuser Deca WD1 213 PC replacement
Deca WD1 213 PMMA...	52 775 00	Diffuser Deca WD1 213 PMMA replacement
Deca WD2 218 PC...	52 776 00	Diffuser Deca WD2 218 PC replacement
Deca WD2 218 PMMA...	52 777 00	Diffuser Deca WD2 218 PMMA replacement
Deca WD3 324 PC...	52 778 00	Diffuser Deca WD3 324 PC replacement
Deca WD3 324 PMMA...	52 779 00	Diffuser Deca WD3 324 PMMA replacement
<b>Fidesca-BS</b>		
Fidesca-BS 300 P 228/54...	53 225 00	Diffuser Fidesca-BS 300 P 228 replacement
Fidesca-BS 300 PS 128/54...	53 225 00	Diffuser Fidesca-BS 300 P 228 replacement
Fidesca-BS 300 T 228/54...	53 226 00	Diffuser Fidesca-BS 300 T 228 replacement
Fidesca-BS 312 P 228/54...	53 227 00	Diffuser Fidesca-BS 312 P 228 replacement
Fidesca-BS 312 PS 128/54...	53 227 00	Diffuser Fidesca-BS 312 P 228 replacement
Fidesca-BS 312 T 228/54...	53 228 00	Diffuser Fidesca-BS 312 T 228 replacement
Fidesca-BS 600 P 414/24...	53 229 00	Diffuser Fidesca-BS 600 P 414 replacement
Fidesca-BS 600 T 414/24...	53 230 00	Diffuser Fidesca-BS 600 T 414 replacement
Fidesca-BS 625 P 414/24...	53 231 00	Diffuser Fidesca-BS 625 P 414 replacement
Fidesca-BS 625 T 414/24...	53 232 00	Diffuser Fidesca-BS 625 T 414 replacement
Fidesca-BS 625 T 3TCL36 E	53 232 00	Diffuser Fidesca-BS 625 T 414 replacement
<b>Liventy</b>		
Liventy 600 (625) OT...	58 433 00	Diffuser Liventy 600/625 replacement
Liventy 300 OT...	59 427 00	Diffuser Liventy 300 replacement
Liventy Flat 600 (625) OT...	59 428 00	Diffuser Liventy Flat 600/625 replacement
Liventy UXP-S 600 (625) OT...	58 434 00	Diffuser Liventy UXP 600/625 replacement
<b>Polaron</b>		
Polaron WD1 122 PC...	52 783 00	Diffuser Polaron WD1 122 PC replacement
Polaron WD1 122 PMMA...	52 780 00	Diffuser Polaron WD1 122 PMMA replacement
Polaron WD2 140 (155) PC...	52 784 00	Diffuser Polaron WD2 140 PC replacement
Polaron WD2 140 (155) PMMA...	52 781 00	Diffuser Polaron WD2 140 PMMA replacement
Polaron WD2 240 PC...	52 785 00	Diffuser Polaron WD2 240 PC replacement
Polaron WD2 240 PMMA...	52 782 00	Diffuser Polaron WD2 240 PMMA replacement

# REPLACEMENT DIFFUSERS

for series/article	TOC	Replacement diffuser reference
<b>Solvan</b>		
Solvan T 128/54...	53 311 00	<b>Diffuser Solvan T 128 replacement</b>
Solvan T 135/49/80...	53 312 00	<b>Diffuser Solvan T 135 replacement</b>
Solvan T 228...	53 313 00	<b>Diffuser Solvan T 228 replacement</b>
Solvan T 235/49...	53 314 00	<b>Diffuser Solvan T 235 replacement</b>

# CONTENT OUTDOOR



674  
**Publisca**  
LED



682  
**981...**  
(LED)



686  
**982...**  
(LED)



690  
**983...**  
(LED)



694  
**985...**  
(LED)



698  
**986...**  
(LED)



748  
**Altigo**  
LED



756  
**Skeo**  
LED





702  
987...  
LED



706  
Lumega IQ  
LED



718  
Viatana  
LED



724  
Cuvia 40  
LED



728  
Cuvia 60  
LED



732  
Lumega 600  
(LED)



740  
Lumega 700  
(LED)

### Luminaires for street lighting and residential areas



762  
ConStela  
LED



766  
884...  
LED



770  
HS  
(LED)



776  
Pareda  
(LED)



780  
Lutera 90  
LED



784  
Lutera 100  
LED



790  
Lutera 200  
(LED)

### Luminaires for pathways and architectural lighting



798  
Faciella  
(LED)



812  
Lumena 40  
LED



815  
Lumena 400



820  
Lumena Star  
70 LED

### Spots, wide-beam floodlights and projectors

Bezeichnung
Erstleuchte
Wanne 910/9103 Ersatz
Wanne 911/9112 Ersatz
Wanne 980 Ersatz
Wanne 983/980 Ersatz
Wanne 989 Ersatz

825  
Replacement  
parts



833  
Lamp data

Kürzel	Beschreibung
--03--	Silbergrau, ähnl
--05--	Tiefschwarz, ähnl
--24--	Grauweiß, ähnl
--26--	Anthrazit, ähnl
--27--	Anthrazit, ähnl
--0--	Dreieckig

Cover  
Index outdoor



Cover  
Icon  
explanation

### Technical notes





## Outdoor

Reference	LED	Page	Reference	LED	Page
<b>Altigo LED</b>			<b>Publisca LED</b>		
Altigo 300.../600.../1200...	•	750	Publisca P1...	•	676
Altigo 50.../80...	•	753	Publisca P2...	•	678
Altigo D...	•	752	<b>Skeo LED</b>		
Altigo W.../WT...	•	754	Skeo-C...	•	759
<b>884... series LED</b>			Skeo-P...	•	758
884...	•	766	<b>Viatana LED</b>		
<b>981... series (LED)</b>			Viatana...	•	720
981...	•	682	Viatana A...	•	721
<b>982... series (LED)</b>					
982...	•	686			
<b>983... series (LED)</b>					
983...	•	690			
<b>985... series (LED)</b>					
985...	•	694			
<b>986... series (LED)</b>					
986...	•	698			
<b>987... series LED</b>					
987...	•	702			
<b>ConStela LED</b>					
CS 23...	•	762			
<b>Cuvia LED</b>					
Cuvia 40...	•	724			
Cuvia 60...	•	728			
<b>Faciella (LED)</b>					
Faciella 08...	•	800			
Faciella 15...	•	803			
Faciella 20...	•	806			
<b>HS (LED)</b>					
HS...	•	770			
<b>Lumega (LED)</b>					
970... Lumega 600	•	732			
971... Lumega 700	•	740			
<b>Lumega IQ LED</b>					
LIQ 70...	•	708			
LIQ 90...	•	715			
<b>Lumena (LED)</b>					
Lumena 40...	•	812			
861... Lumena 400		815			
<b>Lumena Star 70 LED</b>					
LnStar 70...	•	820			
<b>Lutera (LED)</b>					
850... Lutera 90	•	780			
851... Lutera 100	•	784			
852... Lutera 200	•	790			
<b>Pareda LED</b>					
Pareda R...	•	778			
Pareda S...	•	779			

Find current product technical data  
in our online catalogue at:





[www.trilux.com/products-indoor](http://www.trilux.com/products-indoor)  
[www.trilux.com/products-outdoor](http://www.trilux.com/products-outdoor)  
[www.trilux.com/lightmanagement](http://www.trilux.com/lightmanagement)

## Application recommendations

				
<b>674</b> Publisca LED				
<b>680</b> 981... (LED) Lantern				
<b>686</b> 982... (LED) Decorative indirect lantern				
<b>690</b> 983... (LED) Conical lantern				
<b>Roads</b>				
Urban highways				
Traffic roads				
Main roads, residential roads				
Collection roads	•	•	•	•
Residential roads	•	•	•	•
Low-traffic roads	•	•	•	•
<b>Pedestrian areas</b>				
Pedestrian zones	•	•	•	•
Arcades and passages	•	•	•	•
Cycle paths				
Paths in parks and green areas	•	•	•	•
Residential facilities	•	•	•	•
Stairways and access areas	•	•	•	•
<b>Light around the building</b>				
<b>Squares</b>				
Traffic nodes, roundabouts				
Car parks	•	•	•	•
<b>Outdoor workplaces</b>				
Building sites				
Works roads				
Harbour and shipping facilities				
Warehousing and container areas				
Power stations				
Quarries and mining				
<b>Airports</b>				
Apron lighting				
<b>Sports centres</b>				
Stadiums				
Tennis courts				
Swimming centres, ice rinks				
Golf courses				
Cross country ski courses				
Ski slopes				
<b>High halls</b>				
Airport halls				
High sports halls				
Works halls				
Trade fair halls				
<b>Accent lighting</b>				






## Application recommendations

				
	<b>748</b> Altigo LED	<b>759</b> Skeo-C LED	<b>758</b> Skeo-P LED	<b>762</b> ConStela LED
<b>Roads</b>				
Urban highways				
Traffic roads				
Main roads, residential roads				●
Collection roads				●
Residential roads				●
Low-traffic roads				●
<b>Pedestrian areas</b>				
Pedestrian zones	●			●
Arcades and passages	●	●	●	●
Cycle paths				
Paths in parks and green areas			●	●
Residential facilities	●	●	●	●
Stairways and access areas	●	●	●	●
<b>Light around the building</b>	●	●	●	●
<b>Squares</b>				
Traffic nodes, roundabouts				
Car parks				
<b>Outdoor workplaces</b>				
Building sites				
Works roads				
Harbour and shipping facilities				
Warehousing and container areas				
Power stations				
Quarries and mining				
<b>Airports</b>				
Apron lighting				
<b>Sports centres</b>				
Stadiums				
Tennis courts				
Swimming centres, ice rinks				
Golf courses				
Cross country ski courses				
Ski slopes				
<b>High halls</b>				
Airport halls				
High sports halls				
Works halls				
Trade fair halls				
<b>Accent lighting</b>	●			



## Application recommendations

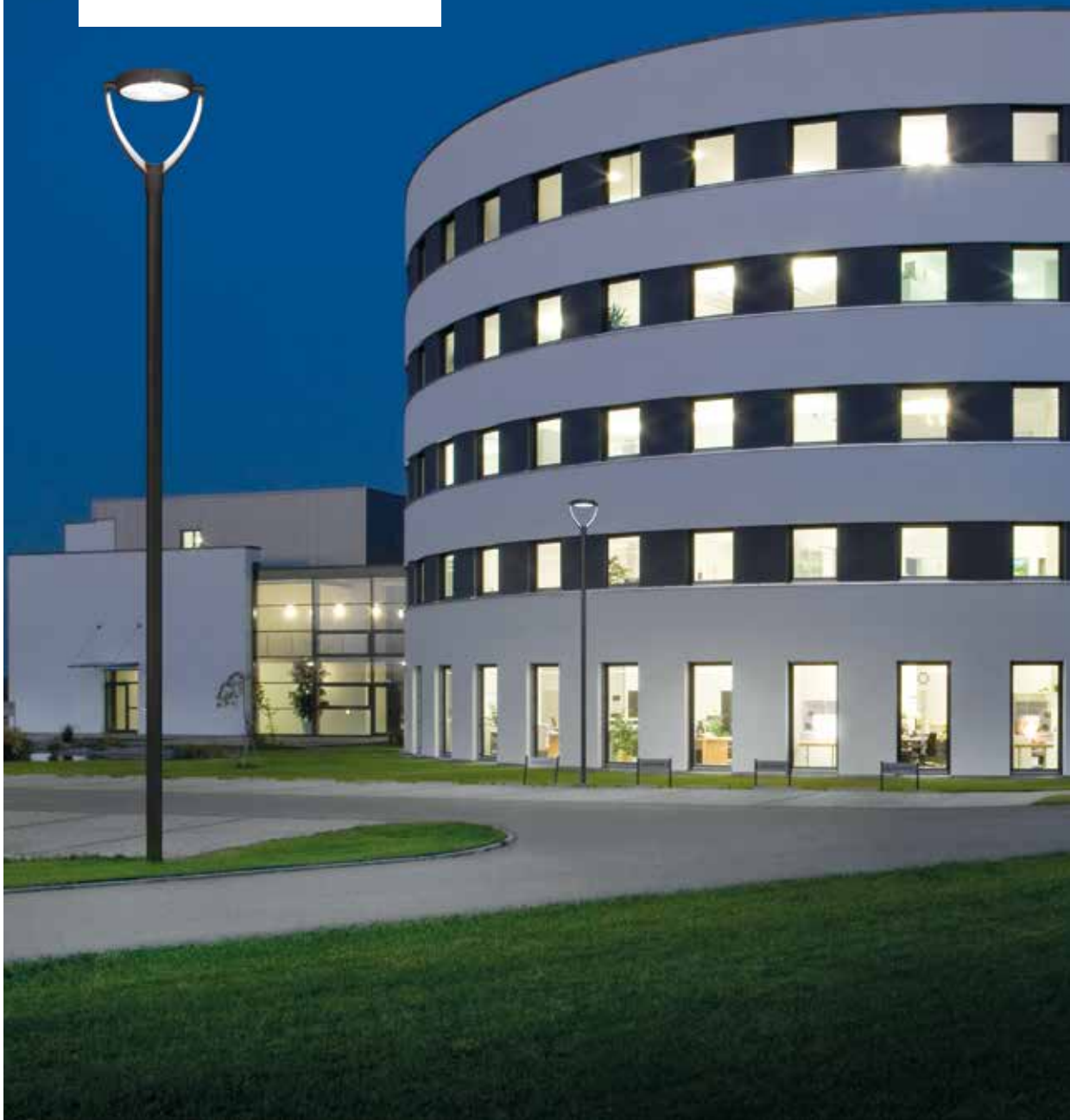
	 <b>798</b> Faciella (LED)	 <b>810</b> Lumena 40 LED	 <b>815</b> 861... Lumena 400
<b>Roads</b>			
Urban highways			
Traffic roads			
Main roads, residential roads			
Collection roads			•
Residential roads			•
Low-traffic roads			•
<b>Pedestrian areas</b>			
Pedestrian zones	•	•	
Arcades and passages	•	•	
Cycle paths			
Paths in parks and green areas			
Residential facilities			
Stairways and access areas		•	•
<b>Light around the building</b>	•	•	
<b>Squares</b>			
Traffic nodes, roundabouts		•	•
Car parks		•	•
<b>Outdoor workplaces</b>			
Building sites			
Works roads			•
Harbour and shipping facilities			
Warehousing and container areas			
Power stations			
Quarries and mining			
<b>Airports</b>			
Apron lighting			
<b>Sports centres</b>			
Stadiums			
Tennis courts			
Swimming centres, ice rinks			
Golf courses			
Cross country ski courses			•
Ski slopes			
<b>High halls</b>			
Airport halls			
High sports halls			
Works halls			
Trade fair halls			
<b>Accent lighting</b>	•	•	





# PUBLISCA LED

DECORATIVE POST-TOP  
LED LUMINAIRES



## THE PUBLIC'S FAVOURITE WITH RELIABLE TECHNOLOGY

- Various light colours, mounting heights, luminaire luminous flux levels, distribution characteristic and designs provide perfect light for paths, residential roads, squares and urban districts.
- The modular design enables all photometric parameters to be precisely modified to the application area.
- With its tiltable luminaire head the Publisca LED can be stored to save space and is transported simply, efficiently and with environment protection.



3-5 m



> 80,000 h



switchable and dimmable (DALI), switchable



Power reduction via control phase (LR) or self-regulating (LRA)

MLT: Multi-Lens Technology



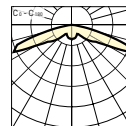
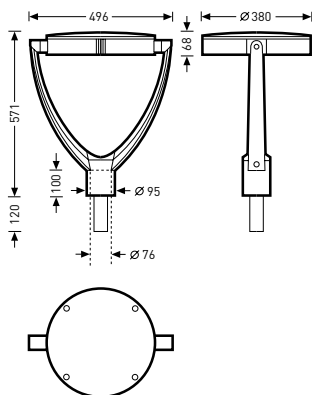
Freely accessible connection module



Two design variants

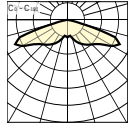
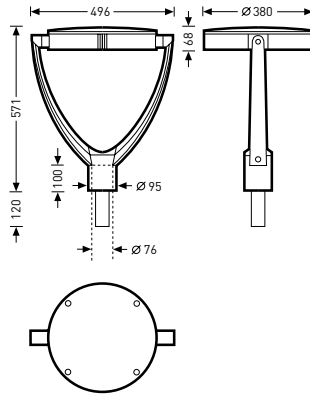


## Decorative post-top luminaires with parabolic post mounting element (P1), asymmetric wide distribution (AB)



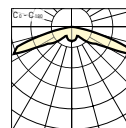
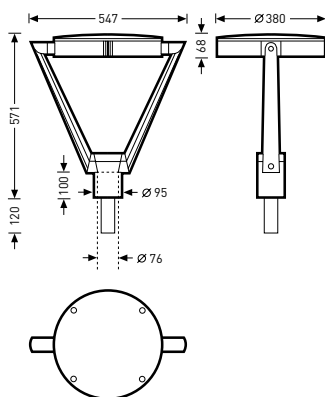
Reference	TOC	...ETDD	...ET		W	≈kg
LED						
Publisca P1-AB/1500-740...26	62 355...	...51	...40	1500 lm	19	9.0
Publisca P1-AB/2000-730...26	61 337...	...51	...40	2000 lm	27	9.0
Publisca P1-AB/2000-740...26	61 338...	...51	...40	2300 lm	27	9.0
Publisca P1-AB/3000-730...26	61 339...	...51	...40	3000 lm	38	9.0
Publisca P1-AB/3000-740...26	61 340...	...51	...40	3300 lm	38	9.0
Publisca P1-AB/4000-730...26	61 341...	...51	...40	4000 lm	57	9.1
Publisca P1-AB/5000-740...26	61 342...	...51	...40	4300 lm	57	9.1
LED, with power reduction (LR)						
Publisca P1-LR-AB/1500-740...26	62 356...	-	...40	1500 lm	19	9.1
Publisca P1-LR-AB/2000-730...26	61 343...	-	...40	2000 lm	27	9.1
Publisca P1-LR-AB/2000-740...26	61 344...	-	...40	2300 lm	27	9.1
Publisca P1-LR-AB/3000-730...26	61 345...	-	...40	3000 lm	38	9.1
Publisca P1-LR-AB/3000-740...26	61 346...	-	...40	3300 lm	38	9.1
Publisca P1-LR-AB/4000-730...26	61 347...	-	...40	4000 lm	57	9.2
Publisca P1-LR-AB/5000-740...26	61 348...	-	...40	4300 lm	57	9.2
LED, with power reduction, self-regulating (LRA)						
Publisca P1-LRA-AB/1500-740...26	62 357...	-	...40	1500 lm	19	9.1
Publisca P1-LRA-AB/2000-730...26	61 355...	-	...40	2000 lm	27	9.1
Publisca P1-LRA-AB/2000-740...26	61 356...	-	...40	2300 lm	27	9.1
Publisca P1-LRA-AB/3000-730...26	61 357...	-	...40	3000 lm	38	9.1
Publisca P1-LRA-AB/3000-740...26	61 358...	-	...40	3300 lm	38	9.1
Publisca P1-LRA-AB/4000-730...26	61 359...	-	...40	4000 lm	57	9.2
Publisca P1-LRA-AB/5000-740...26	61 360...	-	...40	4300 lm	57	9.2

## Decorative post-top luminaires with parabolic post mounting element (P1), rotationally symmetric wide distribution (RB)



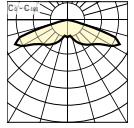
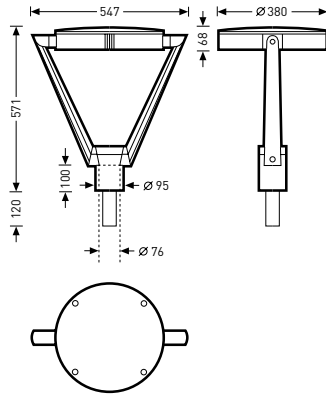
Reference	TOC	...ETDD	...ET		W	=kg
LED						
Publisca P1-RB/2000-730...26	61 367...	...51	...40	2100 lm	27	9.0
Publisca P1-RB/2000-740...26	61 368...	...51	...40	2100 lm	25	9.0
Publisca P1-RB/3000-730...26	61 369...	...51	...40	3100 lm	38	9.0
Publisca P1-RB/3000-740...26	61 370...	...51	...40	3400 lm	38	9.0
Publisca P1-RB/4000-730...26	61 371...	...51	...40	4100 lm	57	9.1
Publisca P1-RB/5000-740...26	61 372...	...51	...40	4400 lm	57	9.1
LED, with power reduction (LR)						
Publisca P1-LR-RB/2000-730...26	61 349...	-	...40	2100 lm	27	9.1
Publisca P1-LR-RB/2000-740...26	61 350...	-	...40	2100 lm	25	9.1
Publisca P1-LR-RB/3000-730...26	61 351...	-	...40	3100 lm	38	9.1
Publisca P1-LR-RB/3000-740...26	61 352...	-	...40	3400 lm	38	9.1
Publisca P1-LR-RB/4000-730...26	61 353...	-	...40	4100 lm	57	9.2
Publisca P1-LR-RB/5000-740...26	61 354...	-	...40	4400 lm	57	9.2
LED, with power reduction, self-regulating (LRA)						
Publisca P1-LRA-RB/2000-730...26	61 361...	-	...40	2100 lm	27	9.1
Publisca P1-LRA-RB/2000-740...26	61 362...	-	...40	2100 lm	25	9.1
Publisca P1-LRA-RB/3000-730...26	61 363...	-	...40	3100 lm	38	9.1
Publisca P1-LRA-RB/3000-740...26	61 364...	-	...40	3400 lm	38	9.1
Publisca P1-LRA-RB/4000-730...26	61 365...	-	...40	4100 lm	57	9.2
Publisca P1-LRA-RB/5000-740...26	61 366...	-	...40	4400 lm	57	9.2


## Decorative post-top luminaires with trapezoid post mounting element (P2), asymmetric wide distribution (AB)



Reference	TOC	...ETDD	...ET		W	≈kg
LED						
Publisca P2-AB/1500-740...26	62 358...	...51	...40	1500 lm	19	9.6
Publisca P2-AB/2000-730...26	61 373...	...51	...40	2000 lm	27	9.6
Publisca P2-AB/2000-740...26	61 374...	...51	...40	2300 lm	27	9.6
Publisca P2-AB/3000-730...26	61 375...	...51	...40	3000 lm	38	9.6
Publisca P2-AB/3000-740...26	61 376...	...51	...40	3300 lm	38	9.6
Publisca P2-AB/4000-730...26	61 377...	...51	...40	4000 lm	57	9.7
Publisca P2-AB/5000-740...26	61 378...	...51	...40	4300 lm	57	9.7
LED, with power reduction (LR)						
Publisca P2-LR-AB/1500-740...26	62 359...	-	...40	1500 lm	19	9.7
Publisca P2-LR-AB/2000-730...26	61 379...	-	...40	2000 lm	27	9.7
Publisca P2-LR-AB/2000-740...26	61 380...	-	...40	2300 lm	27	9.7
Publisca P2-LR-AB/3000-730...26	61 381...	-	...40	3000 lm	38	9.7
Publisca P2-LR-AB/3000-740...26	61 382...	-	...40	3300 lm	38	9.7
Publisca P2-LR-AB/4000-730...26	61 383...	-	...40	4000 lm	57	9.8
Publisca P2-LR-AB/5000-740...26	61 384...	-	...40	4300 lm	57	9.8
LED, with power reduction, self-regulating (LRA)						
Publisca P2-LRA-AB/1500-740...26	62 360...	-	...40	1500 lm	19	9.7
Publisca P2-LRA-AB/2000-730...26	61 391...	-	...40	2000 lm	27	9.7
Publisca P2-LRA-AB/2000-740...26	61 392...	-	...40	2300 lm	27	9.7
Publisca P2-LRA-AB/3000-730...26	61 393...	-	...40	3000 lm	38	9.7
Publisca P2-LRA-AB/3000-740...26	61 394...	-	...40	3300 lm	38	9.7
Publisca P2-LRA-AB/4000-730...26	61 395...	-	...40	4000 lm	57	9.8
Publisca P2-LRA-AB/5000-740...26	61 396...	-	...40	4300 lm	57	9.8

## Decorative post-top luminaires with trapezoid post mounting element (P2), rotationally symmetric wide distribution (RB)



Reference	TOC	...ETDD	...ET		W	=kg
LED						
Publisca P2-RB/2000-730...26	61 403...	...51	...40	2100 lm	27	9.6
Publisca P2-RB/2000-740...26	61 404...	...51	...40	2100 lm	25	9.6
Publisca P2-RB/3000-730...26	61 405...	...51	...40	3100 lm	38	9.6
Publisca P2-RB/3000-740...26	61 406...	...51	...40	3400 lm	38	9.6
Publisca P2-RB/4000-730...26	61 407...	...51	...40	4100 lm	57	9.7
Publisca P2-RB/5000-740...26	61 408...	...51	...40	4400 lm	57	9.7
LED, with power reduction (LR)						
Publisca P2-LR-RB/2000-730...26	61 385...	-	...40	2100 lm	27	9.7
Publisca P2-LR-RB/2000-740...26	61 386...	-	...40	2100 lm	25	9.7
Publisca P2-LR-RB/3000-730...26	61 387...	-	...40	3100 lm	38	9.7
Publisca P2-LR-RB/3000-740...26	61 388...	-	...40	3400 lm	38	9.7
Publisca P2-LR-RB/4000-730...26	61 389...	-	...40	4100 lm	57	9.8
Publisca P2-LR-RB/5000-740...26	61 390...	-	...40	4400 lm	57	9.8
LED, with power reduction, self-regulating (LRA)						
Publisca P2-LRA-RB/2000-730...26	61 397...	-	...40	2100 lm	27	9.7
Publisca P2-LRA-RB/2000-740...26	61 398...	-	...40	2100 lm	25	9.7
Publisca P2-LRA-RB/3000-730...26	61 399...	-	...40	3100 lm	38	9.7
Publisca P2-LRA-RB/3000-740...26	61 400...	-	...40	3400 lm	38	9.7
Publisca P2-LRA-RB/4000-730...26	61 401...	-	...40	4100 lm	57	9.8
Publisca P2-LRA-RB/5000-740...26	61 402...	-	...40	4400 lm	57	9.8

### Reduction pieces

Reference	TOC	Accessory description	=kg
0970/60	22 234 00	Reduction piece, for post spigot Ø 60 mm	0.1

## SERIES 98... (LED)

DECORATIVE  
POST-TOP LUMINAIRES





## A SYMBIOSIS OF DESIGN AND FUNCTION

- The 98 series provides uniform, glare-free illumination of the complete road section and is therefore a guarantee for high levels of safety.
- A variety of versions for the systematic illumination of roads and squares.
- Rapid, simple mounting, a long service life and longer maintenance cycles with minimal maintenance effort.
- E-block inserted and replaced without tools.



3-5 m



> 80,000 h



switchable



Power reduction via control phase (LR),  
 self-regulating power reduction (LRA)

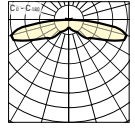
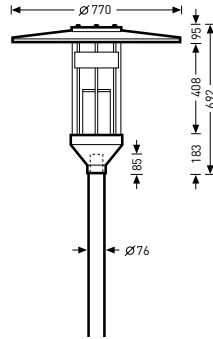
LED variants as MLT versions  
 also available

Service setting depth  
 simplifies maintenance

Rapid luminaire mounting  
 provides cost savings

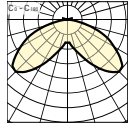
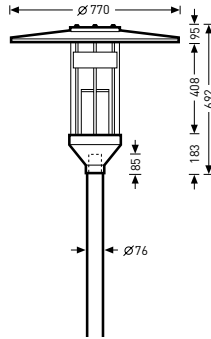


## Lanterns with asymmetric wide distribution secondary optics (IA)



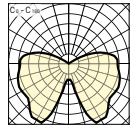
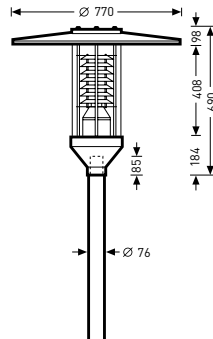
Reference	TOC	...ET	...E		W	≈kg
LED						
9811 IA/1200-830 1G1P...	64 987...	...40	-	1200 lm	18	9.1
9811 IA/1200-840 1G1P...	64 986...	...40	-	1200 lm	17	9.1
9811 IA/1500-830 1G1P...	64 989...	...40	-	1500 lm	23	9.1
9811 IA/1500-840 1G1P...	64 988...	...40	-	1500 lm	21	9.1
9811 IA/1800-830 1G1P...	64 991...	...40	-	1800 lm	25	9.1
9811 IA/1800-840 1G1P...	64 990...	...40	-	1800 lm	24	9.1
9811 IA/2000-830 1G1P...	64 997...	...40	-	2000 lm	28	9.1
9811 IA/2000-840 1G1P...	64 996...	...40	-	2000 lm	26	9.1
9811 IA/2200-840 1G1P...	65 002...	...40	-	2200 lm	28	9.1
LED, with power reduction (LR)						
9811 IA-LR/1800-830 1G1P...	64 993...	...40	-	1800 lm	25	9.1
9811 IA-LR/1800-840 1G1P...	64 992...	...40	-	1800 lm	24	9.1
9811 IA-LR/2000-830 1G1P...	64 999...	...40	-	2000 lm	28	9.1
9811 IA-LR/2000-840 1G1P...	64 998...	...40	-	2000 lm	26	9.1
9811 IA-LR/2200-840 1G1P...	65 003...	...40	-	2200 lm	28	9.1
LED, with power reduction, self-regulating (LRA)						
9811 IA-LRA/1800-830 1G1P...	64 995...	...40	-	1800 lm	25	9.1
9811 IA-LRA/1800-840 1G1P...	64 994...	...40	-	1800 lm	24	9.1
9811 IA-LRA/2000-830 1G1P...	65 001...	...40	-	2000 lm	28	9.1
9811 IA-LRA/2000-840 1G1P...	65 000...	...40	-	2000 lm	26	9.1
9811 IA-LRA/2200-840 1G1P...	65 004...	...40	-	2200 lm	28	9.1
HIT						
9811 IA/70HIT-CE...	59 986...	-	...04	1 x HIT-CE 70		8.5

## Lanterns with rotationally symmetric wide distribution secondary optics (IS)



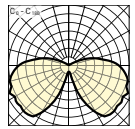
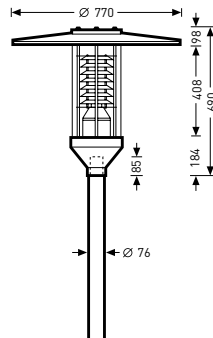
Reference	TOC	...ET	...E		W	=kg
LED						
9811 IS/1200-830 1G1P...	65 006...	...40	-	1200 lm	18	9.1
9811 IS/1200-840 1G1P...	65 005...	...40	-	1200 lm	17	9.1
9811 IS/1500-830 1G1P...	65 008...	...40	-	1500 lm	23	9.1
9811 IS/1500-840 1G1P...	65 007...	...40	-	1500 lm	21	9.1
9811 IS/1800-830 1G1P...	65 010...	...40	-	1800 lm	25	9.1
9811 IS/1800-840 1G1P...	65 009...	...40	-	1800 lm	24	9.1
9811 IS/2000-830 1G1P...	65 016...	...40	-	2000 lm	28	9.1
9811 IS/2000-840 1G1P...	65 015...	...40	-	2000 lm	26	9.1
9811 IS/2200-840 1G1P...	65 021...	...40	-	2200 lm	28	9.1
LED, with power reduction (LR)						
9811 IS-LR/1800-830 1G1P...	65 012...	...40	-	1800 lm	25	9.1
9811 IS-LR/1800-840 1G1P...	65 011...	...40	-	1800 lm	24	9.1
9811 IS-LR/2000-830 1G1P...	65 018...	...40	-	2000 lm	28	9.1
9811 IS-LR/2000-840 1G1P...	65 017...	...40	-	2000 lm	26	9.1
9811 IS-LR/2200-840 1G1P...	65 022...	...40	-	2200 lm	28	9.1
LED, with power reduction, self-regulating (LRA)						
9811 IS-LRA/1800-830 1G1P...	65 014...	...40	-	1800 lm	25	9.1
9811 IS-LRA/1800-840 1G1P...	65 013...	...40	-	1800 lm	24	9.1
9811 IS-LRA/2000-830 1G1P...	65 020...	...40	-	2000 lm	28	9.1
9811 IS-LRA/2000-840 1G1P...	65 019...	...40	-	2000 lm	26	9.1
9811 IS-LRA/2200-840 1G1P...	65 023...	...40	-	2200 lm	28	9.1
HIT						
9811 IS/70HIT-CE...	59 990...	-	...04	1 x HIT-CE 70		8.5

Lanterns with asymmetric lamella optic (LA)



Reference	TOC	...E		≈kg
9812 LA/TCL18-24...	49 408...	...04	2 x TC-L 18/24	8.3

Lanterns with lamella optic (LO)

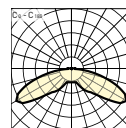
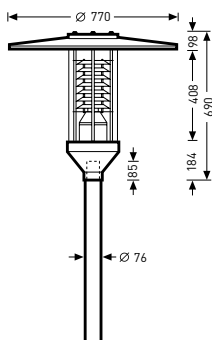


Reference	TOC	...E	...K		≈kg
9811 LO/50-70HSE-E... <sup>1) 2)</sup>	13 784...	-	...02	1 x HSE-E 50/70	9.9
9811 LO/TCT26/32/42...	13 787...	...04	-	1 x TC-T 26/32/42	8.2
9812 LO/TCL18-24...	13 816...	...04	-	2 x TC-L 18/24	9.7
With power reduction [LR]					
9811 LO-LR/70HSE-E... <sup>1)</sup>	13 791...	-	...02	1 x HSE-E 70	10.0

<sup>1)</sup>Lamp for external ignition

<sup>2)</sup>Switchable control unit, pre-set to low level

## Lanterns with asymmetric specular optic (SA)

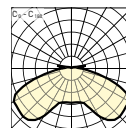
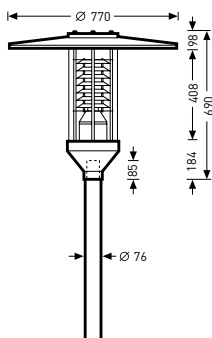


Reference	TOC	...E	...K		=kg
9811 SA/50-70HSE-E... <sup>1)2)</sup>	13 795...	-	...02	1 x HSE-E 50/70	9.9
9811 SA/TCT26/32/42...	13 798...	...04	-	1 x TC-T 26/32/42	8.2
With power reduction (LR)					
9811 SA-LR/70HSE-E... <sup>1)</sup>	13 802...	-	...02	1 x HSE-E 70	10.0

<sup>1)</sup> Lamp for external ignition

<sup>2)</sup> Switchable control unit, pre-set to low level

## Lanterns with cylinder optic (ZO)

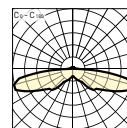
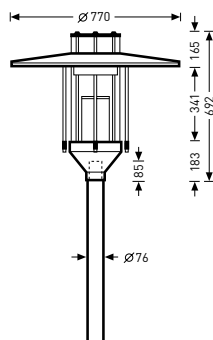


Reference	TOC	...E	...K		=kg
9811 ZO/50-70HSE-E... <sup>1)2)</sup>	13 806...	-	...02	1 x HSE-E 50/70	9.9
9811 ZO/TCT26/32/42...	13 810...	...04	-	1 x TC-T 26/32/42	8.2
With power reduction (LR)					
9811 ZO-LR/70HSE-E... <sup>1)</sup>	13 814...	-	...02	1 x HSE-E 70	10.0

<sup>1)</sup> Lamp for external ignition

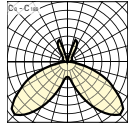
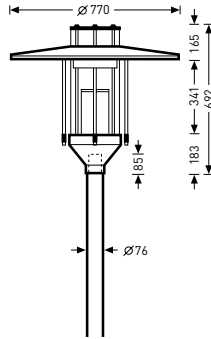
<sup>2)</sup> Switchable control unit, pre-set to low level

## Indirect lanterns with asymmetric wide distribution secondary optics (IA)



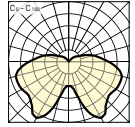
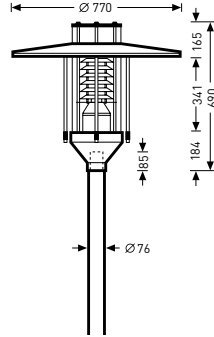
Reference	TOC	...ET	...E		W	=kg
LED						
9821 IA/1200-830 1G1P...	65 025...	...40	-	1200 lm	18	10.8
9821 IA/1200-840 1G1P...	65 024...	...40	-	1200 lm	17	10.8
9821 IA/1500-830 1G1P...	65 027...	...40	-	1500 lm	23	10.8
9821 IA/1500-840 1G1P...	65 026...	...40	-	1500 lm	21	10.8
9821 IA/1800-830 1G1P...	65 029...	...40	-	1800 lm	25	10.8
9821 IA/1800-840 1G1P...	65 028...	...40	-	1800 lm	24	10.8
9821 IA/2000-830 1G1P...	65 035...	...40	-	2000 lm	28	10.8
9821 IA/2000-840 1G1P...	65 034...	...40	-	2000 lm	26	10.8
9821 IA/2200-840 1G1P...	65 040...	...40	-	2200 lm	28	10.8
LED, with power reduction (LR)						
9821 IA-LR/1800-830 1G1P...	65 031...	...40	-	1800 lm	25	10.8
9821 IA-LR/1800-840 1G1P...	65 030...	...40	-	1800 lm	24	10.8
9821 IA-LR/2000-830 1G1P...	65 037...	...40	-	2000 lm	28	10.8
9821 IA-LR/2000-840 1G1P...	65 036...	...40	-	2000 lm	26	10.8
9821 IA-LR/2200-840 1G1P...	65 041...	...40	-	2200 lm	28	10.8
LED, with power reduction, self-regulating (LRA)						
9821 IA-LRA/1800-830 1G1P...	65 033...	...40	-	1800 lm	25	10.8
9821 IA-LRA/1800-840 1G1P...	65 032...	...40	-	1800 lm	24	10.8
9821 IA-LRA/2000-830 1G1P...	65 039...	...40	-	2000 lm	28	10.8
9821 IA-LRA/2000-840 1G1P...	65 038...	...40	-	2000 lm	26	10.8
9821 IA-LRA/2200-840 1G1P...	65 042...	...40	-	2200 lm	28	10.8
HIT						
9821 IA/70HIT-CE...	59 994...	-	...04	1 x HIT-CE 70		9.0

Indirect lanterns with rotationally symmetric wide distribution secondary optics (IS)



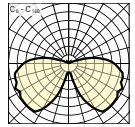
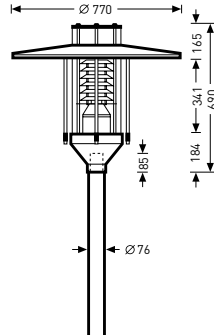
Reference	TOC	...ET	...E		W	=kg
LED						
9821 IS/1200-830 1G1P...	65 044...	...40	-	1200 lm	18	10.8
9821 IS/1200-840 1G1P...	65 043...	...40	-	1200 lm	17	10.8
9821 IS/1500-830 1G1P...	65 046...	...40	-	1500 lm	23	10.8
9821 IS/1500-840 1G1P...	65 045...	...40	-	1500 lm	21	10.8
9821 IS/1800-830 1G1P...	65 048...	...40	-	1800 lm	25	10.8
9821 IS/1800-840 1G1P...	65 047...	...40	-	1800 lm	24	10.8
9821 IS/2000-830 1G1P...	65 054...	...40	-	2000 lm	28	10.8
9821 IS/2000-840 1G1P...	65 053...	...40	-	2000 lm	26	10.8
9821 IS/2200-840 1G1P...	65 059...	...40	-	2200 lm	28	10.8
LED, with power reduction (LR)						
9821 IS-LR/1800-830 1G1P...	65 050...	...40	-	1800 lm	25	10.8
9821 IS-LR/1800-840 1G1P...	65 049...	...40	-	1800 lm	24	10.8
9821 IS-LR/2000-830 1G1P...	65 056...	...40	-	2000 lm	28	10.8
9821 IS-LR/2000-840 1G1P...	65 055...	...40	-	2000 lm	26	10.8
9821 IS-LR/2200-840 1G1P...	65 060...	...40	-	2200 lm	28	10.8
LED, with power reduction, self-regulating (LRA)						
9821 IS-LRA/1800-830 1G1P...	65 052...	...40	-	1800 lm	25	10.8
9821 IS-LRA/1800-840 1G1P...	65 051...	...40	-	1800 lm	24	10.8
9821 IS-LRA/2000-830 1G1P...	65 058...	...40	-	2000 lm	28	10.8
9821 IS-LRA/2000-840 1G1P...	65 057...	...40	-	2000 lm	26	10.8
9821 IS-LRA/2200-840 1G1P...	65 061...	...40	-	2200 lm	28	10.8
HIT						
9821 IS/70HIT-CE...	59 998...	-	...04	1 x HIT-CE 70		9.0

Indirect lanterns with asymmetric lamella optic (LA)



Reference	TOC	...E		≈kg
9822 LA/TCL18-24...	45 058...	...04	2 x TC-L 18/24	9.8

Indirect lanterns with lamella optic (LO)



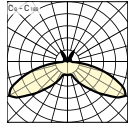
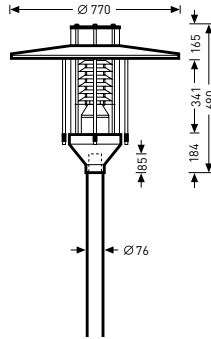
Reference	TOC	...E	...K		≈kg
9821 LO/50-70HSE-E... <sup>1) 2)</sup>	13 824...	-	...02	1 x HSE-E 50/70	11.4
9821 LO/TCT26/32/42...	13 827...	...04	-	1 x TC-T 26/32/42	9.8
9822 LO/TCL18-24...	13 857...	...04	-	2 x TC-L 18/24	9.8
With power reduction [LR]					
9821 LO-LR/70HSE-E... <sup>1)</sup>	13 831...	-	...02	1 x HSE-E 70	11.5

<sup>1)</sup>Lamp for external ignition

<sup>2)</sup>Switchable control unit, pre-set to low level



Indirect lanterns with asymmetric specular optic (SA)

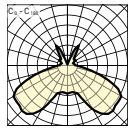
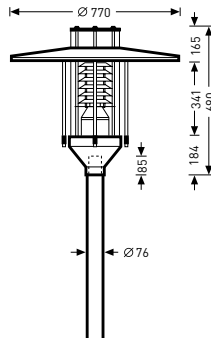


Reference	TOC	...E	...K		=kg
9821 SA/50-70HSE-E... <sup>1)2)</sup>	13 835...	-	...02	1 x HSE-E 50/70	11.4
9821 SA/TCT26/32/42...	13 838...	...04	-	1 x TC-T 26/32/42	9.8
With power reduction (LR)					
9821 SA-LR/70HSE-E... <sup>1)</sup>	13 842...	-	...02	1 x HSE-E 70	11.5

<sup>1)</sup>Lamp for external ignition

<sup>2)</sup>Switchable control unit, pre-set to low level

Indirect lanterns with cylinder optic (ZO)

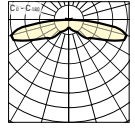
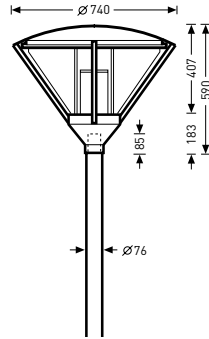


Reference	TOC	...E	...K		=kg
9821 ZO/50-70HSE-E... <sup>1)2)</sup>	13 846...	-	...02	1 x HSE-E 50/70	11.4
9821 ZO/TCT26/32/42...	13 851...	...04	-	1 x TC-T 26/32/42	9.8
With power reduction (LR)					
9821 ZO-LR/70HSE-E... <sup>1)</sup>	13 855...	-	...02	1 x HSE-E 70	11.5

<sup>1)</sup>Lamp for external ignition

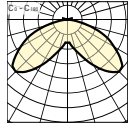
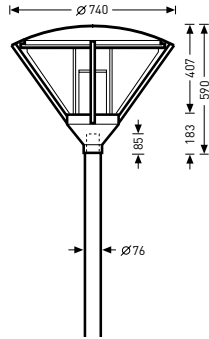
<sup>2)</sup>Switchable control unit, pre-set to low level

Conical lanterns with asymmetric wide distribution secondary optics (IA)



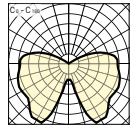
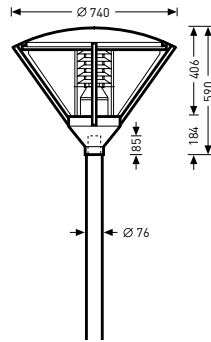
Reference	TOC	...ET	...E		W	=kg
LED						
9831 IA/1200-830 1G1P...	65 063...	...40	-	1200 lm	18	7.6
9831 IA/1200-840 1G1P...	65 062...	...40	-	1200 lm	17	7.6
9831 IA/1500-830 1G1P...	65 065...	...40	-	1500 lm	23	7.6
9831 IA/1500-840 1G1P...	65 064...	...40	-	1500 lm	21	7.6
9831 IA/1800-830 1G1P...	65 067...	...40	-	1800 lm	25	7.6
9831 IA/1800-840 1G1P...	65 066...	...40	-	1800 lm	24	7.6
9831 IA/2000-830 1G1P...	65 073...	...40	-	2000 lm	28	7.6
9831 IA/2000-840 1G1P...	65 072...	...40	-	2000 lm	26	7.6
9831 IA/2200-840 1G1P...	65 078...	...40	-	2200 lm	28	7.6
LED, with power reduction (LR)						
9831 IA-LR/1800-830 1G1P...	65 069...	...40	-	1800 lm	25	7.6
9831 IA-LR/1800-840 1G1P...	65 068...	...40	-	1800 lm	24	7.6
9831 IA-LR/2000-830 1G1P...	65 075...	...40	-	2000 lm	28	7.6
9831 IA-LR/2000-840 1G1P...	65 074...	...40	-	2000 lm	26	7.6
9831 IA-LR/2200-840 1G1P...	65 079...	...40	-	2200 lm	28	7.6
LED, with power reduction, self-regulating (LRA)						
9831 IA-LRA/1800-830 1G1P...	65 071...	...40	-	1800 lm	25	7.6
9831 IA-LRA/1800-840 1G1P...	65 070...	...40	-	1800 lm	24	7.6
9831 IA-LRA/2000-830 1G1P...	65 077...	...40	-	2000 lm	28	7.6
9831 IA-LRA/2000-840 1G1P...	65 076...	...40	-	2000 lm	26	7.6
9831 IA-LRA/2200-840 1G1P...	65 080...	...40	-	2200 lm	28	7.6
HIT						
9831 IA/70HIT-CE...	60 002...	-	...04	1 x HIT-CE 70		7.3

Conical lanterns with rotationally symmetric wide distribution secondary optic (IS)



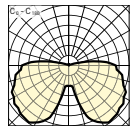
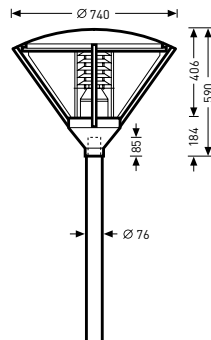
Reference	TOC	...ET	...E		W	=kg
LED						
9831 IS/1200-830 1G1P...	65 082...	...40	-	1200 lm	18	7.6
9831 IS/1200-840 1G1P...	65 081...	...40	-	1200 lm	17	7.6
9831 IS/1500-830 1G1P...	65 084...	...40	-	1500 lm	23	7.6
9831 IS/1500-840 1G1P...	65 083...	...40	-	1500 lm	21	7.6
9831 IS/1800-830 1G1P...	65 086...	...40	-	1800 lm	25	7.6
9831 IS/1800-840 1G1P...	65 085...	...40	-	1800 lm	24	7.6
9831 IS/2000-830 1G1P...	65 092...	...40	-	2000 lm	28	7.6
9831 IS/2000-840 1G1P...	65 091...	...40	-	2000 lm	26	7.6
9831 IS/2200-840 1G1P...	65 097...	...40	-	2200 lm	28	7.6
LED, with power reduction (LR)						
9831 IS-LR/1800-830 1G1P...	65 088...	...40	-	1800 lm	25	7.6
9831 IS-LR/1800-840 1G1P...	65 087...	...40	-	1800 lm	24	7.6
9831 IS-LR/2000-830 1G1P...	65 094...	...40	-	2000 lm	28	7.6
9831 IS-LR/2000-840 1G1P...	65 093...	...40	-	2000 lm	26	7.6
9831 IS-LR/2200-840 1G1P...	65 098...	...40	-	2200 lm	28	7.6
LED, with power reduction, self-regulating (LRA)						
9831 IS-LRA/1800-830 1G1P...	65 090...	...40	-	1800 lm	25	7.6
9831 IS-LRA/1800-840 1G1P...	65 089...	...40	-	1800 lm	24	7.6
9831 IS-LRA/2000-830 1G1P...	65 096...	...40	-	2000 lm	28	7.6
9831 IS-LRA/2000-840 1G1P...	65 095...	...40	-	2000 lm	26	7.6
9831 IS-LRA/2200-840 1G1P...	65 099...	...40	-	2200 lm	28	7.6
HIT						
9831 IS/70HIT-CE...	60 006...	-	...04	1 x HIT-CE 70		7.3


Conical lanterns with asymmetric lamella optic (LA)



Reference	TOC	...E		≈kg
9832 LA/TCL18-24...	49 409...	...04	2 x TC-L 18/24	8.1

Conical lanterns with lamella optic (LO)

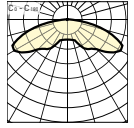
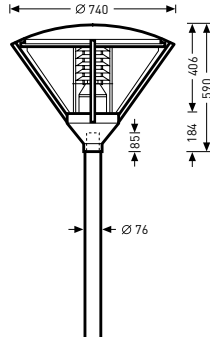


Reference	TOC	...E	...K		≈kg
9831 LO/50-70HSE-E... <sup>1) 2)</sup>	13 867...	-	...02	1 x HSE-E 50/70	9.7
9831 LO/TCT26/32/42...	13 870...	...04	-	1 x TC-T 26/32/42	8.0
9832 LO/TCL18-24...	13 913...	...04	-	2 x TC-L 18/24	8.1
With power reduction [LR]					
9831 LO-LR/70HSE-E... <sup>1)</sup>	13 874...	-	...02	1 x HSE-E 70	9.8

<sup>1)</sup> Lamp for external ignition

<sup>2)</sup> Switchable control unit, pre-set to low level

Conical lanterns with asymmetric specular optic (SA)

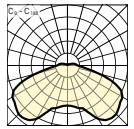
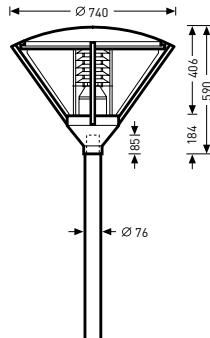


10 11 CE IP65

Reference	TOC	...E	...K		=kg
9831 SA/50-70HSE-E... <sup>1)2)</sup>	13 890...	-	...02	1 x HSE-E 50/70	9.7
9831 SA/TCT26/32/42...	13 893...	...04	-	1 x TC-T 26/32/42	8.0
With power reduction (LR)					
9831 SA-LR/70HSE-E... <sup>1)</sup>	13 897...	-	...02	1 x HSE-E 70	9.8

<sup>1)</sup>Lamp for external ignition  
<sup>2)</sup>Switchable control unit, pre-set to low level

Conical lanterns with cylinder optic (ZO)

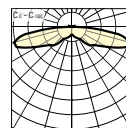
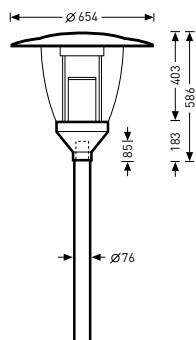


10 11 CE IP65

Reference	TOC	...E	...K		=kg
9831 ZO/50-70HSE-E... <sup>1)2)</sup>	13 901...	-	...02	1 x HSE-E 50/70	9.7
9831 ZO/TCT26/32/42...	13 906...	...04	-	1 x TC-T 26/32/42	8.0
With power reduction (LR)					
9831 ZO-LR/70HSE-E... <sup>1)</sup>	13 910...	-	...02	1 x HSE-E 70	9.8

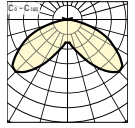
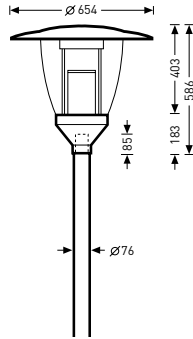
<sup>1)</sup>Lamp for external ignition  
<sup>2)</sup>Switchable control unit, pre-set to low level

## Classic lanterns with asymmetric wide distribution secondary optics (IA)



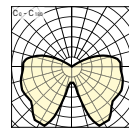
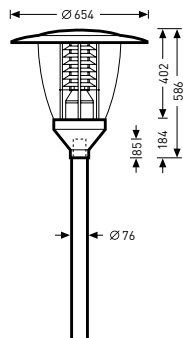
Reference	TOC	...ET	...E		W	=kg
LED						
9851 IA/1200-830 1G1P...	65 102...	...40	-	1200 lm	18	7.2
9851 IA/1200-840 1G1P...	65 101...	...40	-	1200 lm	17	7.2
9851 IA/1500-830 1G1P...	65 104...	...40	-	1500 lm	23	7.2
9851 IA/1500-840 1G1P...	65 103...	...40	-	1500 lm	21	7.2
9851 IA/1800-830 1G1P...	65 106...	...40	-	1800 lm	25	7.2
9851 IA/1800-840 1G1P...	65 105...	...40	-	1800 lm	24	7.2
9851 IA/2000-830 1G1P...	65 112...	...40	-	2000 lm	28	7.2
9851 IA/2000-840 1G1P...	65 111...	...40	-	2000 lm	26	7.2
9851 IA/2200-840 1G1P...	65 117...	...40	-	2200 lm	28	7.2
LED, with power reduction (LR)						
9851 IA-LR/1800-830 1G1P...	65 108...	...40	-	1800 lm	25	7.2
9851 IA-LR/1800-840 1G1P...	65 107...	...40	-	1800 lm	24	7.2
9851 IA-LR/2000-830 1G1P...	65 114...	...40	-	2000 lm	28	7.2
9851 IA-LR/2000-840 1G1P...	65 113...	...40	-	2000 lm	26	7.2
9851 IA-LR/2200-840 1G1P...	65 118...	...40	-	2200 lm	28	7.2
LED, with power reduction, self-regulating (LRA)						
9851 IA-LRA/1800-830 1G1P...	65 110...	...40	-	1800 lm	25	7.2
9851 IA-LRA/1800-840 1G1P...	65 109...	...40	-	1800 lm	24	7.2
9851 IA-LRA/2000-830 1G1P...	65 116...	...40	-	2000 lm	28	7.2
9851 IA-LRA/2000-840 1G1P...	65 115...	...40	-	2000 lm	26	7.2
9851 IA-LRA/2200-840 1G1P...	65 119...	...40	-	2200 lm	28	7.2
HIT						
9851 IA/70HIT-CE...	60 010...	-	...04	1 x HIT-CE 70		6.2


## Classic lanterns with rotationally symmetric wide distribution secondary optic (IS)



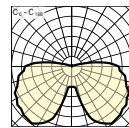
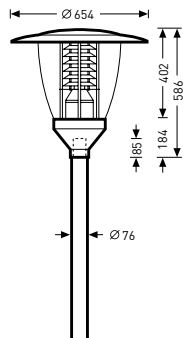
Reference	TOC	...ET	...E		W	=kg
LED						
9851 IS/1200-830 1G1P...	65 121...	...40	-	1200 lm	18	7.2
9851 IS/1200-840 1G1P...	65 120...	...40	-	1200 lm	17	7.2
9851 IS/1500-830 1G1P...	65 123...	...40	-	1500 lm	23	7.2
9851 IS/1500-840 1G1P...	65 122...	...40	-	1500 lm	21	7.2
9851 IS/1800-830 1G1P...	65 125...	...40	-	1800 lm	25	7.2
9851 IS/1800-840 1G1P...	65 124...	...40	-	1800 lm	24	7.2
9851 IS/2000-830 1G1P...	65 131...	...40	-	2000 lm	28	7.2
9851 IS/2000-840 1G1P...	65 130...	...40	-	2000 lm	26	7.2
9851 IS/2200-840 1G1P...	65 136...	...40	-	2200 lm	28	7.2
LED, with power reduction (LR)						
9851 IS-LR/1800-830 1G1P...	65 127...	...40	-	1800 lm	25	7.2
9851 IS-LR/1800-840 1G1P...	65 126...	...40	-	1800 lm	24	7.2
9851 IS-LR/2000-830 1G1P...	65 133...	...40	-	2000 lm	28	7.2
9851 IS-LR/2000-840 1G1P...	65 132...	...40	-	2000 lm	26	7.2
9851 IS-LR/2200-840 1G1P...	65 137...	...40	-	2200 lm	28	7.2
LED, with power reduction, self-regulating (LRA)						
9851 IS-LRA/1800-830 1G1P...	65 129...	...40	-	1800 lm	25	7.2
9851 IS-LRA/1800-840 1G1P...	65 128...	...40	-	1800 lm	24	7.2
9851 IS-LRA/2000-830 1G1P...	65 135...	...40	-	2000 lm	28	7.2
9851 IS-LRA/2000-840 1G1P...	65 134...	...40	-	2000 lm	26	7.2
9851 IS-LRA/2200-840 1G1P...	65 138...	...40	-	2200 lm	28	7.2
HIT						
9851 IS/70HIT-CE...	60 014...	-	...04	1 x HIT-CE 70		6.2


Classic lanterns with asymmetric lamella optic (LA)



Reference	TOC	...E		≈kg
9852 LA/TCL18-24...	49 413...	...04	2 x TC-L 18/24	6.4

Classic lanterns with lamella optic (LO)



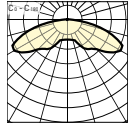
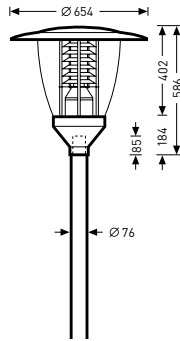
Reference	TOC	...E	...K		≈kg
9851 LO/50-70HSE-E... <sup>1) 2)</sup>	13 977...	-	...02	1 x HSE-E 50/70	8.0
9851 LO/TCT26/32/42...	13 980...	...04	-	1 x TC-T 26/32/42	6.3
9852 LO/TCL18-24...	14 022...	...04	-	2 x TC-L 18/24	6.4
With power reduction [LR]					
9851 LO-LR/70HSE-E... <sup>1)</sup>	13 984...	-	...02	1 x HSE-E 70	8.1

<sup>1)</sup>Lamp for external ignition

<sup>2)</sup>Switchable control unit, pre-set to low level



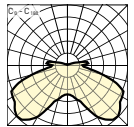
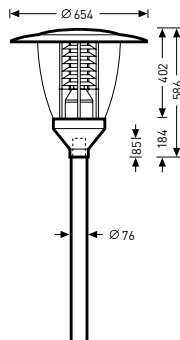
Classic lanterns with asymmetric specular optic (SA)



Reference	TOC	...E	...K		=kg
9851 SA/50-70HSE-E... <sup>1)2)</sup>	14 000...	-	...02	1 x HSE-E 50/70	8.0
9851 SA/TCT26/32/42...	14 003...	...04	-	1 x TC-T 26/32/42	6.3
With power reduction (LR)					
9851 SA-LR/70HSE-E... <sup>1)</sup>	14 007...	-	...02	1 x HSE-E 70	8.1

<sup>1)</sup>Lamp for external ignition  
<sup>2)</sup>Switchable control unit, pre-set to low level

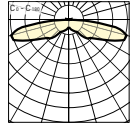
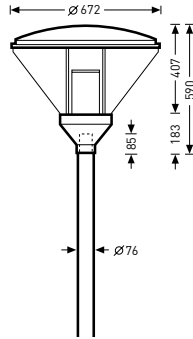
Classic lanterns with cylinder optic (ZO)



Reference	TOC	...E	...K		=kg
9851 ZO/50-70HSE-E... <sup>1)2)</sup>	14 011...	-	...02	1 x HSE-E 50/70	8.0
9851 ZO/TCT26/32/42...	14 015...	...04	-	1 x TC-T 26/32/42	6.3
With power reduction (LR)					
9851 ZO-LR/70HSE-E... <sup>1)</sup>	14 019...	-	...02	1 x HSE-E 70	8.1

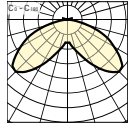
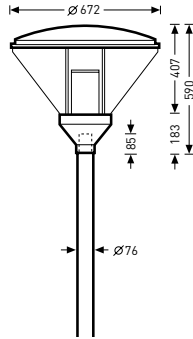
<sup>1)</sup>Lamp for external ignition  
<sup>2)</sup>Switchable control unit, pre-set to low level

## Classic conical lanterns with asymmetric wide distribution secondary optics (IA)



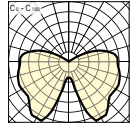
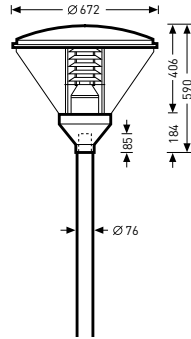
Reference	TOC	...ET	...E		W	≈kg
LED						
9861 IA/1200-830 1G1P...	65 140...	...40	-	1200 lm	18	8.4
9861 IA/1200-840 1G1P...	65 139...	...40	-	1200 lm	17	8.4
9861 IA/1500-830 1G1P...	65 142...	...40	-	1500 lm	23	8.4
9861 IA/1500-840 1G1P...	65 141...	...40	-	1500 lm	21	8.4
9861 IA/1800-830 1G1P...	65 144...	...40	-	1800 lm	25	8.4
9861 IA/1800-840 1G1P...	65 143...	...40	-	1800 lm	24	8.4
9861 IA/2000-830 1G1P...	65 150...	...40	-	2000 lm	28	8.4
9861 IA/2000-840 1G1P...	65 149...	...40	-	2000 lm	26	8.4
9861 IA/2200-840 1G1P...	65 155...	...40	-	2200 lm	28	8.4
LED, with power reduction (LR)						
9861 IA-LR/1800-830 1G1P...	65 146...	...40	-	1800 lm	25	8.4
9861 IA-LR/1800-840 1G1P...	65 145...	...40	-	1800 lm	24	8.4
9861 IA-LR/2000-830 1G1P...	65 152...	...40	-	2000 lm	28	8.4
9861 IA-LR/2000-840 1G1P...	65 151...	...40	-	2000 lm	26	8.4
9861 IA-LR/2200-840 1G1P...	65 156...	...40	-	2200 lm	28	8.4
LED, with power reduction, self-regulating (LRA)						
9861 IA-LRA/1800-830 1G1P...	65 148...	...40	-	1800 lm	25	8.4
9861 IA-LRA/1800-840 1G1P...	65 147...	...40	-	1800 lm	24	8.4
9861 IA-LRA/2000-830 1G1P...	65 154...	...40	-	2000 lm	28	8.4
9861 IA-LRA/2000-840 1G1P...	65 153...	...40	-	2000 lm	26	8.4
9861 IA-LRA/2200-840 1G1P...	65 157...	...40	-	2200 lm	28	8.4
HIT						
9861 IA/70HIT-CE...	60 018...	-	...04	1 x HIT-CE 70		6.8

## Classic conical lanterns with rotationally symmetric wide distribution secondary optic (IS)



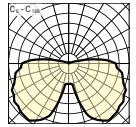
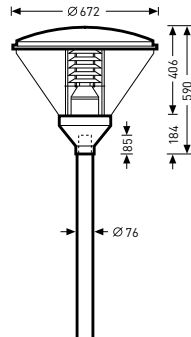
Reference	TOC	...ET	...E		W	=kg
LED						
9861 IS/1200-830 1G1P...	65 159...	...40	-	1200 lm	18	8.4
9861 IS/1200-840 1G1P...	65 158...	...40	-	1200 lm	17	8.4
9861 IS/1500-830 1G1P...	65 161...	...40	-	1500 lm	23	8.4
9861 IS/1500-840 1G1P...	65 160...	...40	-	1500 lm	21	8.4
9861 IS/1800-830 1G1P...	65 163...	...40	-	1800 lm	25	8.4
9861 IS/1800-840 1G1P...	65 162...	...40	-	1800 lm	24	8.4
9861 IS/2000-830 1G1P...	65 169...	...40	-	2000 lm	28	8.4
9861 IS/2000-840 1G1P...	65 168...	...40	-	2000 lm	26	8.4
9861 IS/2200-840 1G1P...	65 174...	...40	-	2200 lm	28	8.4
LED, with power reduction (LR)						
9861 IS-LR/1800-830 1G1P...	65 165...	...40	-	1800 lm	25	8.4
9861 IS-LR/1800-840 1G1P...	65 164...	...40	-	1800 lm	24	8.4
9861 IS-LR/2000-830 1G1P...	65 171...	...40	-	2000 lm	28	8.4
9861 IS-LR/2000-840 1G1P...	65 170...	...40	-	2000 lm	26	8.4
9861 IS-LR/2200-840 1G1P...	65 175...	...40	-	2200 lm	28	8.4
LED, with power reduction, self-regulating (LRA)						
9861 IS-LRA/1800-830 1G1P...	65 167...	...40	-	1800 lm	25	8.4
9861 IS-LRA/1800-840 1G1P...	65 166...	...40	-	1800 lm	24	8.4
9861 IS-LRA/2000-830 1G1P...	65 173...	...40	-	2000 lm	28	8.4
9861 IS-LRA/2000-840 1G1P...	65 172...	...40	-	2000 lm	26	8.4
9861 IS-LRA/2200-840 1G1P...	65 176...	...40	-	2200 lm	28	8.4
HIT						
9861 IS/70HIT-CE...	60 022...	-	...04	1 x HIT-CE 70		6.8

Classic conical lanterns with asymmetric lamella optic (LA)



Reference	TOC	...E		≈kg
9862 LA/TCL18-24...	49 415...	...04	2 x TC-L 18/24	6.6

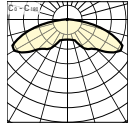
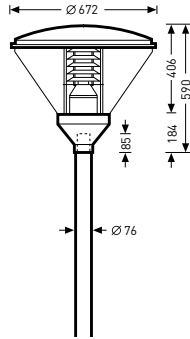
Classic conical lanterns with lamella optic (LO)



Reference	TOC	...E	...K		≈kg
9861 LO/50-70HSE-E... <sup>1) 2)</sup>	14 034...	-	...02	1 x HSE-E 50/70	8.2
9861 LO/TCT26/32/42...	14 038...	...04	-	1 x TC-T 26/32/42	6.5
9862 LO/TCL18-24...	14 080...	...04	-	2 x TC-L 18/24	6.6
With power reduction [LR]					
9861 LO-LR/70HSE-E... <sup>1)</sup>	14 042...	-	...02	1 x HSE-E 70	8.3

<sup>1)</sup>Lamp for external ignition  
<sup>2)</sup>Switchable control unit, pre-set to low level

Classic conical lanterns with asymmetric specular optic (SA)

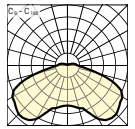
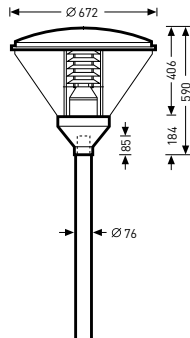


Reference	TOC	...E	...K		=kg
<b>9861 SA/50-70HSE-E...</b> <sup>1)2)</sup>	14 058...	-	...02	1 x HSE-E 50/70	8.2
<b>9861 SA/TCT26/32/42...</b>	14 061...	...04	-	1 x TC-T 26/32/42	6.5
With power reduction (LR)					
<b>9861 SA-LR/70HSE-E...</b> <sup>1)</sup>	14 065...	-	...02	1 x HSE-E 70	8.3

<sup>1)</sup>Lamp for external ignition

<sup>2)</sup>Switchable control unit, pre-set to low level

Classic conical lanterns with cylinder optic (ZO)

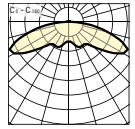
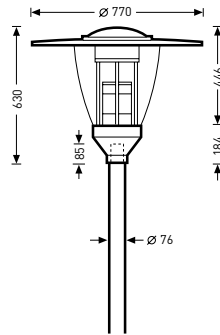



Reference	TOC	...E	...K		=kg
<b>9861 ZO/50-70HSE-E...</b> <sup>1)2)</sup>	14 069...	-	...02	1 x HSE-E 50/70	8.2
<b>9861 ZO/TCT26/32/42...</b>	14 073...	...04	-	1 x TC-T 26/32/42	6.5
With power reduction (LR)					
<b>9861 ZO-LR/70HSE-E...</b>	14 077...	-	...02	1 x HSE-E 70	8.3

<sup>1)</sup>Lamp for external ignition

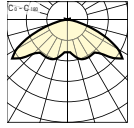
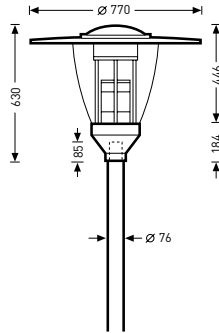
<sup>2)</sup>Switchable control unit, pre-set to low level

## Classic LED lanterns with asymmetric wide distribution secondary optics (IA)



Reference	TOC	...ET		W	≈kg
LED					
9871 IA/1200-830 1G1P...	65 178...	...40	1200 lm	18	7.3
9871 IA/1200-840 1G1P...	65 177...	...40	1200 lm	17	7.3
9871 IA/1500-830 1G1P...	65 180...	...40	1500 lm	23	7.3
9871 IA/1500-840 1G1P...	65 179...	...40	1500 lm	21	7.3
9871 IA/1800-830 1G1P...	65 182...	...40	1800 lm	25	7.3
9871 IA/1800-840 1G1P...	65 181...	...40	1800 lm	24	7.3
9871 IA/2000-830 1G1P...	65 188...	...40	2000 lm	28	7.3
9871 IA/2000-840 1G1P...	65 187...	...40	2000 lm	26	7.3
9871 IA/2200-840 1G1P...	65 193...	...40	2200 lm	28	7.3
LED, with power reduction (LR)					
9871 IA-LR/1800-830 1G1P...	65 184...	...40	1800 lm	25	7.3
9871 IA-LR/1800-840 1G1P...	65 183...	...40	1800 lm	24	7.3
9871 IA-LR/2000-830 1G1P...	65 190...	...40	2000 lm	28	7.3
9871 IA-LR/2000-840 1G1P...	65 189...	...40	2000 lm	26	7.3
9871 IA-LR/2200-840 1G1P...	65 194...	...40	2200 lm	28	7.3
LED, with power reduction, self-regulating (LRA)					
9871 IA-LRA/1800-830 1G1P...	65 186...	...40	1800 lm	25	7.3
9871 IA-LRA/1800-840 1G1P...	65 185...	...40	1800 lm	24	7.3
9871 IA-LRA/2000-830 1G1P...	65 192...	...40	2000 lm	28	7.3
9871 IA-LRA/2000-840 1G1P...	65 191...	...40	2000 lm	26	7.3
9871 IA-LRA/2200-840 1G1P...	65 195...	...40	2200 lm	28	7.3

Classic LED lanterns with rotationally symmetric wide distribution secondary optic (IS)



Reference	TOC	...ET		W	=kg
LED					
9871 IS/1200-830 1G1P...	65 197...	...40	1200 lm	18	7.2
9871 IS/1200-840 1G1P...	65 196...	...40	1200 lm	17	7.2
9871 IS/1500-830 1G1P...	65 199...	...40	1500 lm	23	7.2
9871 IS/1500-840 1G1P...	65 198...	...40	1500 lm	21	7.2
9871 IS/1800-830 1G1P...	65 201...	...40	1800 lm	25	7.2
9871 IS/1800-840 1G1P...	65 200...	...40	1800 lm	24	7.2
9871 IS/2000-830 1G1P...	65 207...	...40	2000 lm	28	7.2
9871 IS/2000-840 1G1P...	65 206...	...40	2000 lm	26	7.2
9871 IS/2200-840 1G1P...	65 212...	...40	2200 lm	28	7.2
LED, with power reduction (LR)					
9871 IS-LR/1800-830 1G1P...	65 203...	...40	1800 lm	25	7.2
9871 IS-LR/1800-840 1G1P...	65 202...	...40	1800 lm	24	7.2
9871 IS-LR/2000-830 1G1P...	65 209...	...40	2000 lm	28	7.2
9871 IS-LR/2000-840 1G1P...	65 208...	...40	2000 lm	26	7.2
9871 IS-LR/2200-840 1G1P...	65 213...	...40	2200 lm	28	7.2
LED, with power reduction, self-regulating (LRA)					
9871 IS-LRA/1800-830 1G1P...	65 205...	...40	1800 lm	25	7.3
9871 IS-LRA/1800-840 1G1P...	65 204...	...40	1800 lm	24	7.3
9871 IS-LRA/2000-830 1G1P...	65 211...	...40	2000 lm	28	7.3
9871 IS-LRA/2000-840 1G1P...	65 210...	...40	2000 lm	26	7.3
9871 IS-LRA/2200-840 1G1P...	65 214...	...40	2200 lm	28	7.3

### Post mounting brackets



Reference	TOC	Accessory description	≈kg
09800/2/76-II	22 236 00	Twin-arm bracket	10.0
09800/3/76-II	22 237 00	Triple-arm bracket	15.0

### Wall mounting bracket



Reference	TOC	Accessory description	≈kg
09800 WB	22 241 00	Wall mounting bracket	6.3

### Reduction pieces



Reference	TOC	Accessory description	≈kg
0980/60	22 235 00	Reduction piece for post spigot Ø 60 mm	0.5

### Release brackets



Reference	TOC	Accessory description	≈kg
09800 EB	22 238 00	Release bracket	0.1

### Shieldings



Reference	TOC	Accessory description	≈kg
09800 LO-AS	22 239 00	Shielding for ...LO... lamella optics	0.2
09800 SA-AS	22 240 00	Shielding for asymmetrical specular optic ...SA...	0.2
09800 ZO-AS	22 242 00	Shielding for ...ZO... cylinder optics	0.2





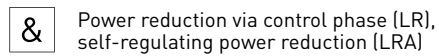
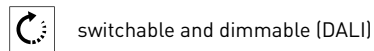
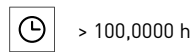
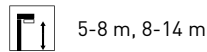
## LUMEGA IQ LED

POST-TOP AND  
BRACKET-MOUNTED  
LED LUMINAIRES



## FLEXIBLE, INTELLIGENT OUTDOOR LIGHTING

- Many practical and intelligent details such as tool-free replacement of components (E-block) simplify mounting and maintenance enormously.
- Adjustment of inclination angle for simple conversion from post-top to bracket-mounted luminaire.
- Newly developed optical systems guarantee outstanding light distribution.
- Additional savings potential due to high-performance light management systems and application-oriented, intelligent switching concepts.



Post-top and bracket-mounted luminaire in two construction sizes

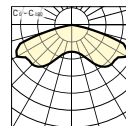
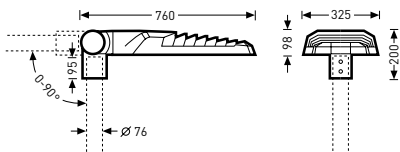
Planning flexibility due to application-optimised MLT lenses


Tool-free removal of E-block

External setting of inclination

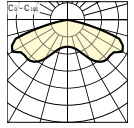
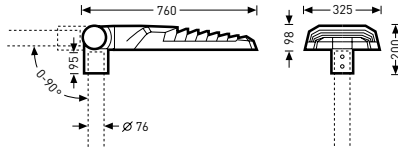



## LED post-top and bracket-mounted luminaires, colour temperature 3000 K



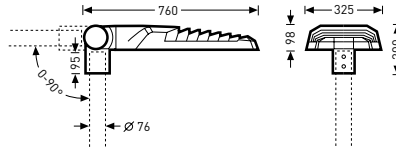
Reference	TOC	---ETDD		W	≈kg
LIQ 70-AB7L/3200-730 4G1S...	64 748...	...51	3200 lm	31	12.2
LIQ 70-AB7L/3500-730 4G1S...	64 386...	...51	3500 lm	33	12.2
LIQ 70-AB7L/3800-730 8G1S...	64 749...	...51	3800 lm	34	12.3
LIQ 70-AB7L/4200-730 8G1S...	64 750...	...51	4200 lm	38	12.3
LIQ 70-AB7L/4600-730 8G1S...	64 751...	...51	4600 lm	42	12.3
LIQ 70-AB7L/5100-730 8G1S...	64 752...	...51	5100 lm	47	12.3
LIQ 70-AB7L/5600-730 8G1S...	64 753...	...51	5600 lm	52	12.3
LIQ 70-AB7L/6200-730 8G1S...	64 754...	...51	6200 lm	57	12.3
LIQ 70-AB7L/6800-730 8G1S...	64 387...	...51	6800 lm	63	12.3
LIQ 70-AB7L/7500-730 12G1S...	64 755...	...51	7500 lm	70	12.4
LIQ 70-AB7L/8200-730 12G1S...	64 756...	...51	8200 lm	77	12.4
LIQ 70-AB7L/9100-730 12G1S...	64 757...	...51	9100 lm	86	12.4
LIQ 70-AB7L/10000-730 12G1S...	64 388...	...51	10000 lm	94	12.4
LIQ 70-AB7L/11000-730 14G1S...	64 758...	...51	11000 lm	96	12.5
LIQ 70-AB7L/12000-730 14G1S...	64 389...	...51	12000 lm	106	12.5

## LED post-top and bracket-mounted luminaires, colour temperature 4000 K



Reference	TOC	...ETDD		W	=kg
LIQ 70-AB7L/3200-740 4G1S...	64 759...	...51	3200 lm	29	12.2
LIQ 70-AB7L/3500-740 4G1S...	64 390...	...51	3500 lm	31	12.2
LIQ 70-AB7L/3800-740 8G1S...	64 760...	...51	3800 lm	32	12.3
LIQ 70-AB7L/4200-740 8G1S...	64 761...	...51	4200 lm	35	12.3
LIQ 70-AB7L/4600-740 8G1S...	64 762...	...51	4600 lm	39	12.3
LIQ 70-AB7L/5100-740 8G1S...	64 763...	...51	5100 lm	44	12.3
LIQ 70-AB7L/5600-740 8G1S...	64 764...	...51	5600 lm	48	12.3
LIQ 70-AB7L/6200-740 8G1S...	64 765...	...51	6200 lm	53	12.3
LIQ 70-AB7L/6800-740 8G1S...	64 391...	...51	6800 lm	58	12.3
LIQ 70-AB7L/7500-740 12G1S...	64 766...	...51	7500 lm	61	12.4
LIQ 70-AB7L/8200-740 12G1S...	64 767...	...51	8200 lm	68	12.4
LIQ 70-AB7L/9100-740 12G1S...	64 768...	...51	9100 lm	77	12.4
LIQ 70-AB7L/10000-740 12G1S...	64 392...	...51	10000 lm	85	12.4
LIQ 70-AB7L/11000-740 14G1S...	64 769...	...51	11000 lm	86	12.5
LIQ 70-AB7L/12000-740 14G1S...	64 393...	...51	12000 lm	96	12.5


## LED post-top and bracket-mounted luminaires, with special optic for lighting of pedestrian crossings



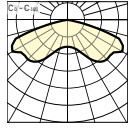
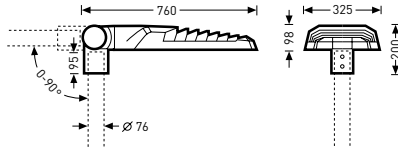





 IP66

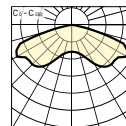
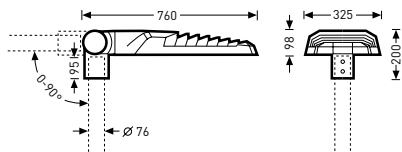
Reference	TOC	...ET		W	≈kg
LIQ 70-FR1L/6200-740 8G1S...	64 394...	...40	6200 lm	53	12.3
LIQ 70-FR1L/7500-740 12G1S...	64 770...	...40	7500 lm	61	12.5
LIQ 70-FR1L/9100-740 12G1S...	64 395...	...40	9100 lm	77	12.4


## LED post-top and bracket-mounted luminaires, with power reduction (LR), colour temperature 3000 K



Reference	TOC	...ET		W	=kg
LIQ 70-AB7L-LR/3200-730 4G1S...	64 777...	...40	3200 lm	31	12.2
LIQ 70-AB7L-LR/3500-730 4G1S...	64 396...	...40	3500 lm	33	12.2
LIQ 70-AB7L-LR/3800-730 8G1S...	64 778...	...40	3800 lm	34	12.3
LIQ 70-AB7L-LR/4200-730 8G1S...	64 779...	...40	4200 lm	38	12.3
LIQ 70-AB7L-LR/4600-730 8G1S...	64 780...	...40	4600 lm	42	12.3
LIQ 70-AB7L-LR/5100-730 8G1S...	64 781...	...40	5100 lm	47	12.3
LIQ 70-AB7L-LR/5600-730 8G1S...	64 782...	...40	5600 lm	52	12.3
LIQ 70-AB7L-LR/6200-730 8G1S...	64 783...	...40	6200 lm	57	12.3
LIQ 70-AB7L-LR/6800-730 8G1S...	64 397...	...40	6800 lm	63	12.3
LIQ 70-AB7L-LR/7500-730 12G1S...	64 784...	...40	7500 lm	71	12.4
LIQ 70-AB7L-LR/8200-730 12G1S...	64 785...	...40	8200 lm	78	12.4
LIQ 70-AB7L-LR/9100-730 12G1S...	64 786...	...40	9100 lm	87	12.4
LIQ 70-AB7L-LR/10000-730 12G1S...	64 398...	...40	10000 lm	95	12.4
LIQ 70-AB7L-LR/11000-730 14G1S...	64 787...	...40	11000 lm	97	12.5
LIQ 70-AB7L-LR/12000-730 14G1S...	64 399...	...40	12000 lm	107	12.5

## LED post-top and bracket-mounted luminaires, with power reduction (LR), colour temperature 4000 K

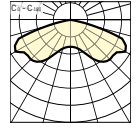
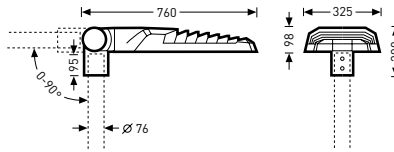



Reference	TOC	...ET		W	≈kg
LIQ 70-AB7L-LR/3200-740 4G1S...	64 788...	...40	3200 lm	29	12.2
LIQ 70-AB7L-LR/3500-740 4G1S...	64 400...	...40	3500 lm	31	12.2
LIQ 70-AB7L-LR/3800-740 8G1S...	64 789...	...40	3800 lm	32	12.3
LIQ 70-AB7L-LR/4200-740 8G1S...	64 790...	...40	4200 lm	35	12.3
LIQ 70-AB7L-LR/4600-740 8G1S...	64 791...	...40	4600 lm	39	12.3
LIQ 70-AB7L-LR/5100-740 8G1S...	64 792...	...40	5100 lm	44	12.3
LIQ 70-AB7L-LR/5600-740 8G1S...	64 793...	...40	5600 lm	48	12.3
LIQ 70-AB7L-LR/6200-740 8G1S...	64 794...	...40	6200 lm	53	12.3
LIQ 70-AB7L-LR/6800-740 8G1S...	64 401...	...40	6800 lm	58	12.3
LIQ 70-AB7L-LR/7500-740 12G1S...	64 795...	...40	7500 lm	62	12.4
LIQ 70-AB7L-LR/8200-740 12G1S...	64 796...	...40	8200 lm	69	12.4
LIQ 70-AB7L-LR/9100-740 12G1S...	64 797...	...40	9100 lm	78	12.4
LIQ 70-AB7L-LR/10000-740 12G1S...	64 402...	...40	10000 lm	86	12.4
LIQ 70-AB7L-LR/11000-740 14G1S...	64 798...	...40	11000 lm	87	12.5
LIQ 70-AB7L-LR/12000-740 14G1S...	64 403...	...40	12000 lm	97	12.5



# LUMEGA IQ 70 LED

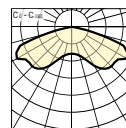
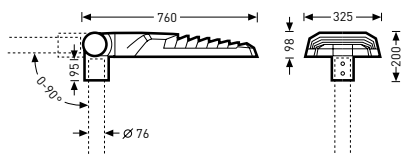
LED post-top and bracket-mounted luminaires, with power reduction, self-regulating (LRA), colour temperature 3000 K




Reference	TOC	...ET		W	=kg
LIQ 70-AB7L-LRA/3200-730 4G1S...	64 805...	...40	3200 lm	31	12.2
LIQ 70-AB7L-LRA/3500-730 4G1S...	64 404...	...40	3500 lm	33	12.2
LIQ 70-AB7L-LRA/3800-730 8G1S...	64 806...	...40	3800 lm	34	12.3
LIQ 70-AB7L-LRA/4200-730 8G1S...	64 807...	...40	4200 lm	38	12.3
LIQ 70-AB7L-LRA/4600-730 8G1S...	64 808...	...40	4600 lm	42	12.3
LIQ 70-AB7L-LRA/5100-730 8G1S...	64 809...	...40	5100 lm	47	12.3
LIQ 70-AB7L-LRA/5600-730 8G1S...	64 810...	...40	5600 lm	52	12.3
LIQ 70-AB7L-LRA/6200-730 8G1S...	64 811...	...40	6200 lm	57	12.3
LIQ 70-AB7L-LRA/6800-730 8G1S...	64 405...	...40	6800 lm	63	12.3
LIQ 70-AB7L-LRA/7500-730 12G1S...	64 812...	...40	7500 lm	70	12.4
LIQ 70-AB7L-LRA/8200-730 12G1S...	64 813...	...40	8200 lm	77	12.4
LIQ 70-AB7L-LRA/9100-730 12G1S...	64 814...	...40	9100 lm	86	12.4
LIQ 70-AB7L-LRA/10000-730 12G1S...	64 406...	...40	10000 lm	94	12.4
LIQ 70-AB7L-LRA/11000-730 14G1S...	64 815...	...40	11000 lm	96	12.5
LIQ 70-AB7L-LRA/12000-730 14G1S...	64 407...	...40	12000 lm	106	12.5

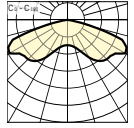
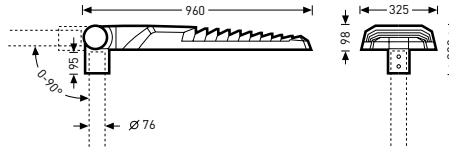
# LUMEGA IQ 70 LED

LED post-top and bracket-mounted luminaires, with power reduction, self-regulating (LRA), colour temperature 4000 K



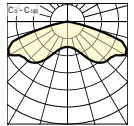
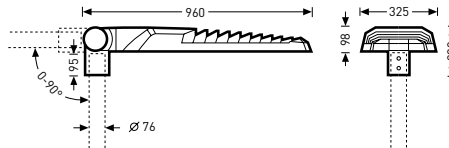
Reference	TOC	...ET		W	≈kg
LIQ 70-AB7L-LRA/3200-740 4G1S...	64 816...	...40	3200 lm	29	12.2
LIQ 70-AB7L-LRA/3500-740 4G1S...	64 408...	...40	3500 lm	31	12.2
LIQ 70-AB7L-LRA/3800-740 8G1S...	64 817...	...40	3800 lm	32	12.3
LIQ 70-AB7L-LRA/4200-740 8G1S...	64 818...	...40	4200 lm	35	12.3
LIQ 70-AB7L-LRA/4600-740 8G1S...	64 819...	...40	4600 lm	39	12.3
LIQ 70-AB7L-LRA/5100-740 8G1S...	64 820...	...40	5100 lm	44	12.3
LIQ 70-AB7L-LRA/5600-740 8G1S...	64 821...	...40	5600 lm	48	12.3
LIQ 70-AB7L-LRA/6200-740 8G1S...	64 822...	...40	6200 lm	53	12.3
LIQ 70-AB7L-LRA/6800-740 8G1S...	64 409...	...40	6800 lm	58	12.3
LIQ 70-AB7L-LRA/7500-740 12G1S...	64 823...	...40	7500 lm	61	12.4
LIQ 70-AB7L-LRA/8200-740 12G1S...	64 824...	...40	8200 lm	68	12.4
LIQ 70-AB7L-LRA/9100-740 12G1S...	64 825...	...40	9100 lm	77	12.4
LIQ 70-AB7L-LRA/10000-740 12G1S...	64 410...	...40	10000 lm	85	12.4
LIQ 70-AB7L-LRA/11000-740 14G1S...	64 826...	...40	11000 lm	86	12.5
LIQ 70-AB7L-LRA/12000-740 14G1S...	64 411...	...40	12000 lm	96	12.5

## LED post-top and bracket-mounted luminaires, colour temperature 3000 K



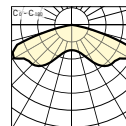
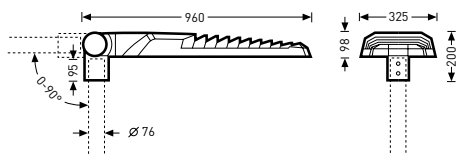
Reference	TOC	...ETDD		W	=kg
LIQ 90-AB7L/13500-730 16G1S...	64 412...	...51	13500 lm	128	16.8
LIQ 90-AB7L/15000-730 20G1S...	64 771...	...51	15000 lm	139	17.0
LIQ 90-AB7L/16500-730 20G1S...	64 413...	...51	16500 lm	153	17.0
LIQ 90-AB7L/18000-730 24G1S...	64 772...	...51	18000 lm	164	17.2
LIQ 90-AB7L/20000-730 24G1S...	64 773...	...51	20000 lm	185	17.2
LIQ 90-AB7L/22000-730 24G1S...	64 414...	...51	22000 lm	206	17.2

## LED post-top and bracket-mounted luminaires, colour temperature 4000 K



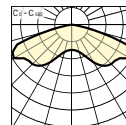
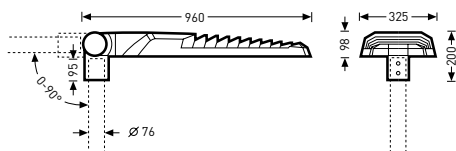
Reference	TOC	...ETDD		W	=kg
LIQ 90-AB7L/13500-740 16G1S...	64 415...	...51	13500 lm	117	16.8
LIQ 90-AB7L/15000-740 20G1S...	64 775...	...51	15000 lm	129	17.0
LIQ 90-AB7L/16500-740 20G1S...	64 416...	...51	16500 lm	141	17.0
LIQ 90-AB7L/18000-740 24G1S...	64 774...	...51	18000 lm	146	17.2
LIQ 90-AB7L/20000-740 24G1S...	64 776...	...51	20000 lm	167	17.2
LIQ 90-AB7L/22000-740 24G1S...	64 417...	...51	22000 lm	188	17.2

## LED post-top and bracket-mounted luminaires, with power reduction (LR), colour temperature 3000 K



Reference	TOC	...ET		W	≈kg
LIQ 90-AB7L-LR/13500-730 16G1S...	64 418...	...40	22000 lm	188	16.8
LIQ 90-AB7L-LR/15000-730 20G1S...	64 799...	...40	15000 lm	140	17.0
LIQ 90-AB7L-LR/16500-730 20G1S...	64 419...	...40	16500 lm	154	17.0
LIQ 90-AB7L-LR/18000-730 24G1S...	64 800...	...40	18000 lm	165	17.2
LIQ 90-AB7L-LR/20000-730 24G1S...	64 801...	...40	20000 lm	186	17.2
LIQ 90-AB7L-LR/22000-730 24G1S...	64 420...	...40	22000 lm	207	17.2

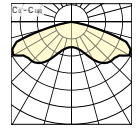
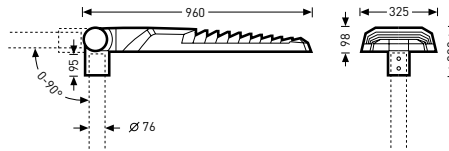
## LED post-top and bracket-mounted luminaires, with power reduction (LR), colour temperature 4000 K



Reference	TOC	...ET		W	≈kg
LIQ 90-AB7L-LR/13500-740 16G1S...	64 421...	...40	13500 lm	118	16.8
LIQ 90-AB7L-LR/15000-740 20G1S...	64 802...	...40	15000 lm	130	17.0
LIQ 90-AB7L-LR/16500-740 20G1S...	64 422...	...40	16500 lm	142	17.0
LIQ 90-AB7L-LR/18000-740 24G1S...	64 803...	...40	18000 lm	147	17.2
LIQ 90-AB7L-LR/20000-740 24G1S...	64 804...	...40	20000 lm	168	17.2
LIQ 90-AB7L-LR/22000-740 24G1S...	64 423...	...40	22000 lm	189	17.2

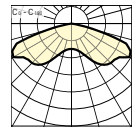
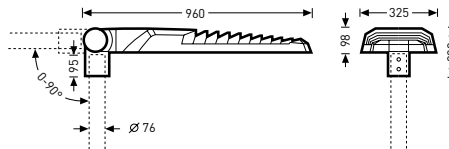
# LUMEGA IQ 90 LED

LED post-top and bracket-mounted luminaires, with power reduction, self-regulating (LRA), colour temperature 3000 K



Reference	TOC	...ET		W	=kg
LIQ 90-AB7L-LRA/13500-730 16G1S...	64 424...	...40	13500 lm	129	16.8
LIQ 90-AB7L-LRA/15000-730 20G1S...	64 827...	...40	15000 lm	139	17.0
LIQ 90-AB7L-LRA/16500-730 20G1S...	64 425...	...40	16500 lm	153	17.0
LIQ 90-AB7L-LRA/18000-730 24G1S...	64 828...	...40	18000 lm	164	17.2
LIQ 90-AB7L-LRA/20000-730 24G1S...	64 829...	...40	20000 lm	185	17.2
LIQ 90-AB7L-LRA/22000-730 24G1S...	64 426...	...40	22000 lm	206	17.2

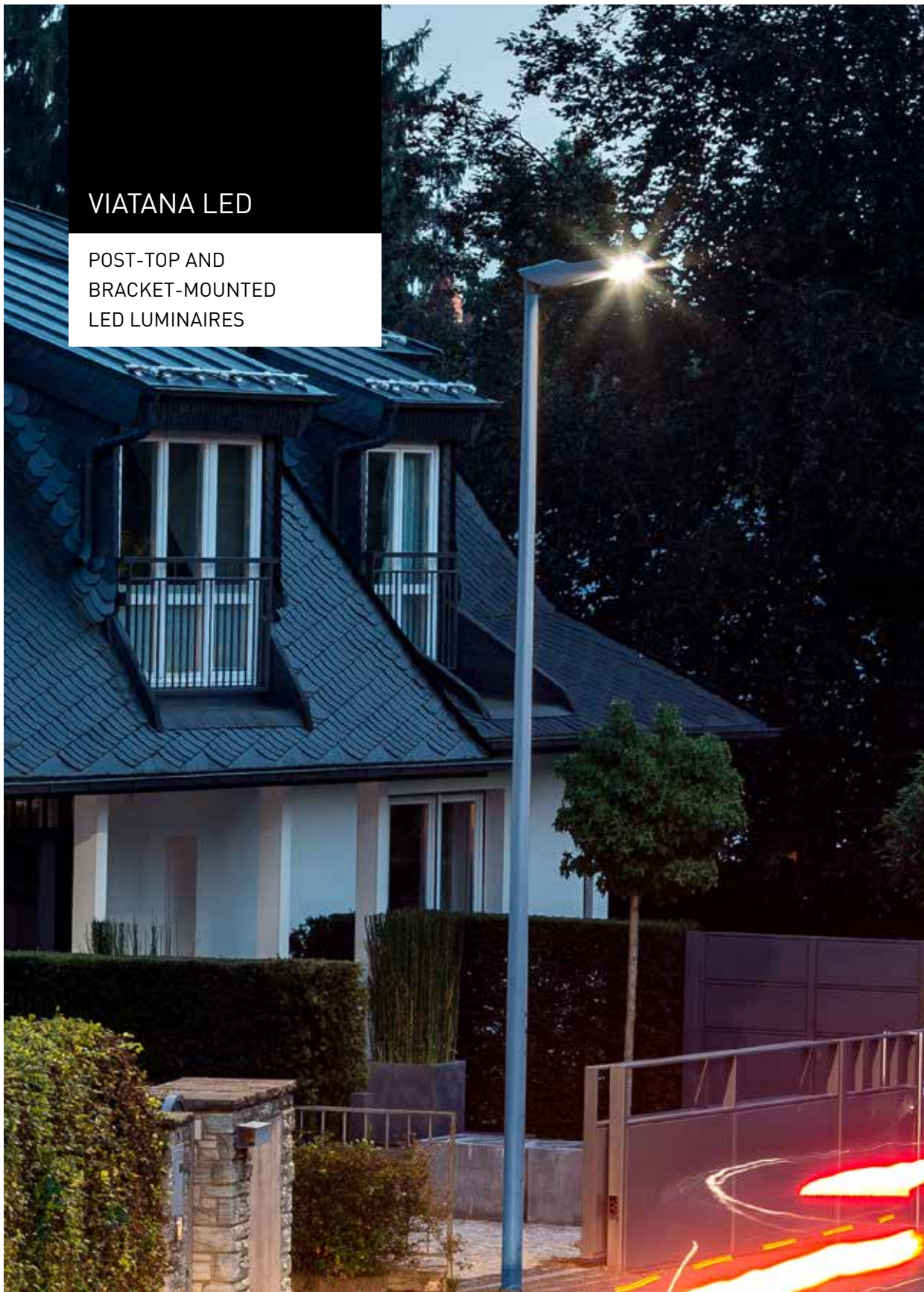
LED post-top and bracket-mounted luminaires, with power reduction, self-regulating (LRA), colour temperature 4000 K



Reference	TOC	...ET		W	=kg
LIQ 90-AB7L-LRA/13500-740 16G1S...	64 427...	...40	13500 lm	117	16.8
LIQ 90-AB7L-LRA/15000-740 20G1S...	64 830...	...40	15000 lm	129	17.0
LIQ 90-AB7L-LRA/16500-740 20G1S...	64 428...	...40	16500 lm	141	17.0
LIQ 90-AB7L-LRA/18000-740 24G1S...	64 831...	...40	18000 lm	146	17.2
LIQ 90-AB7L-LRA/20000-740 24G1S...	64 832...	...40	20000 lm	167	17.2
LIQ 90-AB7L-LRA/22000-740 24G1S...	64 429...	...40	22000 lm	188	17.2

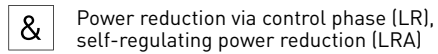
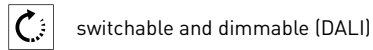
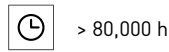
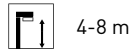
## VIATANA LED

POST-TOP AND  
BRACKET-MOUNTED  
LED LUMINAIRES



## ATTRACTIVE ON ALL ROADS

- Combination of state-of-the-art LED technology and free-form reflector technology for optimum luminous efficacy and maximum energy efficiency. Programmable control units enable energy-saving switching concepts.
- Electrical block removed without tools simplifies and accelerates installation.
- Luminous flux levels of between 2,000 and 9,000 lumens enables the optimal illumination of various traffic zones.



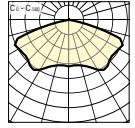
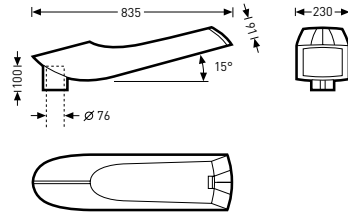
Computer-optimised  
free-form reflector


Zhaga-compliant  
LED modules

Viatana with  
Multi-Lens Technology (MLT)  
also available



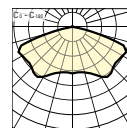
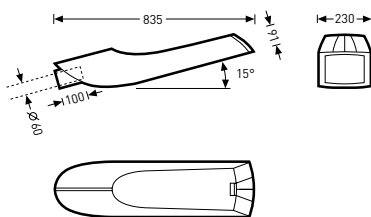
## Post-top luminaires with flat cover




Reference	TOC	...ETDD	...ET		W	≈kg
LED						
Viatana/2000-740...26	61 010...	...51	...40	2000 lm	20	12.5
Viatana/3000-740...26	61 011...	...51	...40	3000 lm	30	12.5
Viatana/4500-740...26	61 012...	...51	...40	4500 lm	45	12.5
Viatana/6000-740...26	61 013...	...51	...40	6000 lm	63	12.5
Viatana/7500-740...26	61 014...	...51	...40	7500 lm	79	12.5
Viatana/9000-740...26	61 053...	...51	...40	9000 lm	95	12.5
LED, special optic for pedestrian crossings						
Viatana FÜR/6000-740...26	61 015...	-	...40	6000 lm	57	12.7
Viatana FÜR/7500-740...26	61 016...	-	...40	7500 lm	72	12.7
Viatana FÜR/9000-740...26	62 220...	-	...40	9000 lm	90	12.7
LED, with power reduction [LR]						
Viatana LR/2000-740...26	61 017...	-	...40	2000 lm	20	12.7
Viatana LR/3000-740...26	61 018...	-	...40	3000 lm	30	12.7
Viatana LR/4500-740...26	61 019...	-	...40	4500 lm	45	12.7
Viatana LR/6000-740...26	61 020...	-	...40	6000 lm	63	12.7
Viatana LR/7500-740...26	61 021...	-	...40	7500 lm	79	12.7
Viatana LR/9000-740...26	61 054...	-	...40	9000 lm	95	12.7
LED, with power reduction, self-regulating [LRA]						
Viatana LRA/2000-740...26	61 022...	-	...40	2000 lm	20	12.5
Viatana LRA/3000-740...26	61 023...	-	...40	3000 lm	30	12.5
Viatana LRA/4500-740...26	61 024...	-	...40	4500 lm	45	12.5
Viatana LRA/6000-740...26	61 025...	-	...40	6000 lm	63	12.5
Viatana LRA/7500-740...26	61 026...	-	...40	7500 lm	79	12.5
Viatana LRA/9000-740...26	61 055...	-	...40	9000 lm	95	12.5



## Bracket-mounted luminaires with flat cover



Reference	TOC	...ETDD	...ET		W	=kg
LED						
<b>Viatana A/2000-740...26</b>	61 027...	...51	...40	2000 lm	20	12.3
<b>Viatana A/3000-740...26</b>	61 028...	...51	...40	3000 lm	30	12.3
<b>Viatana A/4500-740...26</b>	61 029...	...51	...40	4500 lm	45	12.3
<b>Viatana A/6000-740...26</b>	61 030...	...51	...40	6000 lm	63	12.3
<b>Viatana A/7500-740...26</b>	61 031...	...51	...40	7500 lm	79	12.3
<b>Viatana A/9000-740...26</b>	61 056...	...51	...40	9000 lm	95	12.3
LED, special optic for pedestrian crossings						
<b>Viatana A-FÜR/6000-740...26</b>	61 278...	-	...40	6000 lm	57	12.5
<b>Viatana A-FÜR/7500-740...26</b>	61 279...	-	...40	7500 lm	72	12.5
<b>Viatana A-FÜR/9000-740...26</b>	62 221...	-	...40	9000 lm	90	12.5
LED, with power reduction (LR)						
<b>Viatana A-LR/2000-740...26</b>	61 032...	-	...40	2000 lm	20	12.5
<b>Viatana A-LR/3000-740...26</b>	61 033...	-	...40	3000 lm	30	12.5
<b>Viatana A-LR/4500-740...26</b>	61 034...	-	...40	4500 lm	45	12.5
<b>Viatana A-LR/6000-740...26</b>	61 035...	-	...40	6000 lm	63	12.5
<b>Viatana A-LR/7500-740...26</b>	61 036...	-	...40	7500 lm	79	12.5
<b>Viatana A-LR/9000-740...26</b>	61 057...	-	...40	9000 lm	95	12.5
LED, with power reduction, self-regulating (LRA)						
<b>Viatana A-LRA/2000-740...26</b>	61 037...	-	...40	2000 lm	20	12.3
<b>Viatana A-LRA/3000-740...26</b>	61 038...	-	...40	3000 lm	30	12.3
<b>Viatana A-LRA/4500-740...26</b>	61 039...	-	...40	4500 lm	45	12.3
<b>Viatana A-LRA/6000-740...26</b>	61 040...	-	...40	6000 lm	63	12.3
<b>Viatana A-LRA/7500-740...26</b>	61 041...	-	...40	7500 lm	79	12.3
<b>Viatana A-LRA/9000-740...26</b>	61 058...	-	...40	9000 lm	95	12.3

### Post mounting brackets

Reference	TOC	Accessory description	≈kg
Viatana ZM1/76-0°	61 045 00	Post mounting bracket for Viatana A, 1-headed, inclination angle 0°	3.2
Viatana ZM2/76-II	61 046 00	Post mounting bracket for Viatana A, 2-headed, inclination angle 15°	4.5
Viatana ZM2/76-II-0°	61 047 00	Post mounting bracket for Viatana A, 2-headed, inclination angle 0°	4.5
Viatana ZM3/76-II	61 048 00	Post mounting bracket for Viatana A, 3-headed, inclination angle 15°	5.8
Viatana ZM3/76-II-0°	61 049 00	Post mounting bracket for Viatana A, 3-headed, inclination angle 0°	5.8

### Wall mounting bracket

Reference	TOC	Accessory description	≈kg
Viatana ZW 26	61 051 00	Wall mounting bracket for Viatana A, inclination angle 15°	2.2
Viatana ZW-0° 26	61 050 00	Wall mounting bracket for Viatana A, inclination angle 0°	2.7

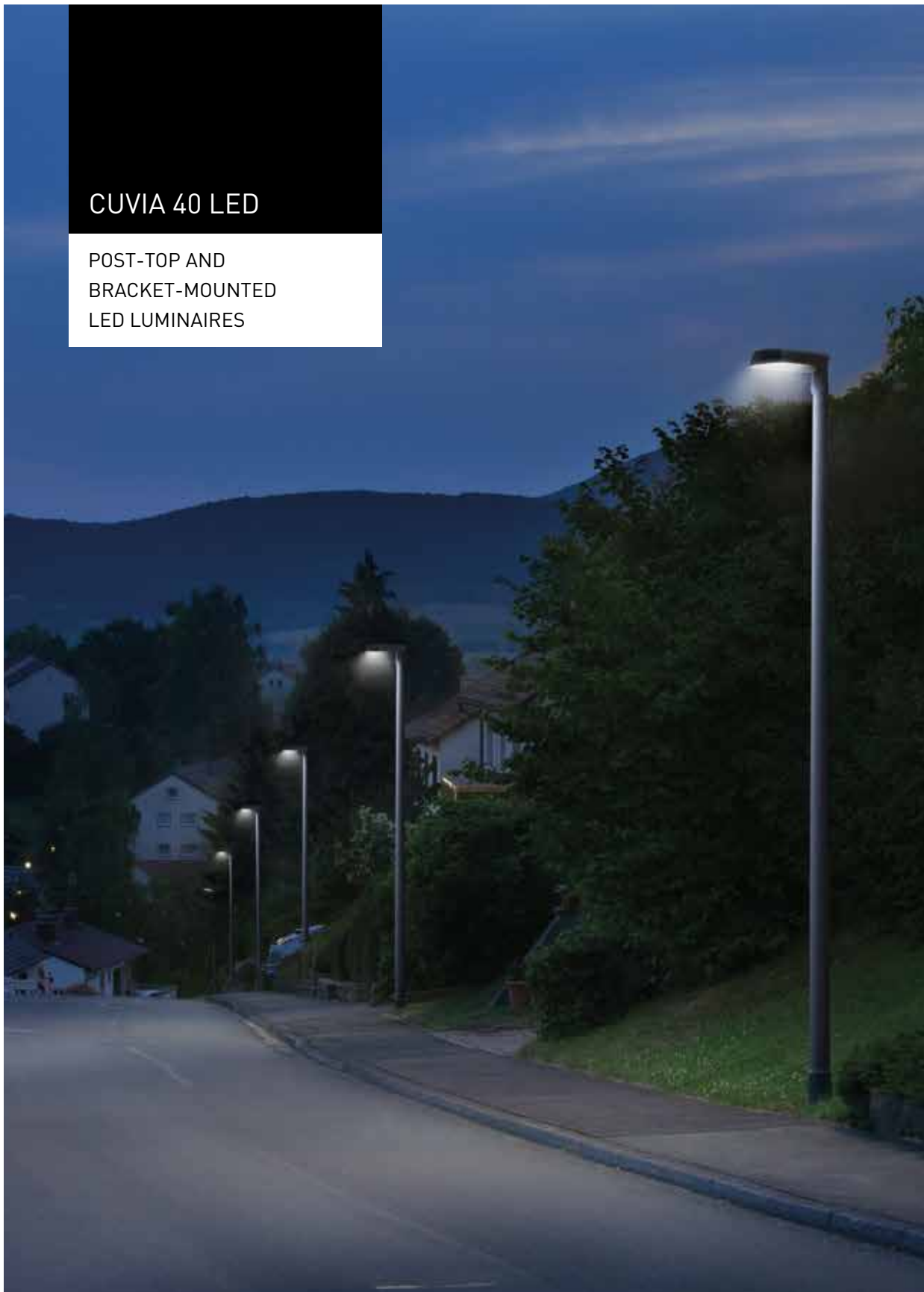
### Reduction pieces

Reference	TOC	Accessory description	≈kg
Viatana ZR/42	61 042 00	Reduction piece for Viatana A, for post spigot Ø 42 mm	0.2
Viatana ZR/48	61 043 00	Reduction piece for Viatana A, for post spigot Ø 48 mm	0.1
Viatana ZR/60	61 044 00	Reduction piece for post spigot Ø 60 mm	0.1



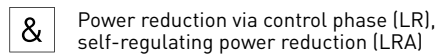
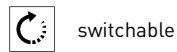
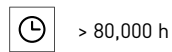
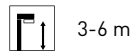
## CUVIA 40 LED

POST-TOP AND  
BRACKET-MOUNTED  
LED LUMINAIRES



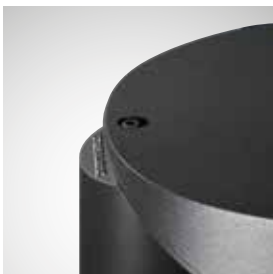
## ROAD LIGHTING SIMPLY CONSIDERED FOR THE FUTURE

- The modular design enables maximum flexibility with luminous flux packages and optical systems, making upgrades in the future very simple.
- Total cost efficiency: with purchasing, operating costs and maintenance.
- Luminaire head replaced without tools and can be simply adjusted between 0 and 10 degrees.

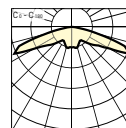
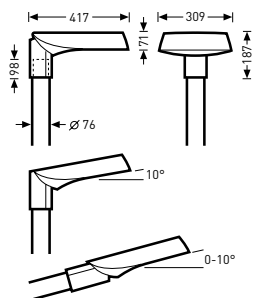



Light module can be separated from the base element with a single screw

Simple conversion for bracket-mounting



## LED post-top and bracket-mounted luminaires



Reference	TOC	...ET		W	≈kg
LED					
Cuvia 40-AB1L/800-740 1G2... <sup>1)</sup>	63 378...	...40	800 lm	11	5.6
Cuvia 40-AB1L/900-740 2G2...	63 379...	...40	900 lm	10	5.6
Cuvia 40-AB1L/1200-740 2G2...	63 661...	...40	1200 lm	14	5.6
Cuvia 40-AB1L/1350-740 2G2...	63 380...	...40	1350 lm	16	5.7
Cuvia 40-AB1L/1650-740 2G2...	63 381...	...40	1650 lm	20	5.7
Cuvia 40-AB1L/1800-740 3G2...	63 382...	...40	1800 lm	21	5.7
Cuvia 40-AB1L/2200-740 3G2...	63 662...	...40	2200 lm	27	6.2
Cuvia 40-AB1L/2400-740 3G2...	63 383...	...40	2400 lm	30	6.2
Cuvia 40-AB1L/2600-740 4G2...	63 384...	...40	2600 lm	31	6.2
Cuvia 40-AB1L/2900-740 4G2...	63 385...	...40	2900 lm	36	6.2
Cuvia 40-AB1L/3200-740 4G2...	63 663...	...40	3200 lm	40	6.2
LED, with power reduction (LR)					
Cuvia 40-AB1L-LR/1200-740 2G2...	63 655...	...40	1200 lm	14	7.1
Cuvia 40-AB1L-LR/1350-740 2G2...	63 386...	...40	1350 lm	16	7.1
Cuvia 40-AB1L-LR/1650-740 2G2...	63 387...	...40	1650 lm	20	7.2
Cuvia 40-AB1L-LR/1800-740 3G2...	63 388...	...40	1800 lm	21	7.2
Cuvia 40-AB1L-LR/2200-740 3G2...	63 656...	...40	2200 lm	27	7.2
Cuvia 40-AB1L-LR/2400-740 3G2...	63 389...	...40	2400 lm	30	7.7
Cuvia 40-AB1L-LR/2600-740 4G2...	63 390...	...40	2600 lm	31	7.7
Cuvia 40-AB1L-LR/2900-740 4G2...	63 391...	...40	2900 lm	36	7.7
Cuvia 40-AB1L-LR/3200-740 4G2...	63 657...	...40	3200 lm	40	7.7
LED, with power reduction, self-regulating [LRA]					
Cuvia 40-AB1L-LRA/1200-740 2G2...	63 658...	...40	1200 lm	14	7.1
Cuvia 40-AB1L-LRA/1350-740 2G2...	63 392...	...40	1350 lm	16	7.1
Cuvia 40-AB1L-LRA/1650-740 2G2...	63 393...	...40	1650 lm	20	7.2
Cuvia 40-AB1L-LRA/1800-740 3G2...	63 394...	...40	1800 lm	21	7.2
Cuvia 40-AB1L-LRA/2200-740 3G2...	63 659...	...40	2200 lm	27	7.2
Cuvia 40-AB1L-LRA/2400-740 3G2...	63 395...	...40	2400 lm	30	7.7
Cuvia 40-AB1L-LRA/2600-740 4G2...	63 396...	...40	2600 lm	31	7.7
Cuvia 40-AB1L-LRA/2900-740 4G2...	63 397...	...40	2900 lm	36	7.7
Cuvia 40-AB1L-LRA/3200-740 4G2...	63 660...	...40	3200 lm	40	7.7

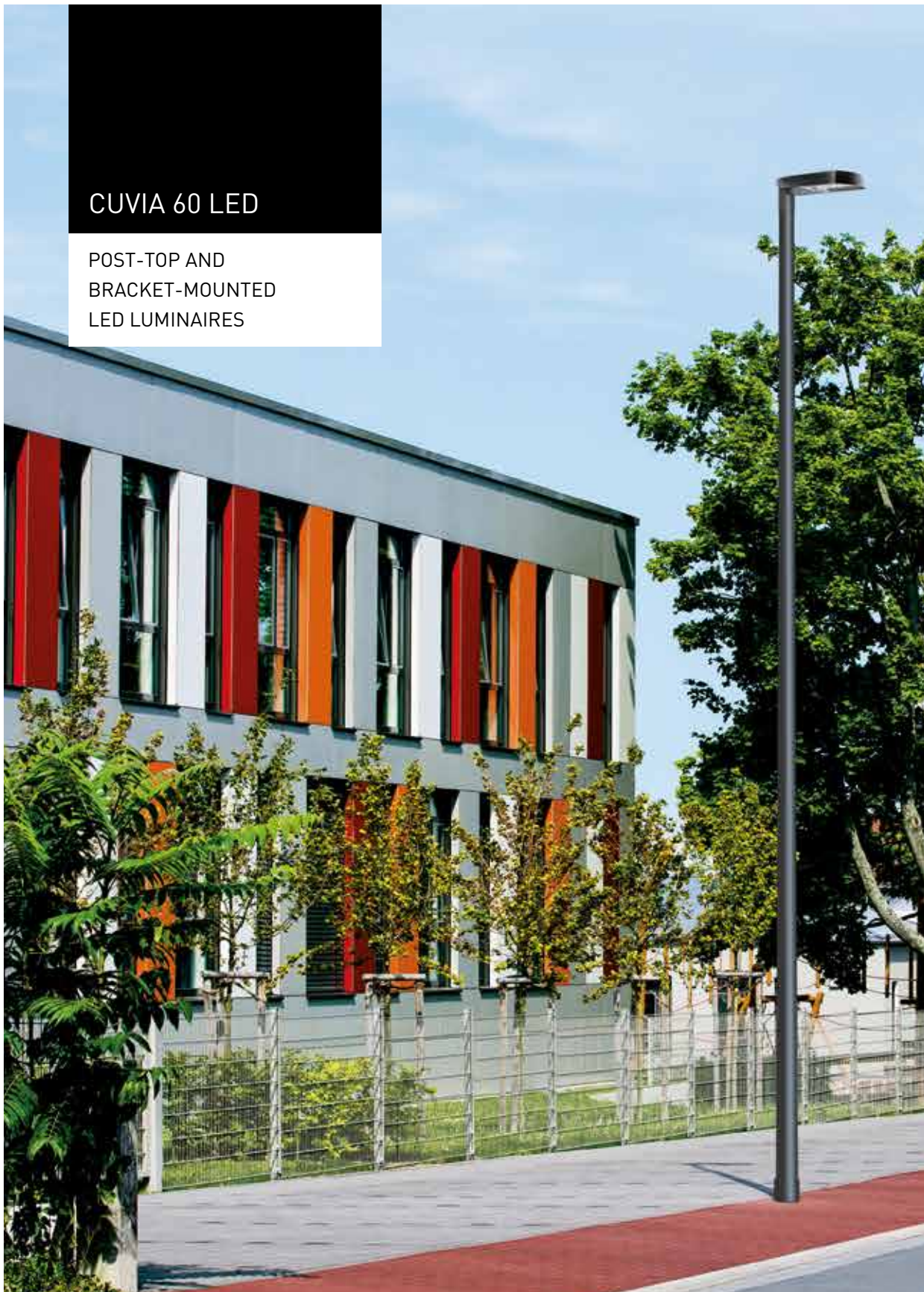
<sup>1)</sup> only in connection with SOLAR

## Reduction pieces

Reference	TOC	Accessory description	≈kg
<b>0970/42</b>	22 232 00	Reduction piece, for post spigot Ø 42 mm	0.2
<b>0970/48</b>	22 233 00	Reduction piece, for post spigot Ø 48 mm	0.1
<b>0970/60</b>	22 234 00	Reduction piece, for post spigot Ø 60 mm	0.1

## CUVIA 60 LED

POST-TOP AND  
BRACKET-MOUNTED  
LED LUMINAIRES





## ROAD LIGHTING SIMPLY CONSIDERED FOR THE FUTURE

- The modular design enables maximum flexibility with luminous flux packages and optical systems, making upgrades in the future very simple.
- Total cost efficiency: with purchasing, operating costs and maintenance.
- Luminaire head replaced without tools and can be simply adjusted between 0 and 10 degrees.



6-8 m



> 100,000 h



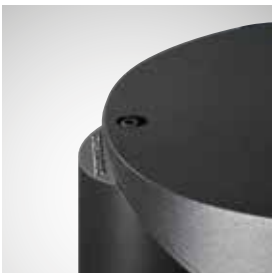
switchable



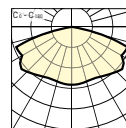
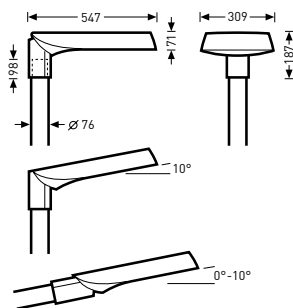
Power reduction via control phase (LR),  
self-regulating power reduction (LRA)


Light module can be separated from the base element with a single screw

Simple conversion for bracket-mounting



## LED post-top and bracket-mounted luminaires



Reference	TOC	...ET		W	≈kg
LED					
Cuvia 60-AB6L/3500-740 8G1...	63 398...	...40	3500 lm	27	6.2
Cuvia 60-AB6L/3800-740 8G1...	63 399...	...40	3800 lm	30	6.2
Cuvia 60-AB6L/4200-740 8G1...	63 400...	...40	4200 lm	34	6.2
Cuvia 60-AB6L/4600-740 8G1...	63 401...	...40	4600 lm	38	6.2
Cuvia 60-AB6L/5100-740 8G1...	63 402...	...40	5100 lm	43	6.2
Cuvia 60-AB6L/5600-740 8G1...	63 403...	...40	5600 lm	47	6.2
Cuvia 60-AB6L/6200-740 8G1...	63 404...	...40	6200 lm	53	6.2
Cuvia 60-AB6L/6800-740 8G1...	63 405...	...40	6800 lm	59	6.2
LED, with power reduction (LR)					
Cuvia 60-AB6L-LR/3500-740 8G1...	63 407...	...40	3500 lm	28	7.7
Cuvia 60-AB6L-LR/3800-740 8G1...	63 408...	...40	3800 lm	31	7.7
Cuvia 60-AB6L-LR/4200-740 8G1...	63 409...	...40	4200 lm	35	7.7
Cuvia 60-AB6L-LR/4600-740 8G1...	63 410...	...40	4600 lm	39	7.7
Cuvia 60-AB6L-LR/5100-740 8G1...	63 411...	...40	5100 lm	44	7.7
Cuvia 60-AB6L-LR/5600-740 8G1...	63 412...	...40	5600 lm	48	7.7
Cuvia 60-AB6L-LR/6200-740 8G1...	63 413...	...40	6200 lm	54	7.7
Cuvia 60-AB6L-LR/6800-740 8G1...	63 414...	...40	6800 lm	60	7.7
LED, with power reduction, self-regulating [LRA]					
Cuvia 60-AB6L-LRA/3500-740 8G1...	63 416...	...40	3500 lm	27	7.7
Cuvia 60-AB6L-LRA/3800-740 8G1...	63 417...	...40	3800 lm	30	7.7
Cuvia 60-AB6L-LRA/4200-740 8G1...	63 418...	...40	4200 lm	34	7.7
Cuvia 60-AB6L-LRA/4600-740 8G1...	63 419...	...40	4600 lm	38	7.7
Cuvia 60-AB6L-LRA/5100-740 8G1...	63 420...	...40	5100 lm	43	7.7
Cuvia 60-AB6L-LRA/5600-740 8G1...	63 421...	...40	5600 lm	47	7.7
Cuvia 60-AB6L-LRA/6200-740 8G1...	63 422...	...40	6200 lm	53	7.7
Cuvia 60-AB6L-LRA/6800-740 8G1...	63 423...	...40	6800 lm	59	7.7

## Reduction pieces

Reference	TOC	Accessory description	≈kg
<b>0970/42</b>	22 232 00	Reduction piece, for post spigot Ø 42 mm	0.2
<b>0970/48</b>	22 233 00	Reduction piece, for post spigot Ø 48 mm	0.1
<b>0970/60</b>	22 234 00	Reduction piece, for post spigot Ø 60 mm	0.1

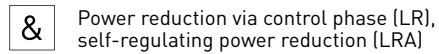
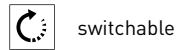
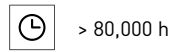
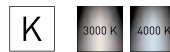
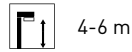
## LUMEGA 600 (LED)

POST-TOP AND  
BRACKET-MOUNTED  
LUMINAIRES



## SAFELY ECONOMICAL – BOTH TODAY AND IN THE FUTURE

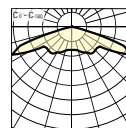
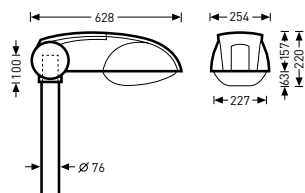
- The intelligent and proven luminaire construction means mounting and maintenance is child's play.
- Optimum light control and various luminaire luminous flux levels from 2,000 to 4,500 lm ensure a wide range of applications.
- Computer-optimised single lenses (Multi-Lens Technology) for uniform illumination of the complete road section and reduced risk of accidents.



E-block removed  
without tools



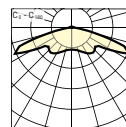
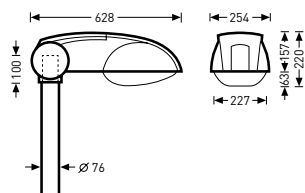
## Post-top and bracket-mounted luminaires



Reference	TOC	...ET	...E	...K		W	=kg
9701/LED 1800 nw...	59 017...	...40	-	-	1500 lm	18	8.0
9701/LED 3000 nw...	59 968...	...40	-	-	2500 lm	28	8.0
9701/35HIT-CE...	58 624...	-	-	...02	1 x HIT-CE 35		8.6
9701/50-70HST... <sup>1)</sup>	58 617...	-	-	...02	1 x HST 50/70		9.4
9701/70HIT-CE...	58 625...	-	-	...02	1 x HIT-CE 70		8.8
9701 R/50-70HST... <sup>1)</sup>	58 919...	-	-	...02	1 x HST 50/70		9.6
9701/TCT26/32/42...	58 620...	-	...04	-	1 x TC-T 26/32/42		8.0
9702/TCL18...	58 621...	-	...04	-	2 x TC-L 18		8.0

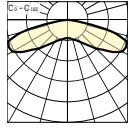
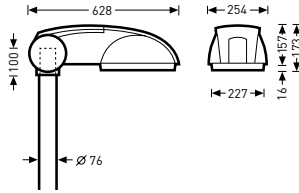
<sup>1)</sup>Switchable control unit, pre-set to low level

## Post-top and bracket-mounted luminaires with power reduction (LR)



Reference	TOC	...ET	...K		W	=kg
9701 LR/LED 3000 nw...	59 969...	...40	-	2500 lm	28	8.1
9701 LR/50HST...	58 618...	-	...02	1 x HST 50		9.3
9701 LR/70HST...	58 619...	-	...02	1 x HST 70		9.5

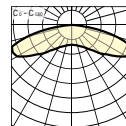
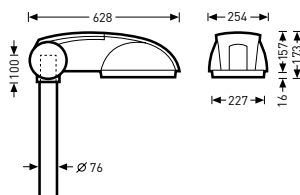
## Post-top and bracket-mounted luminaires with flat cover (SG)



Reference	TOC	...ET	...E	...K		W	=kg
9701 SG-AB/LED 2000/3000/4000 ww... <sup>1)</sup>	61 066...	...40	-	-	2000/3000/4000 lm	24/38/60	9.7
9701 SG-AB/LED 2000/3000/4500 nw... <sup>1)</sup>	61 063...	...40	-	-	2000/3000/4500 lm	20/31/50	9.7
9701 SG-AB/LED 2000 nw...	61 060...	...40	-	-	2000 lm	20	9.5
9701 SG-AB/LED 2000 ww...	61 064...	...40	-	-	2000 lm	24	9.5
9701 SG-AB/LED 3000 nw...	61 061...	...40	-	-	3000 lm	31	9.5
9701 SG-AB/LED 3000 ww...	61 065...	...40	-	-	3000 lm	38	9.5
9701 SG-AB/LED 4500 nw...	61 062...	...40	-	-	4500 lm	50	9.5
9701 SG/LED 1800 nw...	59 018...	...40	-	-	1400 lm	18	8.6
9701 SG/LED 3000 nw...	59 970...	...40	-	-	2300 lm	28	8.6
9701 SG/35HIT-CE...	58 615...	-	-	...02	1 x HIT-CE 35		9.2
9701 SG/50-70HST... <sup>1)</sup>	58 608...	-	-	...02	1 x HST 50/70		10.0
9701 SG/70HIT-CE...	58 616...	-	-	...02	1 x HIT-CE 70		9.4
9701 SG/TCT26/32/42...	58 611...	-	...04	-	1 x TC-T 26/32/42		8.6
9702 SG/TCL18...	58 612...	-	...04	-	2 x TC-L 18		8.6

<sup>1)</sup>Switchable control unit, pre-set to low level

## Post-top and bracket-mounted luminaires with flat cover (SG), with power reduction (LR)

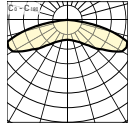
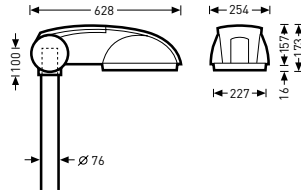


Reference	TOC	...ET	...K		W	≈kg
9701 LR-SG-AB/LED 2000/3000/4000 ww... <sup>1)</sup>	61 941...	...40	-	2000/3000/4000 lm	25/39/61	9.7
9701 LR-SG-AB/LED 2000/3000/4500 nw... <sup>1)</sup>	61 940...	...40	-	2000/3000/4500 lm	21/32/51	9.7
9701 LR-SG-AB/LED 2000 nw...	61 067...	...40	-	2000 lm	21	9.7
9701 LR-SG-AB/LED 2000 ww...	61 070...	...40	-	2000 lm	25	9.7
9701 LR-SG-AB/LED 3000 nw...	61 068...	...40	-	3000 lm	32	9.7
9701 LR-SG-AB/LED 3000 ww...	61 071...	...40	-	3000 lm	39	9.7
9701 LR-SG-AB/LED 4500 nw...	61 069...	...40	-	4500 lm	51	9.7
9701 LR-SG/LED 3000 nw...	59 971...	...40	-	2300 lm	28	8.7
9701 LR-SG/50HST...	58 609...	-	...02	1 x HST 50		9.9
9701 LR-SG/70HST...	58 610...	-	...02	1 x HST 70		10.1

<sup>1)</sup> Switchable control unit, pre-set to low level



## Post-top and bracket-mounted luminaires with flat cover (SG), with power reduction, self-regulating (LRA)



Reference	TOC	...ET		W	=kg
9701 LRA-SG-AB/LED 2000/3000/4000 ww... <sup>1)</sup>	61 954...	...40	2000/3000/4000 lm	25/39/61	9.7
9701 LRA-SG-AB/LED 2000/3000/4500 nw G2... <sup>1)</sup>	61 955...	...40	2000/3000/4500 lm	21/32/51	9.7
9701 LRA-SG-AB/LED 2000 nw G2...	61 072...	...40	2000 lm	21	9.7
9701 LRA-SG-AB/LED 2000 ww G2...	61 075...	...40	2000 lm	25	9.8
9701 LRA-SG-AB/LED 3000 nw G2...	61 073...	...40	3000 lm	32	9.8
9701 LRA-SG-AB/LED 3000 ww G2...	61 076...	...40	3000 lm	39	9.8
9701 LRA-SG-AB/LED 4500 nw G2...	61 074...	...40	4500 lm	51	9.8

<sup>1)</sup>Switchable control unit, pre-set to low level

### Post mounting brackets



Reference	TOC	Accessory description	=kg
09900/2/102-108	22 248 00	Post mounting bracket, 2-way, galvanised, for post spigot Ø 102-108 mm	7.8
09900/2/76	22 249 00	Post mounting bracket, 2-way, galvanised, for post spigot Ø 76 mm	7.6
09900/3/102-108	22 250 00	Post mounting bracket, 3-way, galvanised, for post spigot Ø 102-108 mm	10.4
09900/3/76	22 251 00	Post mounting bracket, 3-way, galvanised, for post spigot Ø 76 mm	10.2
09900/4/102-108	22 252 00	Post mounting bracket, 4-way, galvanised, for post spigot Ø 102-108 mm	13.1
09900/4/76	22 253 00	Post mounting bracket, 4-way, galvanised, for post spigot Ø 76 mm	12.9
09900/H/102-108	22 254 00	Post mounting bracket, 4-way, galvanised, for post spigot Ø 102-108 mm	18.7
09900/H/76	43 791 00	Post mounting bracket, 4-way H, galvanised, for post spigot Ø 76 mm	18.5

**Corner and post fixing accessory**

Reference <sup>1)</sup>	TOC	Accessory description	≈kg
<b>0803 EMB/100-42</b>	29 273 00	Corner and post fixing accessory, supports Ø 42 mm x 100 mm, inclination angle 15°	1.5

<sup>1)</sup>0970/42 Reduction piece additionally required

**Wall mounting bracket**

Reference <sup>1)</sup>	TOC	Accessory description	≈kg
<b>0803 WB/100-42</b>	29 277 00	Wall mounting bracket, supports Ø 42 mm x 100 mm, inclination angle 15°	1.2

<sup>1)</sup>0970/42 Reduction piece additionally required

**Reduction pieces**

Reference	TOC	Accessory description	≈kg
<b>0970/42</b>	22 232 00	Reduction piece, for post spigot Ø 42 mm	0.2
<b>0970/48</b>	22 233 00	Reduction piece, for post spigot Ø 48 mm	0.1
<b>0970/60</b>	22 234 00	Reduction piece, for post spigot Ø 60 mm	0.1



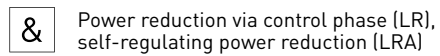
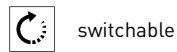
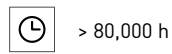
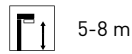
## LUMEGA 700 (LED)

POST-TOP AND  
BRACKET-MOUNTED  
LUMINAIRES



## SAFELY ECONOMICAL – BOTH TODAY AND IN THE FUTURE

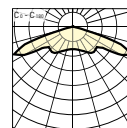
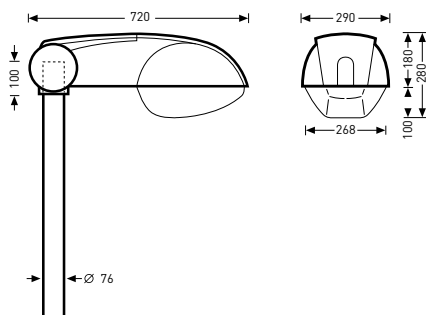
- Computer-optimised single lenses (Multi-Lens Technology) for efficient light control.
- Excellent illumination along the complete road with variable installation locations including pavements reduces the risk of accidents.
- Simple installation, maintenance and upgrading.
- Optimum light control and luminaire luminous flux levels from 5,000 to 9,700 lm ensure a wide range of applications.



### Exchangeable LED module



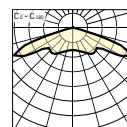
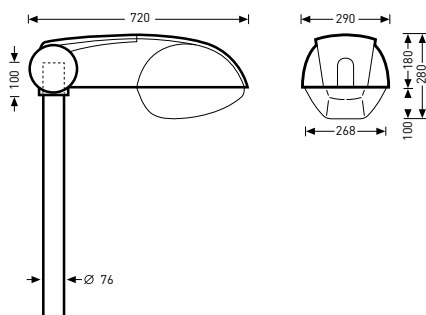
## Post-top and bracket-mounted luminaires



Reference	TOC	...ET	...E	...K		W	≈kg
9711/LED 4500 nw...	59 915...	...40	-	-	4000 lm	42	13.1
9711/100-150HST... <sup>1)</sup>	13 615...	-	-	...02	1 x HST 100/150		13.8
9711/50-70HST... <sup>1)</sup>	13 620...	-	-	...02	1 x HST 50/70		12.2
9711 FÜR/100-150HST... <sup>1)</sup>	13 625...	-	-	...02	1 x HST 100/150		13.8
9711 R/50-70HST... <sup>1)</sup>	13 644...	-	-	...02	1 x HST 50/70		12.6
9711/TCT26/32/42...	15 243...	-	...04	-	1 x TC-T 26/32/42		11.1
9712/TCL18-24...	15 289...	-	...04	-	2 x TC-L 18/24		11.6

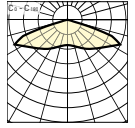
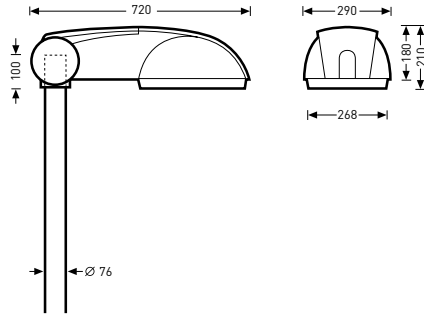
<sup>1)</sup>Switchable control unit, pre-set to low level

## Post-top and bracket-mounted luminaires with power reduction (LR)



Reference	TOC	...ET	...K		W	≈kg
9711 LR/LED 4500 nw...	59 966...	...40	-	4000 lm	42	13.3
9711 LR/100HST...	13 627...	-	...02	1 x HST 100		13.3
9711 LR/150HST...	13 629...	-	...02	1 x HST 150		13.8
9711 LR/70HST...	13 633...	-	...02	1 x HST 70		12.7

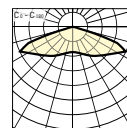
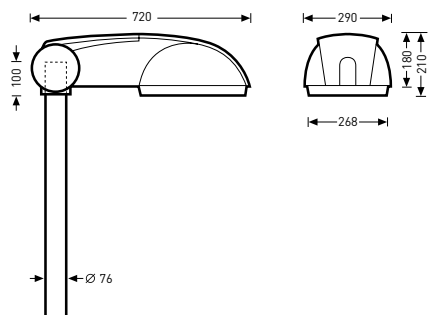
## Post-top and bracket-mounted luminaires with flat cover (SG)




Reference	TOC	...ET	...E	...K		W	=kg
9711 SG-AB/LED 5000/6500/8000 nw G2... <sup>1)</sup>	60 970...	...40	-	-	5000/6500/8000 lm	47/64/82	12.0
9711 SG-AB/LED 5000 nw G2...	60 608...	...40	-	-	5000 lm	47	11.7
9711 SG-AB/LED 6500 nw G2...	60 607...	...40	-	-	6500 lm	64	11.7
9711 SG-AB/LED 8000 nw G2...	60 606...	...40	-	-	8000 lm	82	11.7
9711 SG-AB/LED 9700 nw G2...	63 090...	...40	-	-	9700 lm	107	11.7
9711 SG/LED 4500 nw...	59 916...	...40	-	-	3400 lm	42	13.6
9711 SG/100-150HST... <sup>1)</sup>	13 645...	-	-	...02	1 x HST 100/150		13.8
9711 SG/50-70HST... <sup>1)</sup>	13 650...	-	-	...02	1 x HST 50/70		12.7
9712 SG/TCL18-24...	13 655...	-	...04	-	2 x TC-L 18/24		12.1

<sup>1)</sup>Switchable control unit, pre-set to low level

## Post-top and bracket-mounted luminaires with flat cover (SG), with power reduction (LR)

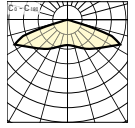
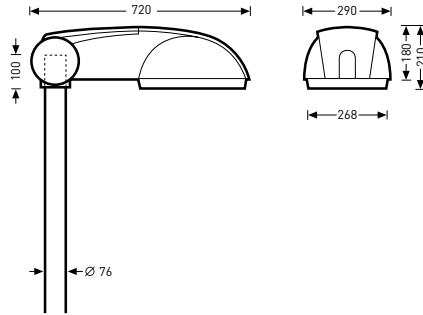


Reference	TOC	...ET	...K		W	≈kg
9711 LR-SG-AB/LED 5000/6500/8000 nw G2... <sup>1)</sup>	61 938...	...40	-	5000/6500/8000 lm	48/65/83	12.0
9711 LR-SG-AB/LED 5000 nw G2...	60 971...	...40	-	5000 lm	48	12.1
9711 LR-SG-AB/LED 6500 nw G2...	60 972...	...40	-	6500 lm	65	12.1
9711 LR-SG-AB/LED 8000 nw G2...	60 973...	...40	-	8000 lm	83	12.1
9711 LR-SG-AB/LED 9700 nw G2...	63 091...	...40	-	9700 lm	108	12.1
9711 LR-SG/LED 4500 nw...	59 967...	...40	-	3400 lm	42	13.8
9711 LR-SG/100HST...	13 636...	-	...02	1 x HST 100		13.8
9711 LR-SG/150HST...	13 638...	-	...02	1 x HST 150		14.3
9711 LR-SG/70HST...	13 642...	-	...02	1 x HST 70		13.2

<sup>1)</sup> Switchable control unit, pre-set to low level



## Post-top and bracket-mounted luminaires with flat cover (SG), with power reduction, self-regulating (LRA)



Reference	TOC	...ET		W	=kg
9711 LRA-SG-AB/LED 5000/6500/8000 nw G2... <sup>1)</sup>	61 939...	...40	5000/6500/8000 lm	48/65/83	12.0
9711 LRA-SG-AB/LED 5000 nw G2...	60 974...	...40	5000 lm	48	12.2
9711 LRA-SG-AB/LED 6500 nw G2...	60 975...	...40	6500 lm	65	12.2
9711 LRA-SG-AB/LED 8000 nw G2...	60 976...	...40	8000 lm	83	12.2
9711 LRA-SG-AB/LED 9700 nw G2...	63 092...	...40	9700 lm	108	12.2

<sup>1)</sup>Switchable control unit, pre-set to low level

## Post-top and bracket-mounted luminaires with flat cover (SG), refurbishment sets (US)



Reference	TOC	...ET		W	=kg
US 9711SG-AB/LED 5000/6500/8000 nw Ge2... <sup>1)</sup>	60 977...	...40	5000/6500/8000 lm	47/64/82	4.3
US 9711SG-AB/LED 5000 nw Ge2...	60 611...	...40	5000 lm	47	4.3
US 9711SG-AB/LED 6500 nw Ge2...	60 610...	...40	6600 lm	64	4.3
US 9711SG-AB/LED 8000 nw Ge2...	60 609...	...40	8000 lm	82	4.3
US 9711SG-AB/LED 9700 nw Ge2...	63 096...	...40	9700 lm	107	4.3

<sup>1)</sup>Switchable control unit, pre-set to low level


# LUMEGA 700 (LED)

Post-top and bracket-mounted luminaires with flat cover (SG), refurbishment sets (US), with power reduction (LR)






 IP66


Reference	TOC	...ET		W	≈kg
US 9711 LR-SG-AB/LED 5000 nw Ge2...	60 978...	...40	5000 lm	48	4.4
US 9711 LR-SG-AB/LED 6500 nw Ge2...	60 979...	...40	6600 lm	65	4.4
US 9711 LR-SG-AB/LED 8000 nw Ge2...	60 980...	...40	8000 lm	83	4.4
US 9711 LR-SG-AB/LED 9700 nw Ge2...	63 097...	...40	9700 lm	108	4.3

Post-top and bracket-mounted luminaires with flat cover (SG), refurbishment sets (US), with power reduction, self-regulating (LRA)






 IP66

Reference	TOC	...ET		W	≈kg
US 9711 LRA-SG-AB/LED 5000 nw Ge2...	60 981...	...40	5000 lm	48	4.5
US 9711 LRA-SG-AB/LED 6500 nw Ge2...	60 982...	...40	6600 lm	65	4.5
US 9711 LRA-SG-AB/LED 8000 nw Ge2...	60 983...	...40	8000 lm	83	4.5
US 9711 LRA-SG-AB/LED 9700 nw Ge2...	63 098...	...40	9700 lm	108	4.3

## Post mounting brackets



Reference	TOC	Accessory description	=kg
09900/2/102-108	22 248 00	Post mounting element, 2-way, galvanised, for post spigot Ø 102-108 mm	7.8
09900/2/76	22 249 00	Post mounting element, 2-way, galvanised, for post spigot Ø 76 mm	7.6
09900/3/102-108	22 250 00	Post mounting element, 3-way, galvanised, for post spigot Ø 102-108 mm	10.4
09900/3/76	22 251 00	Post mounting element, 3-way, galvanised, for post spigot Ø 76 mm	10.2
09900/4/102-108	22 252 00	Post mounting element, 4-way, galvanised, for post spigot Ø 102-108 mm	13.1
09900/4/76	22 253 00	Post mounting element, 4-way, galvanised, for post spigot Ø 76 mm	12.9
09900/H/102-108	22 254 00	Post mounting element, 4-way, galvanised, for post spigot Ø 102-108 mm	18.7
09900/H/76	43 791 00	Post mounting element, 4-way H, galvanised, for post spigot Ø 76 mm	18.5

## Corner and post fixing accessory

Reference <sup>1)</sup>	TOC	Accessory description	=kg
0803 EMB/100-42	29 273 00	Corner and post fixing accessory, supports Ø 42 mm x 100 mm, inclination angle 15°	1.5

<sup>1)</sup>0970/42 reduction piece additionally required

## Wall mounting bracket

Reference <sup>1)</sup>	TOC	Accessory description	=kg
0803 WB/100-42	29 277 00	Wall mounting bracket, supports Ø 42 mm x 100 mm, inclination angle 15°	1.2

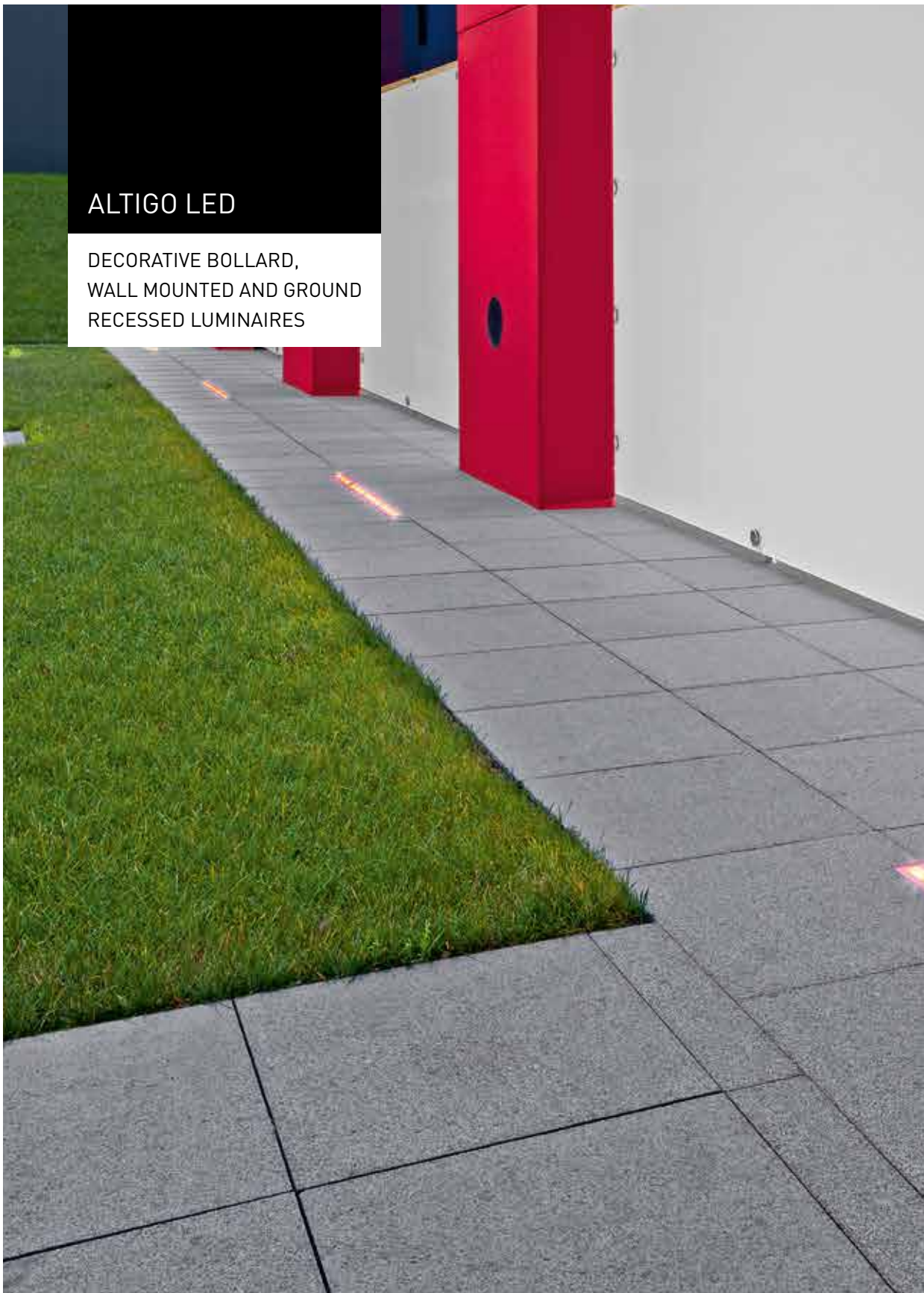
<sup>1)</sup>0970/42 reduction piece additionally required

## Reduction pieces

Reference	TOC	Accessory description	=kg
0970/42	22 232 00	Reduction piece, for post spigot Ø 42 mm	0.2
0970/48	22 233 00	Reduction piece, for post spigot Ø 48 mm	0.1
0970/60	22 234 00	Reduction piece, for post spigot Ø 60 mm	0.1

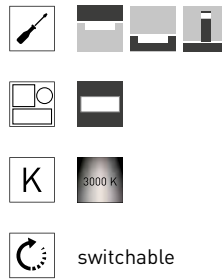
## ALTIGO LED

DECORATIVE BOLLARD,  
WALL MOUNTED AND GROUND  
RECESSED LUMINAIRES



## DIVERSE SIGNPOSTS TOWARDS THE FUTURE

- Wide application spectrum due to optional installation in the ground, walls or ceilings.
- Available with symmetric or asymmetric beam characteristic and white or coloured light upon request.
- Fixing in mounting enclosure without tools. Each module has the requisite disassembly key for easy removal.



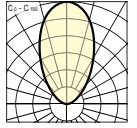
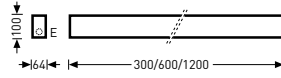
Flush ground recessing



Concise, purist design



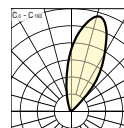
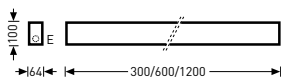
## Decorative ground recessed luminaires




IP67

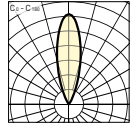
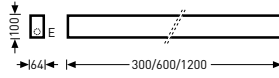
Reference	TOC	...ET	Requires further components		W	≈kg
LED, light colour white						
<b>Altigo 300/LED ww...</b>	60 212...	... <b>40</b>	-	20 lm	4,5	1,1
<b>Altigo 600/LED ww...</b>	60 218...	... <b>40</b>	-	40 lm	7	2,1
<b>Altigo 1200/LED ww...</b>	60 224...	... <b>40</b>	-	80 lm	13	4,0
LED, light colour RGB						
<b>Altigo 300/LED-RGB</b>	60 213...	-	... <b>50</b>	30 lm	10	1,1
<b>Altigo 600/LED-RGB</b>	60 219...	-	... <b>50</b>	60 lm	22	2,1
<b>Altigo 1200/LED-RGB</b>	60 225...	-	... <b>50</b>	100 lm	43	4,0

## Decorative ground recessed luminaires, asymmetric medium wide distribution (AM)



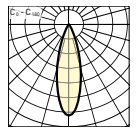
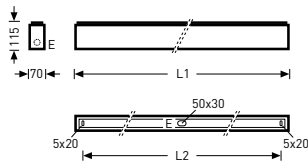
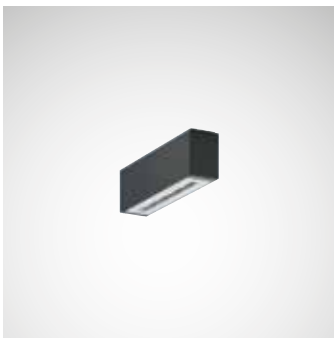
Reference	TOC	...ET	Requires further components		W	=kg
LED, light colour white						
<b>Altigo 300-AM/LED ww...</b>	60 214...	...40	-	200 lm	10	1.2
<b>Altigo 600-AM/LED ww...</b>	60 220...	...40	-	450 lm	20	2.3
<b>Altigo 1200-AM/LED ww...</b>	60 226...	...40	-	950 lm	40	4.2
LED, light colour RGB						
<b>Altigo 300-AM/LED-RGB</b>	60 215...	-	...50	200 lm	8	1.2
<b>Altigo 600-AM/LED-RGB</b>	60 221...	-	...50	300 lm	16	2.2
<b>Altigo 1200-AM/LED-RGB</b>	60 227...	-	...50	700 lm	40	4.2

## Decorative ground recessed luminaires, symmetric medium wide distribution (SM)



Reference	TOC	...ET	Requires further components		W	≈kg
LED, light colour white						
Altigo 300-SM/LED ww...	60 216...	...40	-	300 lm	10	1.2
Altigo 600-SM/LED ww...	60 222...	...40	-	550 lm	20	2.2
Altigo 1200-SM/LED ww...	60 228...	...40	-	1200 lm	40	4.2
LED, light colour RGB						
Altigo 300-SM/LED-RGB	60 217...	-	...50	250 lm	10	1.2
Altigo 600-SM/LED-RGB	60 223...	-	...50	350 lm	16	2.2
Altigo 1200-SM/LED-RGB	60 229...	-	...50	800 lm	33	4.2

## Decorative ceiling luminaires



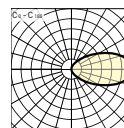
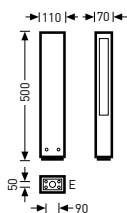
L1: 340/Altigo D 300..., 640/Altigo D 600..., 1240/Altigo D 1200...  
 L2: 270/Altigo D 300..., 570/Altigo D 600..., 1170/Altigo D 1200...




Reference	TOC	...ET		W	≈kg
Altigo D 300-SM/LED ww...	60 236...	...40	250 lm	10	3.0
Altigo D 600-SM/LED ww...	60 237...	...40	550 lm	20	5.3
Altigo D 1200-SM/LED ww...	60 238...	...40	1200 lm	40	10.0

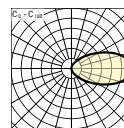
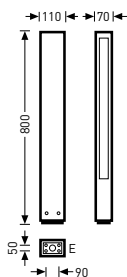



## Decorative bollard luminaires



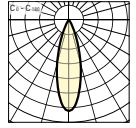
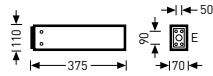
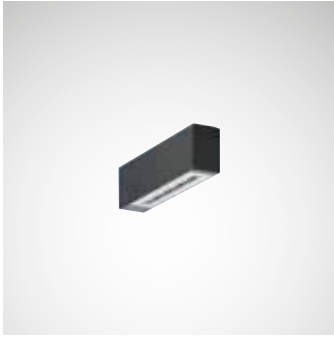
Reference	TOC	...ET		W	=kg
Altigo 50/LED ww...	60 242...	...40	20 lm	4,5	3.5

## Decorative bollard luminaires



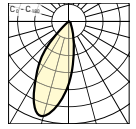
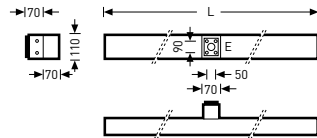
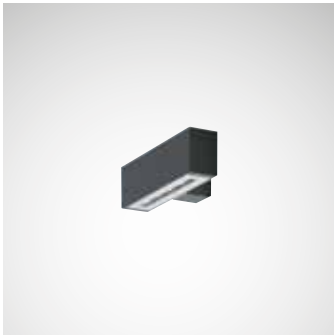
Reference	TOC	...ET		W	=kg
Altigo 80/LED ww...	60 243...	...40	40 lm	7	5.5

## Decorative wall luminaires



Reference	TOC	...ET		W	≈kg
Altigo W 300-SM/LED ww...	60 239...	...40	250 lm	10	3.0

## Decorative wall luminaires



L: 340/Altigo WT 300..., 640/Altigo WT 600...



Reference	TOC	...ET		W	≈kg
Altigo WT 300-AM/LED ww...	60 240...	...40	200 lm	10	3.5
Altigo WT 600-AM/LED ww...	60 241...	...40	450 lm	20	5.6

## Underground supports

Reference	TOC	Accessory description	≈kg
Altigo E	60 244 00	Underground support, galvanised	2.3

## Mounting housings

Reference	TOC	Accessory description	=kg
<b>Altigo BE 1200</b>	60 234 00	Mounting housing for Altigo 1200..., with knockouts for cable feed and drainage	2.1
<b>Altigo BE 300</b>	60 232 00	Mounting housing for Altigo 300..., with knockouts for cable feed and drainage	0.6
<b>Altigo BE 600</b>	60 233 00	Mounting housing for Altigo 600..., with knockouts for cable feed and drainage	1.1

## Power supply

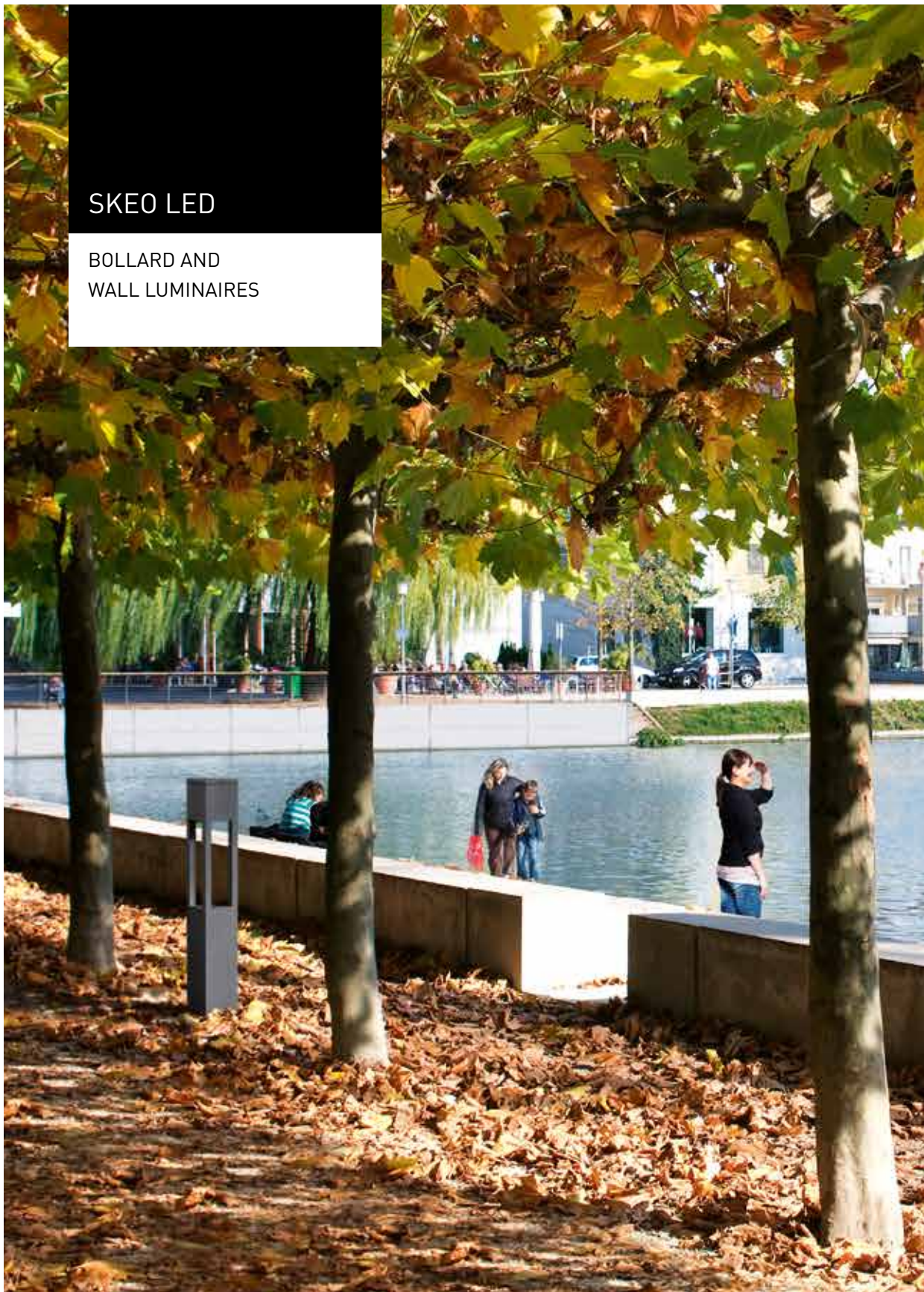
Reference	TOC	Accessory description	=kg
<b>ZET DMX150</b>	60 270 00	DMX power supply 24V, 150W	2.5

## Accessories

Reference	TOC	Accessory description	=kg
<b>Altigo ZBE LV</b>	60 750 00	Straight connector set for mounting housing	0.1
<b>Altigo ZFK</b>	60 751 00	Recessed module mounting set with 2 replacement catches and 1 removal tool	0.1

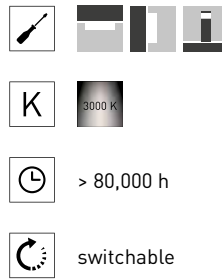
SKEO LED

BOLLARD AND  
WALL LUMINAIRES



## TIMELESS CHARM WITH EFFICIENT CHARACTER

- Accentuating element for architecturally sophisticated outdoor designs.
- Optionally available in two basic geometric forms, a cylindrical and a prismatic design.
- Differing beam characteristics and the option of specifying either single-sided or direct-indirect light emission offers wide design flexibility.



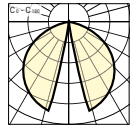
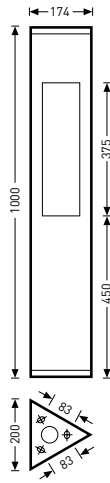
Unique character




Discreet design



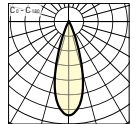
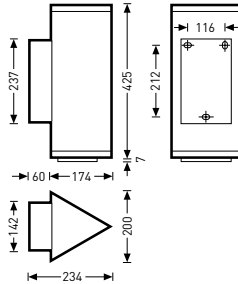
Decorative prismatic bollard luminaires




⊕ CE IP65

Reference	TOC	...ET		W	≈kg
Skeo-P 100 RM/700-830...26	61 159...	...40	700 lm	16	7.4

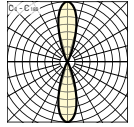
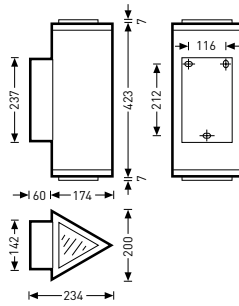
Decorative cylindrical bollard luminaires, direct distribution (D)




⊕ CE IP65

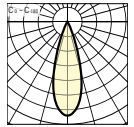
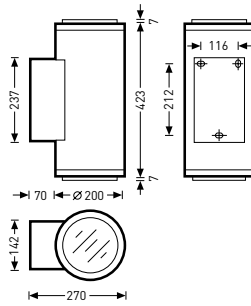
Reference	TOC	...ET		W	≈kg
Skeo-P W-D RB/800-830...26	61 155...	...40	770 lm	15	5.5


## Decorative prismatic wall luminaires, direct/indirect distribution (DI)



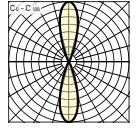
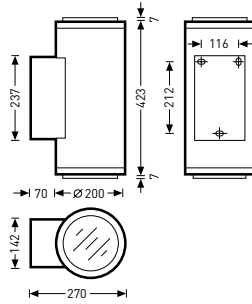
Reference	TOC	...ET		W	=kg
Skeo-P W-DI RB-RB/1600-830...26	61 157...	...40	1500 lm	30	6.4
Skeo-P W-DI RB-RT/1700-830...26	61 158...	...40	1600 lm	30	6.4
Skeo-P W-DI RT-RT/1700-830...26	61 156...	...40	1700 lm	30	5.5

## Decorative cylindrical wall luminaires, direct distribution (D)



Reference	TOC	...ET		W	=kg
Skeo-C W-D RB/800-830...26	61 150...	...40	770 lm	15	7.5

## Decorative cylindrical wall luminaires, direct/indirect distribution (DI)



⊕ CE IP65

Reference	TOC	...ET		W	≈kg
Skeo-C W-DI RB-RB/1600-830...26	61 152...	...40	1500 lm	30	9.3
Skeo-C W-DI RB-RT/1700-830...26	61 153...	...40	1600 lm	30	9.3
Skeo-C W-DI RT-RT/1700-830...26	61 151...	...40	1700 lm	30	9.3

### Underground support

Reference	TOC	Accessory description	≈kg
Skeo-P ZE 50	61 161 00	Underground support	2.5

### Connection accessory

Reference	TOC	Accessory description	≈kg
ZCG-20	61 230 00	Cable entry M20, IP65	

### Mounting accessory

Reference	TOC	Accessory description	≈kg
Skeo-P ZKTS	61 415 00	Mounting brackets junction box	0.4





## CONSTELA LED

DECORATIVE, MODULAR  
LIGHT COLUMNS



## BREATHTAKINGLY ATTRACTIVE AND INTELLIGENTLY CONFIGURED

- Supporting columns with various heights, various luminaire heads and the option of using flexibly settable spots create unique light columns. Further custom solutions upon request.
- With the TRILUX Configurator, individual modules are quickly combined to custom-designed columns.
- Luminaire heads rotatable through 360°, enabling precise on-site alignments.
- Two different diameters: Ø 200 mm and Ø 230 mm



> 80,000 h



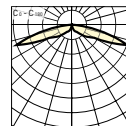
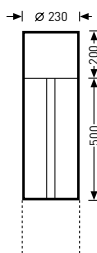
switchable

Height-adjustable luminaire head (500 mm and 800 mm)


Two different Empor luminaire head variants



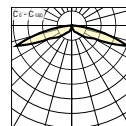
## Decorative light columns




☐ CE IP65

Reference	TOC	...ET		W	≈kg
CS 23 Basic 80 AB1L/4200-740 5G3...	62 912...	...40	4200 lm	44	14.1
CS 23 Basic 80 RB1L/4200-740 5G2...	62 910...	...40	4200 lm	44	14.1

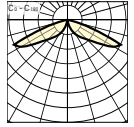
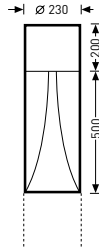
## Decorative light columns




☐ CE IP65

Reference	TOC	...ET		W	≈kg
CS 23 Basic 110 AB1L/4200-740 5G3...	62 913...	...40	4200 lm	44	16.2
CS 23 Basic 110 RB1L/4200-740 5G2 ...	62 911...	...40	4200 lm	44	16.2

## Decorative light columns



Reference	TOC	...ET		W	=kg
CS 23 Empor 80 RB1L/4200-740 562...	62 914...	...40	4200 lm	44	12.4

## Junction boxes

Reference	TOC	Accessory description	=kg
0802 KÜ/3	22 182 00	Junction box	0.8

## Supporting columns

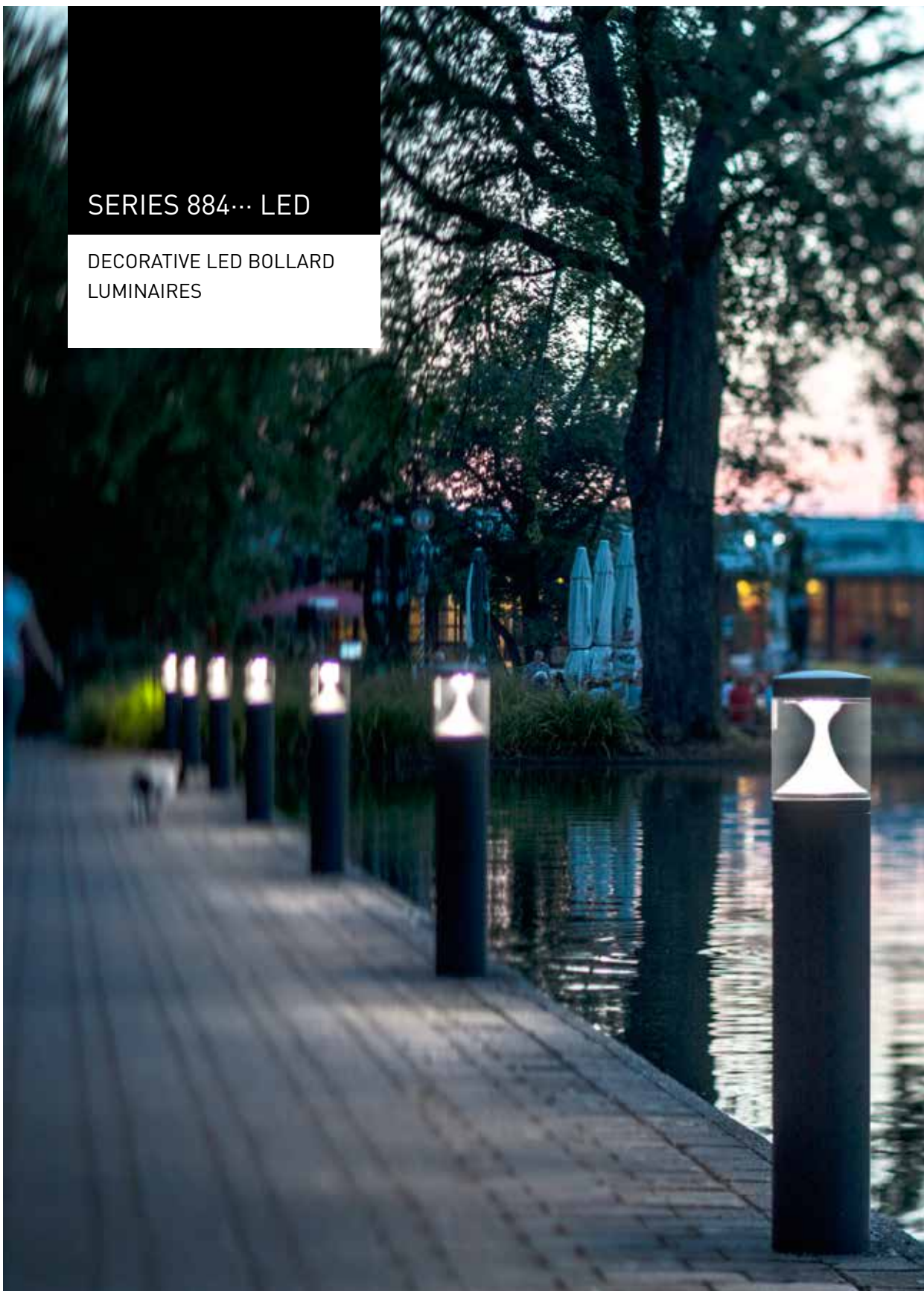
Reference	TOC	Accessory description	=kg
CS 23-E 4000 26	62 904 00	Supporting column 4.00 m with underground support	53.2
CS 23-E 4500 26	62 906 00	Supporting column 4.50 m with underground support	60.3
CS 23-E 5000 26	62 908 00	Supporting column 5.00 m with underground support	64.3
CS 23-FP 5000 26	62 907 00	Supporting column 5.00 m with flange plate	59.3
CS 23-FP 5500 26	62 965 00	Supporting column 5.50 m with flange plate	64.3
CS 23-FP 6000 26	62 909 00	Supporting column 6.00 m with flange plate	69.3
CS 23-FP 4000 26	62 903 00	Supporting column 4.00 m with flange plate	49.2
CS 23-FP 4500 26	62 905 00	Supporting column 4.50 m flange plate	54.3

## Screens

Reference	TOC	Accessory description	=kg
ZCS 23	62 916 00	Screen	4.7

SERIES 884... LED

DECORATIVE LED BOLLARD  
LUMINAIRES





## STYLISHLY HIGH PERFORMANCE

- Simple installation, maintenance and upgrading.
- The modular luminaire design enables upgrading to later, more efficient LED generations.



> 80,000 h

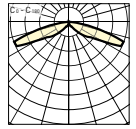
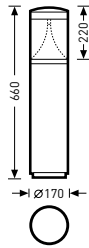


switchable


### Exchangeable LED module



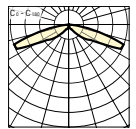
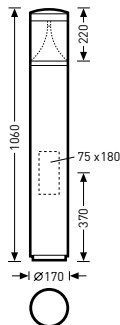
## LED bollard luminaire, 660 mm




ENEC CE IP65

Reference	TOC	...ET		W	≈kg
8841 K-AB-A01/700-730...26	63 121...	...40	700 lm	9	6.1
8841 K-RB/700-730...26	63 123...	...40	700 lm	10	6.1

## LED bollard luminaire, 1060 mm



ENEC CE IP65

Reference	TOC	...ET		W	≈kg
8841 AB-A01/700-730...26	63 119...	...40	700 lm	9	7.8
8841 RB/800-730...26	63 124...	...40	800 lm	11	7.8
With rear door					
8841 Ü-AB-A01/700-730...26	63 125...	...40	700 lm	9	8.4
8841 Ü-RB/800-730...26	63 127...	...40	800 lm	11	7.8



**Underground support**

Reference	TOC	Accessory description	≈kg
08800	22 214 00	Luminaire underground support	2.8

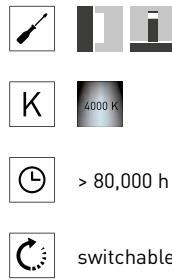
HS (LED)

DECORATIVE LED BOLLARD  
AND WALL LUMINAIRES



## SIMPLE, BUT FAR FROM BORING

- HS optimally displays surfaces with light accents.
- Energy-efficient with extremely low maintenance due to LED technology.
- The highly durable luminaires are an ideal and reliable partner in outdoor areas.

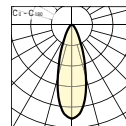
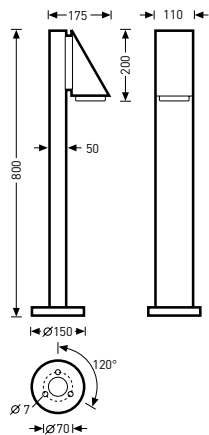



Purist design

HS with LED – highly durable and almost maintenance-free



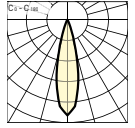
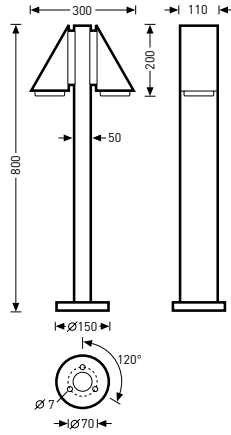
## Decorative bollard luminaires




Reference	TOC	...ET	Mains		W	≈kg
Grey-white, similar to RAL 9002						
<b>HS 80 RM1L/300-840 1G1PL...24<sup>1)</sup></b>	55 631...	<b>...40</b>	-	300 lm	6	4.6
<b>HS 80/1x50QPAR 24</b>	55 580...	-	<b>...10</b>	1 x PAR 50		6.4
Anthracite, similar to DB703						
<b>HS 80 RM1L/300-840 1G1PL...26<sup>1)</sup></b>	55 632...	<b>...40</b>	-	300 lm	6	4.6
<b>HS 80/1x50QPAR 26</b>	55 581...	-	<b>...10</b>	1 x PAR 50		6.4

<sup>1)</sup>EN 60598-compliant.

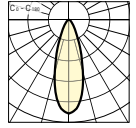
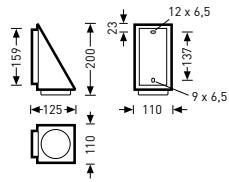
## Decorative bollard luminaires with double-headed configuration (M2)




Reference	TOC	...ET	Mains		W	≈kg
Grey-white, similar to RAL 9002						
<b>HS 80 M2 RM1L/600-840 2G1PL...24<sup>1)</sup></b>	55 654...	... <b>40</b>	-	600 lm	12	5.8
<b>HS 80-M2/1x50QPAR 24</b>	55 635...	-	... <b>10</b>	1 x QPAR 50		4.6
Anthracite, similar to DB703						
<b>HS 80 M2 RM1L/600-840 2G1PL...26<sup>1)</sup></b>	55 655...	... <b>40</b>	-	600 lm	12	5.8
<b>HS 80-M2/1x50QPAR 26</b>	55 636...	-	... <b>10</b>	1 x QPAR 50		4.6

<sup>1)</sup> EN 60598-compliant.

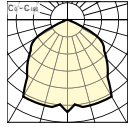
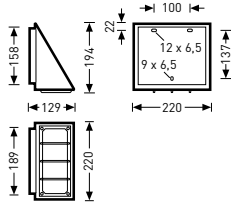
## Decorative wall luminaires



Reference	TOC	...ET	Mains		W	≈kg
Grey-white, similar to RAL 9002						
<b>HS I RM1L/300-840 1G1PL...24<sup>1)</sup></b>	55 782...	... <b>40</b>	-	300 lm	6	1.2
<b>HS I/1x50QPAR 24</b>	55 667...	-	... <b>10</b>	1 x QPAR 50		1.2
Anthracite, similar to DB703						
<b>HS I RM1L/300-840 1G1PL...26<sup>1)</sup></b>	55 785...	... <b>40</b>	-	300 lm	6	1.2
<b>HS I/1x50QPAR 26</b>	55 670...	-	... <b>10</b>	1 x QPAR 50		1.2
Anthracite with metal effect, similar to DB 704						
<b>HS I RM1L/300-840 1G1PL...27</b>	55 786...	... <b>40</b>	-	300 lm	6	1.2

<sup>1)</sup> EN 60598-compliant.

## Decorative wall luminaires with protective grid



Reference	TOC	...L	Mains		=kg
Grey-white, similar to RAL 9002					
HS II/1x100QT-DE 24	55 791...	-	...10	1 x QT-DE 100	1.8
HS II/1xTCD18...24	53 525...	...01	-	1 x TC-D 18	2.3
Anthracite, similar to DB703					
HS II/1x100QT-DE 26	55 794...	-	...10	1 x QT-DE 100	1.8
HS II/1xTCD18...26	53 527...	...01	-	1 x TC-D 18	2.3

## Underground supports

Reference	TOC	Accessory description	=kg
0804 E-5	56 422 00	Underground support, galvanised	2.6

## PAREDA (LED)

DECORATIVE RECESSED  
WALL LUMINAIRES











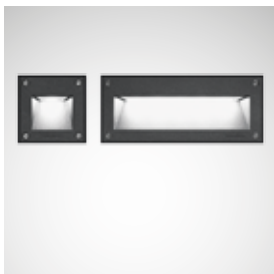
## THE PERFECT LEVEL OF RESTRAINT

- Two construction sizes, each with various recessing versions mean flexible adaptation to highly diverse lighting tasks.
- The matching system of mounting enclosure and recessed luminaire provides flexibility in all construction phases.
- Ideal suitability for rough surroundings due to high manufacturing quality, high protection rating, use of durable materials and almost no maintenance.



-  
-  
-  > 80,000 h
-  switchable

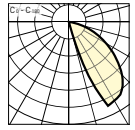
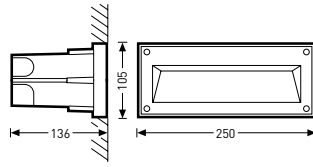
Discreet design



Flexible installation options



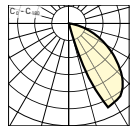
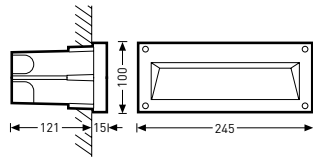
## Decorative recessed wall luminaires for flush wall recessing, rectangular construction (R)




⊕ CE IP65

Reference	TOC	...ET		W	≈kg
Pareda R Plan LED-ww...26	60 587...	...40	110 lm	6	1.9

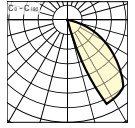
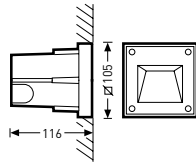
## Decorative recessed wall luminaires with raised frame, rectangular construction (R)




⊕ CE IP65

Reference	TOC	...ET		W	≈kg
Pareda R Top LED-ww...26	60 586...	...40	110 lm	6	1.9

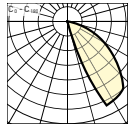
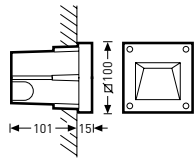
## Decorative recessed wall luminaires for flush wall installation, square construction (S)




⊕ CE IP65

Reference	TOC	...ET		W	=kg
Pareda S Plan LED-ww...26	60 585...	...40	30 lm	3	1.0

## Decorative recessed wall luminaires with raised frame, square construction (S)



⊕ CE IP65

Reference	TOC	...ET		W	=kg
Pareda S Top LED-ww...26	60 584...	...40	30 lm	3	1.0

### Connection accessory

Reference	TOC	Accessory description
ZCG-20	61 230 00	Cable entry M20, IP65

## LUTERA 90 LED

DECORATIVE  
GROUND-RECESSED  
SPOTLIGHTS



## THE COMPLETE RANGE FOR PERFECT PRESENTATION

- The low recess depth enables use in new applications both indoors and outdoors.
- The intelligent sealing concept guarantees long-term, fault-free operation even after long operating durations in extreme conditions.



> 80,000 h

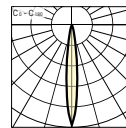
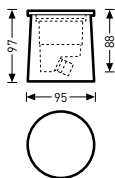
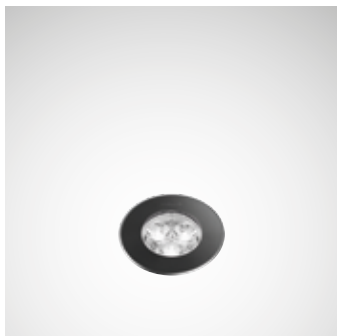



switchable,  
dimnable via forward phase control

Permanent protection  
from humidity

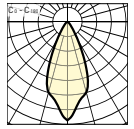
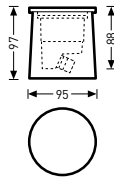


## LED ground-recessed spotlight, rotationally symmetrical narrow-angle light distribution (RE)



Reference	TOC	...ETD		W	≈kg
LED, light colour white					
<b>8501 RE1L/500-830 1G1...05</b>	63 767...	...57	500 lm	4,5	1,2
<b>8501 RE1L/500-840 1G1...05</b>	63 768...	...57	500 lm	4,5	1,2
LED, light colour RGB					
<b>8501 RE1L/120-blue 1G1...05</b>	64 884...	...57	120 lm	8	1,2
<b>8501 RE1L/250-amber 1G1...05</b>	64 886...	...57	250 lm	6	1,2
<b>8501 RE1L/250-red 1G1...05</b>	64 885...	...57	250 lm	6	1,2
<b>8501 RE1L/400-green 1G1...05</b>	64 887...	...57	400 lm	8	1,2

## LED ground-recessed spotlight, rotationally symmetrical wide distribution (RB)



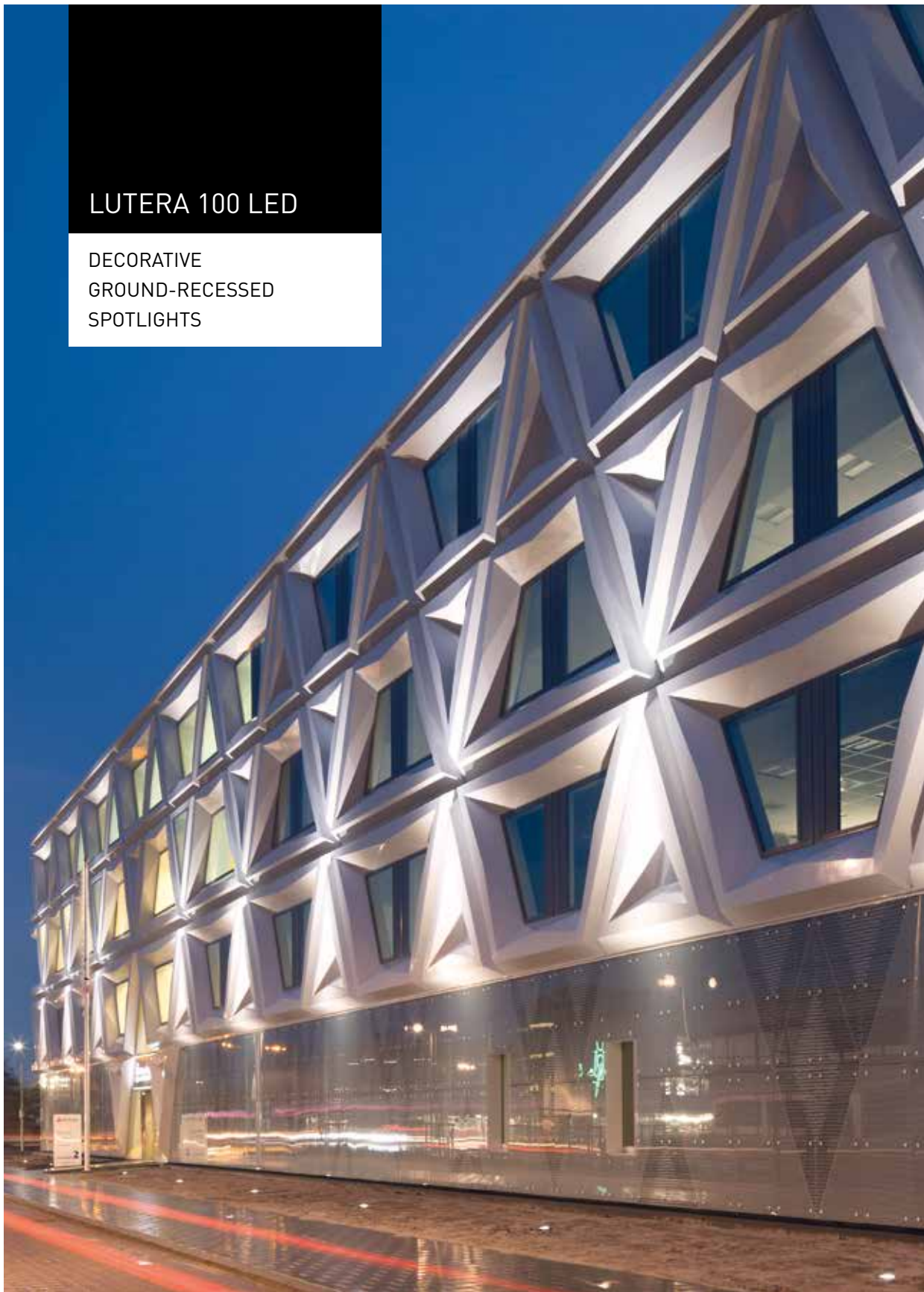
Reference	TOC	...ETD		W	=kg
LED, light colour white					
8501 RB2L/500-830 1G1...05	63 769...	...57	500 lm	4.5	1.2
8501 RB2L/500-840 1G1...05	63 770...	...57	500 lm	4.5	1.2
LED, light colour RGB					
8501 RB2L/250-amber 1G1...05	64 890...	...57	250 lm	6	1.2
8501 RB2L/250-red 1G1...05	64 889...	...57	250 lm	8	1.2
8501 RB2L/400-green 1G1...05	64 891...	...57	400 lm	8	1.2
8501 RB2L/120-blue 1G1...05	64 888...	...57	120 lm	8	1.2

### Ground-recessing housings

Reference	TOC	Accessory description	=kg
08501 ETE	63 782 00	Ground-recessing housing of weather-resistant PVC tube.	0.5
08501 ET	63 236 00	Ground-recessing housing of weather-resistant PVC tube.	0.5

## LUTERA 100 LED

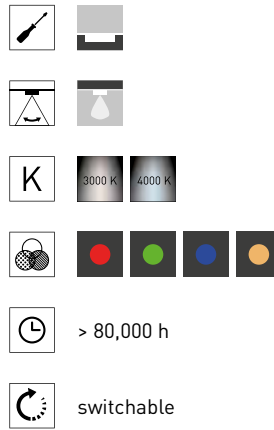
DECORATIVE  
GROUND-RECESSED  
SPOTLIGHTS





## INDIVIDUAL LIGHTING ACCENTS FROM THE GROUND

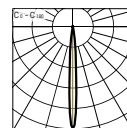
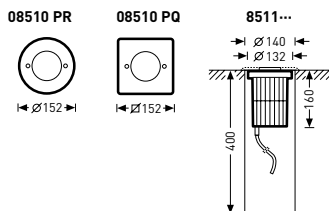
- Pivotal optics with various beam angles allow wide design flexibility.
- The sophisticated water-resistant construction ensures permanently reliable operation.




Permanent protection  
from humidity



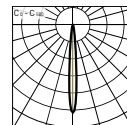
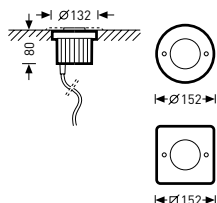
## LED ground-recessed spotlight, rotationally symmetric narrow distribution, pivotable (RES)




Reference <sup>1)</sup>	TOC	...ET		W	≈kg
LED, light colour white					
<b>8511 RES1L/350-840 1G1...05</b>	43 305...	...40	350 lm	5	2.5
LED, light colour RGB					
<b>8511 RES/LED-B...</b>	43 309...	...40	45 lm	6	2.5
<b>8511 RES/LED-G...</b>	43 307...	...40	150 lm	6	2.5
<b>8511 RES/LED-R...</b>	43 306...	...40	100 lm	5	2.5

<sup>1)</sup>Please order ground-recessing housing separately as accessory.

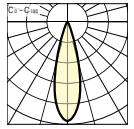
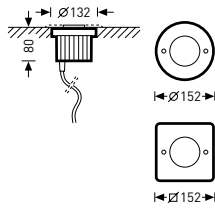
## LED ground-recessed spotlight, rotationally symmetric narrow distribution, pivotable (RES)




Reference <sup>1)</sup>	TOC	...ET		W	≈kg
LED, light colour white					
<b>8511 RES2L/1000-830 1G1...</b>	63 783...	...40	1000 lm	13	1.3
<b>8511 RES2L/1000-840 1G1...</b>	62 851...	...40	1000 lm	13	2.5
LED, light colour RGB					
<b>8511 RES2L/250-blue 1G1...</b>	64 892...	...40	250 lm	14	1.3
<b>8511 RES2L/500-amber 1G1...</b>	64 894...	...40	500 lm	11	1.3
<b>8511 RES2L/500-red 1G1...</b>	64 893...	...40	500 lm	11	1.3
<b>8511 RES2L/800-green 1G1...</b>	64 895...	...40	800 lm	14	1.3

<sup>1)</sup>Please order ground-recessing housing separately as accessory.

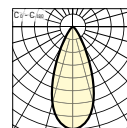
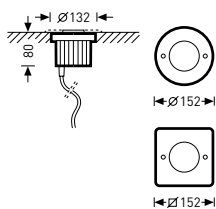
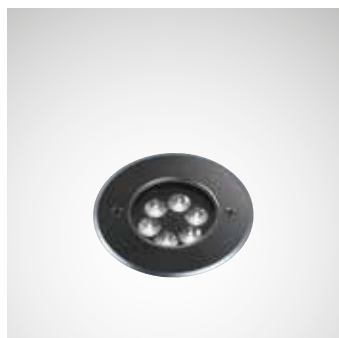
## LED ground-recessed spotlight, rotationally symmetric medium wide distribution, pivotable (RMS)




Reference <sup>1)</sup>	TOC	...ET		W	=kg
LED, light colour white					
<b>8511 RMS1L/1000-830 1G1...</b>	63 785...	...40	1000 lm	13	1.3
<b>8511 RMS1L/1000-840 1G1...</b>	63 784...	...40	1000 lm	13	1.3
LED, light colour RGB					
<b>8511 RMS1L/250-blue 1G1...</b>	64 896...	...40	250 lm	11	1.3
<b>8511 RMS1L/500-amber 1G1...</b>	64 898...	...40	500 lm	14	1.3
<b>8511 RMS1L/500-red 1G1...</b>	64 897...	...40	500 lm	14	1.3
<b>8511 RMS1L/800-green 1G1...</b>	64 899...	...40	800 lm	11	1.3

<sup>1)</sup>Please order ground-recessing housing separately as accessory.

## LED ground-recessed spotlight, rotationally symmetric wide distribution, pivotable (RBS)



Reference <sup>1)</sup>	TOC	...ET		W	≈kg
LED, light colour white					
8511 RBS3L/850-830 1G1...	63 787...	...40	850 lm	13	1.3
8511 RBS3L/850-840 1G1...	63 786...	...40	850 lm	13	1.3
LED, light colour RGB					
8511 RBS3L/250-blue 1G1...	64 900...	...40	250 lm	14	1.3
8511 RBS3L/500-amber 1G1...	64 902...	...40	500 lm	11	1.3
8511 RBS3L/500-red 1G1...	64 901...	...40	500 lm	11	1.3
8511 RBS3L/800-green 1G1...	64 903...	...40	800 lm	14	1.3

<sup>1)</sup>Please order ground-recessing housing separately as accessory.

### Cover plates

Reference	TOC	Accessory description	≈kg
08510 PQ	43 317 00	Stainless steel cover plate, square, for Lutera 100	0.5
08510 PR	43 316 00	Stainless steel cover plate, round, for Lutera 100	0.4

### Cover glasses

Reference	TOC	Accessory description	≈kg
08510 G	43 321 00	Cover glass, for Lutera 100	0.1
08510 GR	43 322 00	Cover glass, anti-slip, for Lutera 100	0.1

### Replacement gaskets

Reference	TOC	Accessory description	≈kg
08510 D	43 314 00	Replacement gasket for Lutera 100	0.1

**Ground-recessing housing**

<b>Reference</b>	<b>TOC</b>	<b>Accessory description</b>	<b>≈kg</b>
<b>08511 ET</b>	63 788 00	Ground-recessing housing of weather-resistant PVC tube	0.4
<b>08511 ETE</b>	63 789 00	Ground-recessing housing of weather-resistant PVC tube. Expanded construction for simple cable routing	0.5

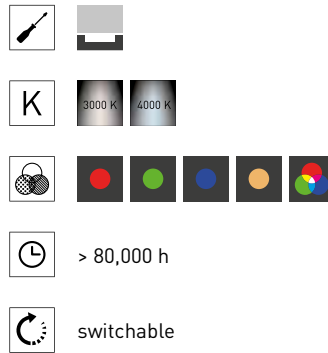
## LUTERA 200 (LED)

DECORATIVE  
GROUND-RECESSED  
SPOTLIGHTS



## INDIVIDUAL LIGHTING ACCENTS FROM THE GROUND

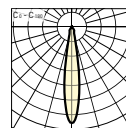
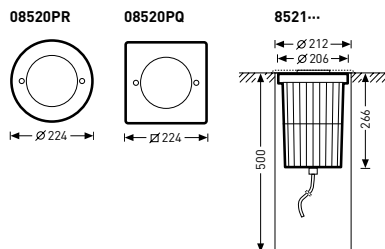
- Pivotal optics with various beam angles allow wide design flexibility.
- The sophisticated water-resistant construction ensures permanently reliable operation.



Permanent protection  
from humidity

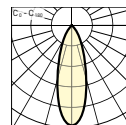
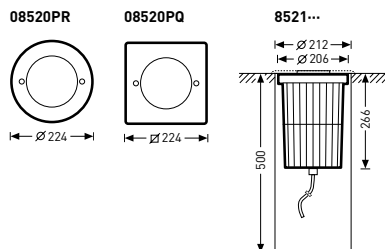


## LED ground-recessed spotlight, rotationally symmetric narrow distribution (RE)



Reference	TOC	...ET		W	≈kg
LED, light colour white					
8521 RE2R/1800-830 1G1...	63 795...	...40	1800 lm	20	3.8
8521 RE2R/2000-840 1G1...	62 852...	...40	2000 lm	20	3.8
8521 RE2R/2400-830 1G1...	63 799...	...40	2400 lm	26	3.8
8521 RE2R/2900-840 1G1...	63 798...	...40	2900 lm	26	3.8

## Ground-recessed spotlights, rotationally symmetric wide distribution, pivotable (RBS)

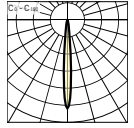
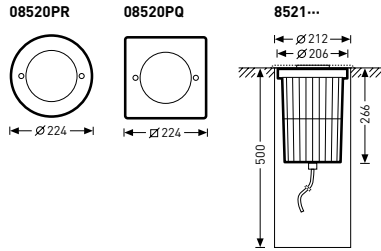


Reference <sup>1)</sup>	TOC	...K		≈kg
8521 RBS/70HST-DE...	43 333...	...02	1 x HST-DE 70	5.4

<sup>1)</sup> Must be completed with further components (mounting housing, cover plate or protective grid)



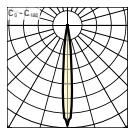
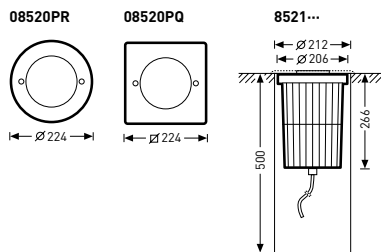
## LED ground-recessed spotlights, rotationally symmetric wide distribution, pivotable (RBS)



Reference <sup>1)</sup>	TOC	...ET		W	=kg
LED, light colour white					
8521 RES2L/1500-830 1G1...05	63 790...	...40	1500 lm	16	3.8
8521 RES2L/1650-840 1G1...05	43 310...	...40	1650 lm	16	3.8
LED, light colour RGB					
8521 RES2L/1200-green 1G1...05	64 907...	...40	1200 lm	19	3.8
8521 RES2L/350-blue 1G1...05	64 904...	...40	350 lm	18	3.8
8521 RES2L/750-amber 1G1...05	64 906...	...40	750 lm	13	3.8
8521 RES2L/750-red 1G1...05	64 905...	...40	750 lm	13	3.8
8521 RES2L/800-RGB 1G1...05	64 983...	...40	800 lm	14	3.8

<sup>1)</sup> Must be completed with further components (mounting housing, cover plate or protective grid)

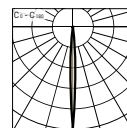
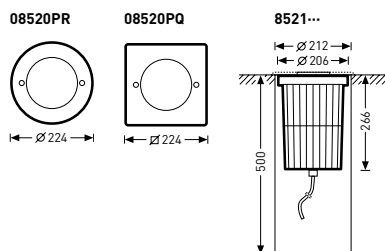
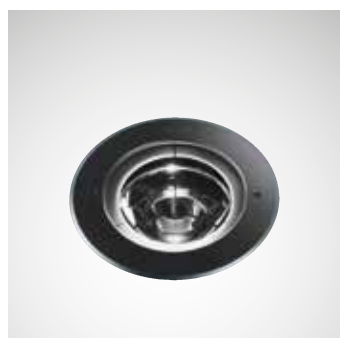
## LED ground-recessed spotlights, rotationally symmetric wide distribution, pivotable (RBS)



Reference <sup>1)</sup>	TOC	...ET		W	=kg
LED, light colour RGB					
8521 RES/LED-B...	43 308...	...40	180 lm	18	3.8
8521 RES/LED-G...	43 312...	...40	580 lm	18	3.8
8521 RES/LED-R...	43 311...	...40	390 lm	17	3.8

<sup>1)</sup> Must be completed with further components (mounting housing, cover plate or protective grid)

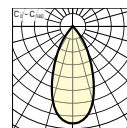
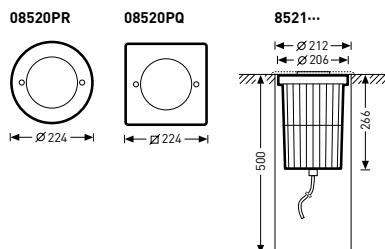
## Ground-recessed spotlights, rotationally symmetric wide distribution, pivotable (RBS)



Reference <sup>1)</sup>	TOC	...K		≈kg
8521 RES/70HIT...	43 331...	...02	1 x HIT-CRI 70	5.3

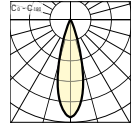
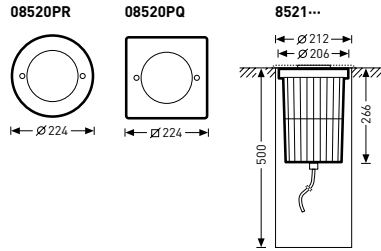
<sup>1)</sup> Must be completed with further components (mounting housing, cover plate or protective grid)

## LED ground-recessed spotlights, rotationally symmetric medium wide distribution (RM)



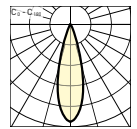
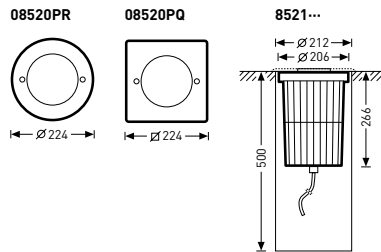
Reference	TOC	...ET		W	≈kg
LED, light colour white					
8521 RM2R/1800-830 1G1...	63 797...	...40	1800 lm	20	3.8
8521 RM2R/2000-840 1G1...	63 796...	...40	2000 lm	20	3.8
8521 RM2R/2400-830 1G1...	63 801...	...40	2400 lm	26	3.8
8521 RM2R/2900-840 1G1...	63 800...	...40	2900 lm	26	3.8

## LED ground-recessed spotlights, rotationally symmetric medium wide distribution, pivotable (RMS)



Reference	TOC	...ET		W	=kg
LED, light colour white					
8521 RMS1L/1350-830 1G1...05	63 792...	...40	1350 lm	16	3.8
8521 RMS1L/1500-840 1G1...05	63 791...	...40	1500 lm	16	3.8
LED, light colour RGB					
8521 RMS1L/1200-green 1G1...05	64 911...	...40	1200 lm	19	3.8
8521 RMS1L/330-blue 1G1...05	64 908...	...40	350 lm	18	3.8
8521 RMS1L/700-RGB 1G1...05	64 984...	...40	750 lm	13	3.8
8521 RMS1L/700-amber 1G1...05	64 910...	...40	750 lm	13	3.8
8521 RMS1L/700-red 1G1...05	64 909...	...40	800 lm	14	3.8

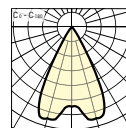
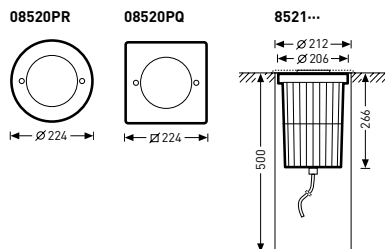
## Ground-recessed spotlights, rotationally symmetric medium wide distribution, pivotable (RMS)



Reference <sup>1)</sup>	TOC	...K		=kg
8521 RMS/70HIT...	43 332...	...02	1 x HIT-CRI 70	5.3

<sup>1)</sup> Must be completed with further components (mounting housing, cover plate or protective grid)

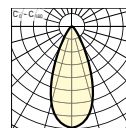
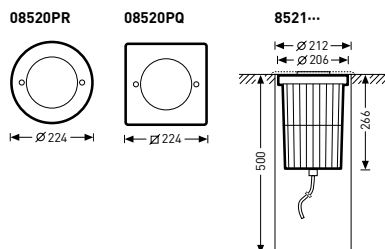
## Ground-recessed spotlights, asymmetric medium wide distribution (AM)



Reference <sup>1)</sup>	TOC	...K		≈kg
8521 AM/70HIT...	43 335...	...02	1 x HIT-CRI 70	5.0

<sup>1)</sup> Must be completed with further components (mounting housing, cover plate or protective grid)

## LED ground-recessed spotlight, rotationally symmetric wide distribution, pivotable (RBS)



Reference	TOC	...ET		W	≈kg
LED, light colour white					
8521 RBS3L/1200-830 1G1...05	63 794...	...40	1200 lm	16	3.8
8521 RBS3L/1350-840 1G1...05	63 793...	...40	1350 lm	16	3.8
LED, light colour RGB					
8521 RBS3L/1000-green 1G1...05	64 915...	...40	1200 lm	19	3.8
8521 RBS3L/300-blue 1G1...05	64 912...	...40	350 lm	18	3.8
8521 RBS3L/600-RGB 1G1...05	64 985...	...40	750 lm	13	3.8
8521 RBS3L/600-amber 1G1...05	64 914...	...40	750 lm	13	3.8
8521 RBS3L/600-red 1G1...05	64 913...	...40	800 lm	14	3.8

**Ground-recessing housing**

Reference	TOC	Accessory description	=kg
08520 ET	43 338 00	Ground-recessing housing, for Lutera 200	0.8

**Cover plates**

Reference	TOC	Accessory description	=kg
08520 PQ	43 340 00	Stainless steel cover plate, square, for Lutera 200	0.9
08520 PR	43 339 00	Stainless steel cover plate, round, for Lutera 200	0.6

**Cover glasses**

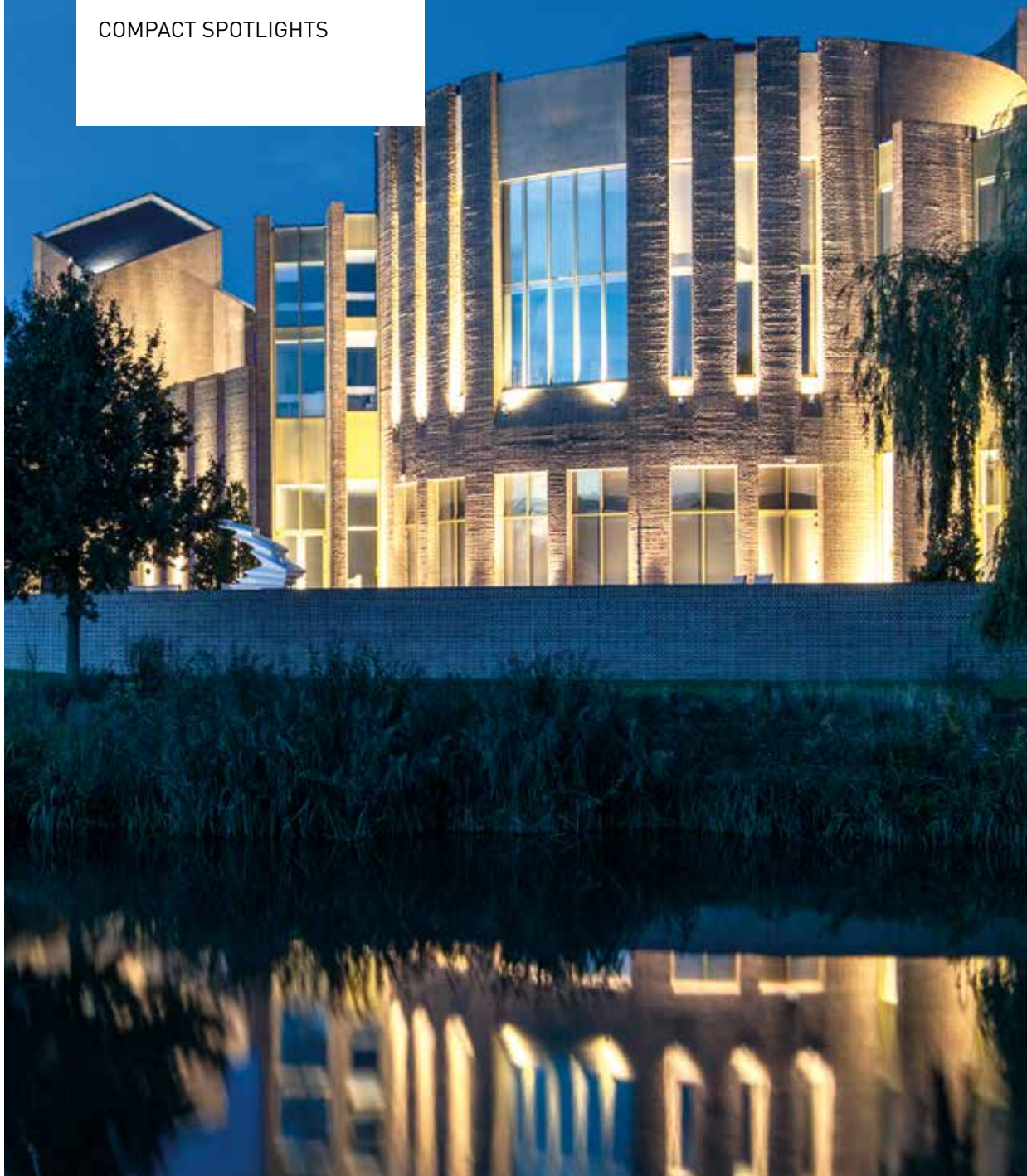
Reference	TOC	Accessory description	=kg
08520 G	43 345 00	Cover glass, for Lutera 200	0.3
08520 GR	43 346 00	Cover glass, anti-slip, for Lutera 200	0.3

**Replacement gaskets**

Reference	TOC	Accessory description	=kg
08520 D	43 337 00	Replacement gasket, for Lutera 200	0.1

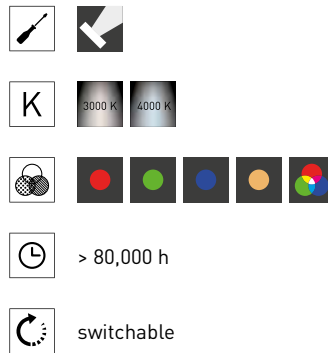
FACIELLA (LED)

COMPACT SPOTLIGHTS



ONE PROJECTOR. THREE SIZES. ALL POSSIBILITIES.

- Available in three construction sizes, the high performance, energy-efficient Faciella LED spot displays objects, surfaces and buildings of various types and sizes in a uniform design.
- Different luminous flux packages and beam angles provide suitability for various lighting tasks, thereby providing custom-designed light.
- Supply includes luminaire cable ready for connection; the luminaire must not be opened during mounting. This simplifies and speeds up the installation process.

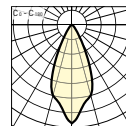
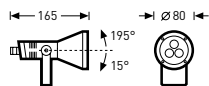


Adjustable inclination angle


Low installation effort



## Compact spotlights, Ø 80 mm, rotationally symmetric wide distribution (RB)

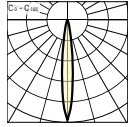
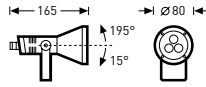


⊕ CE IP65


Reference	TOC	...ET		W	≈kg
Light colour white					
<b>Faciella 08 RB1L/500-830 1G1...</b>	63 297...	...40	500 lm	7	0.8
<b>Faciella 08 RB1L/500-840 1G1...</b>	63 298...	...40	500 lm	7	0.8
Light colour RGB					
<b>Faciella 08 RB1L/120-blue 1G1...</b>	64 942...	...40	120 lm	8	0.8
<b>Faciella 08 RB1L/250- red 1G1...</b>	64 943...	...40	250 lm	6	0.8
<b>Faciella 08 RB1L/250-amber 1G1...</b>	64 944...	...40	250 lm	7	0.8
<b>Faciella 08 RB1L/400-green 1G1...</b>	64 945...	...40	400 lm	8	0.8
<b>Faciella 08 RB1L/250-RGB 1G1...</b>	64 946...	...40	250 lm	5	0.8



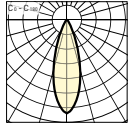
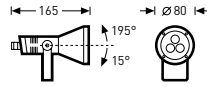
## Compact spotlights, Ø 80 mm, rotationally symmetrical narrow-angle light distribution (RE)




CE IP65

Reference	TOC	...ET		W	=kg
Light colour white					
<b>Faciella 08 RE1L/500-830 1G1...</b>	63 293...	...40	500 lm	7	0.8
<b>Faciella 08 RE1L/500-840 1G1...</b>	63 294...	...40	500 lm	7	0.8
Light colour RGB					
<b>Faciella 08 RE1L/120-blue 1G1...</b>	64 932...	...40	120 lm	8	0.8
<b>Faciella 08 RE1L/250- red 1G1...</b>	64 933...	...40	250 lm	6	0.8
<b>Faciella 08 RE1L/250-amber 1G1...</b>	64 934...	...40	250 lm	7	0.8
<b>Faciella 08 RE1L/400-green 1G1...</b>	64 935...	...40	400 lm	8	0.8
<b>Faciella 08 RE1L/250-RGB 1G1...</b>	64 936...	...40	250 lm	5	0.8

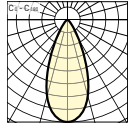
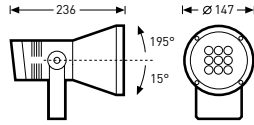
## Compact spotlights, Ø 80 mm, rotationally symmetrical medium wide distribution (RM)




⊕ CE IP65

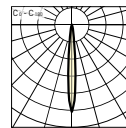
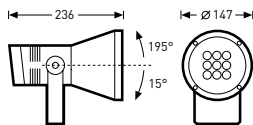
Reference	TOC	...ET		W	≈kg
Light colour white					
<b>Faciella 08 RM1L/500-830 1G1...</b>	63 295...	...40	500 lm	7	0.8
<b>Faciella 08 RM1L/500-840 1G1...</b>	63 296...	...40	500 lm	7	0.8
Light colour RGB					
<b>Faciella 08 RM1L/120-blue 1G1...</b>	64 937...	...40	120 lm	8	0.8
<b>Faciella 08 RM1L/250- red 1G1...</b>	64 938...	...40	250 lm	6	0.8
<b>Faciella 08 RM1L/250-amber 1G1...</b>	64 939...	...40	250 lm	7	0.8
<b>Faciella 08 RM1L/400-green 1G1...</b>	64 940...	...40	400 lm	8	0.8
<b>Faciella 08 RM1L/250-RGB 1G1...</b>	64 941...	...40	250 lm	5	0.8

## Compact spotlights, Ø 150 mm, rotationally symmetric wide distribution (RB)




Reference	TOC	...ET		W	=kg
Light colour white					
<b>Faciella 15 RB2L/1650-830 1G1...</b>	63 814...	...40	1650 lm	21	5.2
<b>Faciella 15 RB2L/1650-840 1G1...</b>	63 815...	...40	1650 lm	21	5.2
<b>Faciella 15 RB2L/850-830 1G1...</b>	63 303...	...40	850 lm	11	5.2
<b>Faciella 15 RB2L/850-840 1G1...</b>	63 304...	...40	850 lm	11	5.2
Light colour RGB					
<b>Faciella 15 RB2L/1300-green 1G1...</b>	64 960...	...40	1300 lm	26	5.2
<b>Faciella 15 RB2L/350-blue 1G1...</b>	64 957...	...40	350 lm	25	5.2
<b>Faciella 15 RB2L/800-amber 1G1...</b>	64 959...	...40	800 lm	19	5.2
<b>Faciella 15 RB2L/800-red 1G1...</b>	64 958...	...40	800 lm	18	5.2
<b>Faciella 15 RB2L/800-RGB 1G1...</b>	64 961...	...40	800 lm	20	5.2

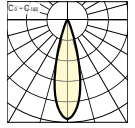
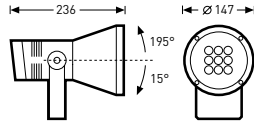
## Compact spotlights, Ø 150 mm, rotationally symmetrical narrow-angle light distribution (RE)




⊕ CE IP65

Reference	TOC	...ET	...E		W	≈kg
Light colour white						
Faciella 15 RE2L/1000-830 1G1...	63 299...	...40	-	1000 lm	11	5.2
Faciella 15 RE2L/1000-840 1G1...	63 300...	...40	-	1000 lm	11	5.2
Faciella 15 RE2L/2000-830 1G1...	63 810...	...40	-	2000 lm	21	5.2
Faciella 15 RE2L/2200-840 1G1...	63 811...	...40	-	2200 lm	21	5.2
Faciella 15 RE/20HIT-TC-CE...26	63 305...	-	...04	1 x HIT-TC-CE 20		4.2
Light colour RGB						
Faciella 15 RE2L/1000-amber 1G1...	64 949...	...40	-	1000 lm	19	5.2
Faciella 15 RE2L/1000-red 1G1...	64 948...	...40	-	1000 lm	18	5.2
Faciella 15 RE2L/1600-green 1G1...	64 950...	...40	-	1600 lm	26	5.2
Faciella 15 RE2L/500-blue 1G1...	64 947...	...40	-	500 lm	25	5.2
Faciella 15 RE2L/1000-RGB 1G1...	64 951...	...40	-	1000 lm	20	5.2

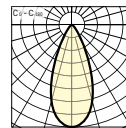
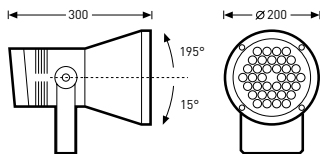
## Compact spotlights, Ø 150 mm, rotationally symmetrical medium wide distribution (RM)




⊕ CE IP65

Reference	TOC	...ET		W	=kg
Light colour white					
Faciella 15 RM1L/1000-830 1G1...	63 301...	...40	1000 lm	11	5.2
Faciella 15 RM1L/1000-840 1G1...	63 302...	...40	1000 lm	11	5.2
Faciella 15 RM1L/2000-830 1G1...	63 812...	...40	2000 lm	21	5.2
Faciella 15 RM1L/2000-840 1G1...	63 813...	...40	2000 lm	21	5.2
Light colour RGB					
Faciella 15 RM1L/1400-green 1G1...	64 955...	...40	1400 lm	26	5.2
Faciella 15 RM1L/400-blue 1G1...	64 952...	...40	400 lm	25	5.2
Faciella 15 RM1L/900-amber 1G1...	64 954...	...40	900 lm	19	5.2
Faciella 15 RM1L/900-red 1G1...	64 953...	...40	900 lm	18	5.2
Faciella 15 RM1L/900-RGB 1G1...	64 956...	...40	900 lm	20	5.2

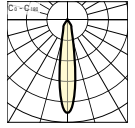
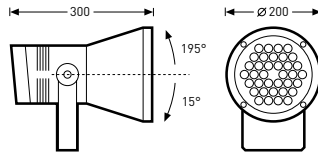
## Compact spotlights, Ø 200 mm, rotationally symmetric wide distribution (RB)




⊕ CE IP65

Reference	TOC	...ET	Requires further components		W	≈kg
Light colour white						
<b>Faciella 20 RB1R/3800-830 1G1...</b>	63 308...	...40	-	3800 lm	41	4.8
<b>Faciella 20 RB1R/4200-840 1G1...</b>	63 309...	...40	-	4200 lm	41	4.8
<b>Faciella 20 RB2L/3200-830 1G1...</b>	63 314...	...40	-	3200 lm	43	4.8
<b>Faciella 20 RB2L/3500-840 1G1...</b>	63 315...	...40	-	3500 lm	43	4.8
Light colour RGB						
<b>Faciella 20 RB2L/1500-red 1G1...</b>	64 973...	...40	-	1500 lm	38	6.1
<b>Faciella 20 RB2L/1600-amber 1G1...</b>	64 974...	...40	-	1600 lm	39	6.1
<b>Faciella 20 RB2L/2500-green 1G1...</b>	64 975...	...40	-	2500 lm	55	6.1
<b>Faciella 20 RB2L/800-blue 1G1...</b>	64 972...	...40	-	800 lm	52	6.1
<b>Faciella 20 RB/RGB 26</b>	63 321...	-	...50	RGB		4.8
<b>Faciella 20 RB2L/1600-RGB 1G1...</b>	64 976...	...40	-	1600 lm	40	6.1

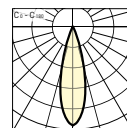
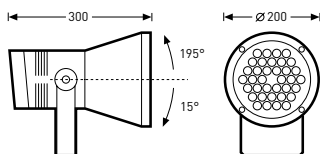
## Compact spotlights, Ø 200 mm, rotationally symmetrical narrow-angle light distribution (RE)




CE IP65

Reference	TOC	...ET	Requires further components		W	=kg
Light colour white						
Faciella 20 RE1R/3800-830 1G1...	63 306...	...40	-	3800 lm	41	4.8
Faciella 20 RE1R/4200-840 1G1...	63 307...	...40	-	4200 lm	41	4.8
Faciella 20 RE2L/4200-830 1G1...	63 310...	...40	-	4200 lm	43	4.8
Faciella 20 RE2L/4200-840 1G1...	63 311...	...40	-	4200 lm	43	4.8
Light colour RGB						
Faciella 20 RE2L/2000-amber 1G1...	64 964...	...40	-	2000 lm	39	6.1
Faciella 20 RE2L/2000-red 1G1...	64 963...	...40	-	2000 lm	38	6.1
Faciella 20 RE2L/3100-green 1G1...	64 965...	...40	-	3100 lm	55	6.1
Faciella 20 RE2L/900-blue 1G1...	64 962...	...40	-	900 lm	52	6.1
Faciella 20 RE/RGB 26	63 320...	-	...50	RGB		4.8
Faciella 20 RE2L/2000-RGB 1G1...	64 966...	...40	-	2000 lm	40	6.1

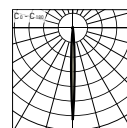
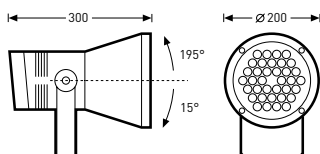
## Compact spotlights, Ø 200 mm, rotationally symmetrical medium wide distribution (RM)




CE IP65

Reference	TOC	...ET	...E		W	≈kg
Light colour white						
Faciella 20 RM1L/3800-830 1G1...	63 312...	...40	-	3800 lm	43	4.8
Faciella 20 RM1L/3800-840 1G1...	63 313...	...40	-	3800 lm	43	6.1
Faciella 20 RM/35HIT-TC-CE...26	63 318...	-	...04	1 x HIT-TC-CE 35	35	4.8
Faciella 20 RM/70HIT-TC-CE...26	63 319...	-	...04	1 x HIT-TC-CE 70	70	4.8
Light colour RGB						
Faciella 20 RM1L/1700-amber 1G1...	64 969...	...40	-	1700 lm	39	6.1
Faciella 20 RM1L/1700-red 1G1...	64 968...	...40	-	1700 lm	38	6.1
Faciella 20 RM1L/2800-green 1G1...	64 970...	...40	-	2800 lm	55	6.1
Faciella 20 RM1L/850-blue 1G1...	64 967...	...40	-	850 lm	52	6.1
Faciella 20 RM1L/1800-RGB 1G1...	64 971...	...40	-	1800 lm	40	6.1

## Compact spotlights, Ø 200 mm, rotationally symmetrical narrow-angle light distribution (RT)



CE IP65

Reference	TOC	...E		W	≈kg
Light colour white					
Faciella 20 RT/35HIT-TC-CE...26	63 316...	...04	1 x HIT-TC-CE 35	35	4.8
Faciella 20 RT/70HIT-TC-CE...26	63 317...	...04	1 x HIT-TC-CE 70	70	4.8



## Post mounting accessories



Reference	TOC	Accessory description	≈kg
<b>Faciella MB 102</b>	63 325 00	Post mounting accessory, for post spigot Ø 102 mm	2.0
<b>Faciella MB 60</b>	63 324 00	Post mounting accessory, for post spigot Ø 60 mm	2.0

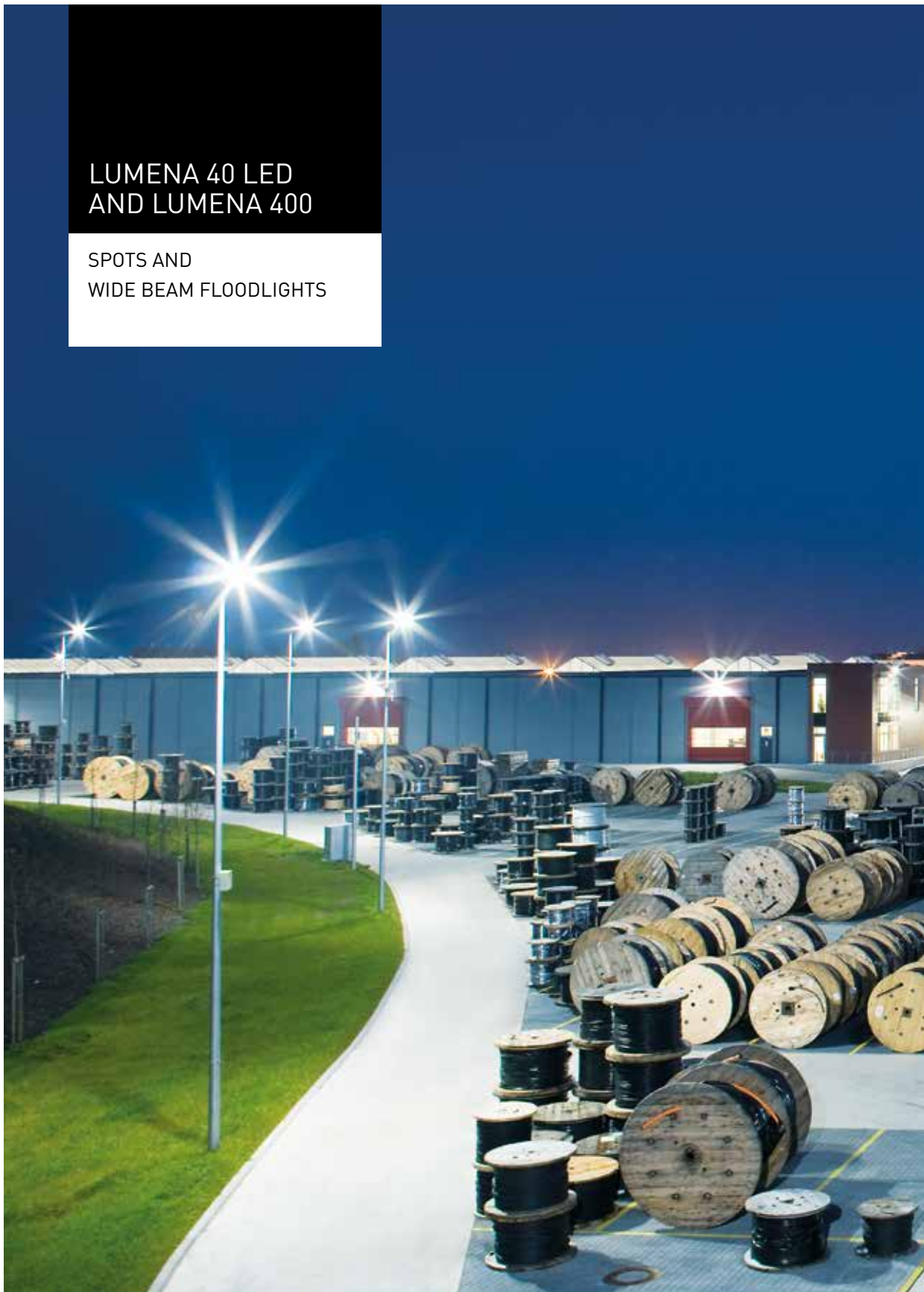
## Ground stakes



Reference	TOC	Accessory description	≈kg
<b>Faciella 08 ES</b>	63 322 00	Faciella 08 ground stake of steel, galvanised.	0.2
<b>Faciella 15/20 ES</b>	63 323 00	Ground stake of steel, galvanised	0.2

# LUMENA 40 LED AND LUMENA 400

SPOTS AND  
WIDE BEAM FLOODLIGHTS













Lumena 400

## A RE-DESIGNED ALL-ROUNDER

- Lumena uniformly illuminates roads and squares and ensures high levels of safety.
- Seven different beam characteristics as well as separate post connections for single or multiple configurations provide maximum planning flexibility.
- The use of high-grade materials enables a long service life in tough surroundings.



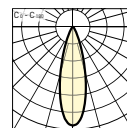
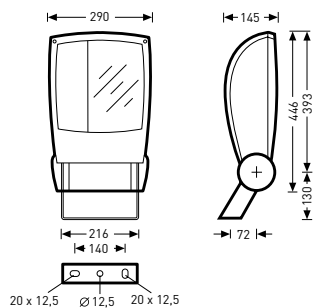
-   
-  3-6 m
-  
-  > 80,000 h
-  switchable


IP66 floodlight housing  
with swing-down front cover

Low installation effort

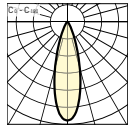
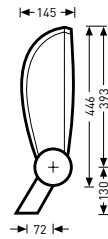
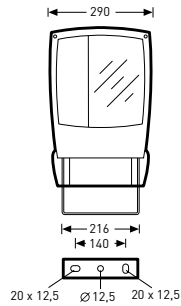


## LED floodlight for illumination with 4 modules



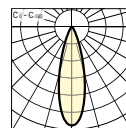
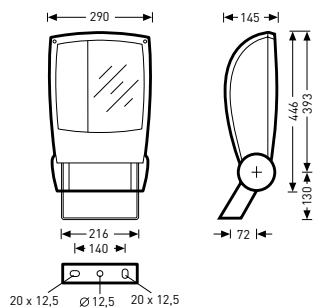
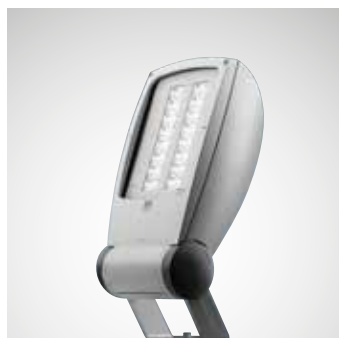
Reference	TOC	...ET		W	≈kg
LED, rotationally symmetrical narrow-angle light distribution					
Lumena 40-RE2L/2200-740 4G1S...	64 494...	...40	2200 lm	19	7.0
Lumena 40-RE2L/2600-740 4G1S...	64 495...	...40	2600 lm	23	7.0
Lumena 40-RE2L/3200-740 4G1S...	64 496...	...40	3200 lm	29	7.0
LED, rotationally symmetrical wide distribution					
Lumena 40-RB3L/2200-740 4G1S...	64 504...	...40	2200 lm	19	7.0
Lumena 40-RB3L/2600-740 4G1S...	64 505...	...40	2600 lm	23	7.0
Lumena 40-RB3L/3200-740 4G1S...	64 506...	...40	3200 lm	29	7.0
LED, asymmetrical, centric wide light distribution					
Lumena 40-AM2L/2200-740 4G1S...	64 484...	...40	2200 lm	19	7.0
Lumena 40-AM2L/2600-740 4G1S...	64 485...	...40	2600 lm	23	7.0
Lumena 40-AM2L/3200-740 4G1S...	64 486...	...40	3200 lm	29	7.0


## LED floodlight for illumination with 6 modules



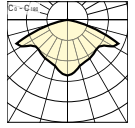
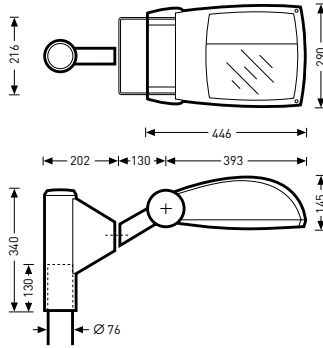
Reference	TOC	...ET		W	=kg
LED, rotationally symmetrical narrow-angle light distribution					
Lumena 40-RE2L/3800-740 6G1S...	64 497...	...40	3800 lm	33	7.0
Lumena 40-RE2L/4200-740 6G1S...	64 498...	...40	4200 lm	37	7.0
Lumena 40-RE2L/4600-740 6G1S...	64 499...	...40	4600 lm	41	7.0
Lumena 40-RE2L/5100-740 6G1S...	64 500...	...40	5100 lm	48	7.0
LED, rotationally symmetrical wide distribution					
Lumena 40-RB3L/3800-740 6G1S...	64 507...	...40	3800 lm	33	7.0
Lumena 40-RB3L/4200-740 6G1S...	64 508...	...40	4200 lm	37	7.0
Lumena 40-RB3L/4600-740 6G1S...	64 509...	...40	4600 lm	41	7.0
Lumena 40-RB3L/5100-740 6G1S...	64 510...	...40	5100 lm	48	7.0
LED, asymmetrical, centric wide light distribution					
Lumena 40-AM2L/3800-740 6G1S...	64 487...	...40	3800 lm	33	7.0
Lumena 40-AM2L/4200-740 6G1S...	64 488...	...40	4200 lm	37	7.0
Lumena 40-AM2L/4600-740 6G1S...	64 489...	...40	4600 lm	41	7.0
Lumena 40-AM2L/5100-740 6G1S...	64 490...	...40	5100 lm	48	7.0


## LED floodlight for illumination with 8 modules



Reference	TOC	...ET		W	≈kg
LED, rotationally symmetrical narrow-angle light distribution					
Lumena 40-RE2L/5600-740 8G1S...	64 501...	...40	5600 lm	48	7.0
Lumena 40-RE2L/6200-740 8G1S...	64 502...	...40	6200 lm	53	7.0
Lumena 40-RE2L/6800-740 8G1S...	64 503...	...40	6800 lm	61	7.0
LED, rotationally symmetrical wide distribution					
Lumena 40-RB3L/5600-740 8G1S...	64 511...	...40	5600 lm	48	7.0
Lumena 40-RB3L/6200-740 8G1S...	64 512...	...40	6200 lm	53	7.0
Lumena 40-RB3L/6800-740 8G1S...	64 513...	...40	6800 lm	61	7.0
LED, asymmetrical, centric wide light distribution					
Lumena 40-AM2L/5600-740 8G1S...	64 491...	...40	5600 lm	48	7.0
Lumena 40-AM2L/6200-740 8G1S...	64 492...	...40	6200 lm	53	7.0
Lumena 40-AM2L/6800-740 8G1S...	64 493...	...40	6800 lm	61	7.0

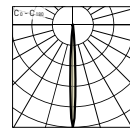
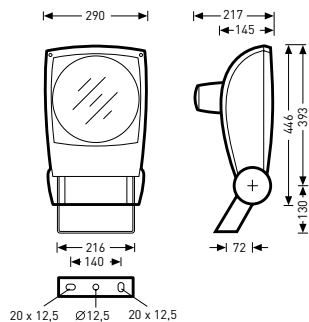
## Floodlights for roads, asymmetric wide distribution (AB)



Reference	TOC	...K	Mains		=kg
Asymmetrical wide distribution					
<b>8611 AB/50-70HST...<sup>1)</sup></b>	47 639...	...02	-	1 x HST 50/70	7.4
Asymmetrical, centric wide light distribution					
<b>8611 AM/100HST...</b>	13 011...	...02	-	1 x HST 100	8.2
<b>8611 AM/150HIT...</b>	13 012...	...02	-	1 x HIT 150	7.8
<b>8611 AM/150HIT-DE/HST-DE...</b>	13 013...	...02	-	1 x HIT-DE/HST-DE 150	7.9
<b>8611 AM/150HST...</b>	13 014...	...02	-	1 x HST 150	8.3
<b>8611 AM/35HIT...</b>	13 016...	...02	-	1 x HIT 35	6.9
<b>8611 AM/50-70HST...<sup>1)</sup></b>	13 018...	...02	-	1 x HST 50/70	7.4
<b>8611 AM/500QT-DE</b>	13 017...	-	...10	1 x QT-DE 500	5.8
<b>8611 AM/70HIT...</b>	13 019...	...02	-	1 x HIT 70	7.2
<b>8611 AM/70HIT-DE/HST-DE...</b>	13 020...	...02	-	1 x HIT-DE/HST-DE 70	7.7

<sup>1)</sup>Ballast can be reconnected, factory-preset to the lower level

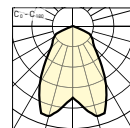
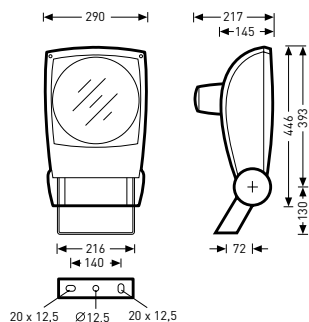
## Floodlights for illuminations, rotationally symmetric narrow distribution (RE)



Reference	TOC	...K		=kg
8611 RE/150HIT...	13 022...	...02	1 x HIT 150	8.2
8611 RE/35HIT...	13 023...	...02	1 x HIT 35	7.3
8611 RE/50-70HST... <sup>1)</sup>	13 024...	...02	1 x HST 50/70	7.7
8611 RE/70HIT...	13 025...	...02	1 x HIT 70	7.6

<sup>1)</sup> Ballast can be reconnected, factory-pret to the lower level

## Floodlights for illuminations, symmetric wide distribution (SB)

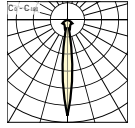
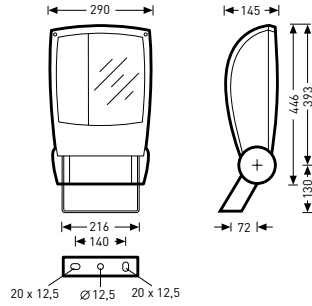


Reference	TOC	...K	Mains		=kg
8611 SB/100HST...	13 026...	...02	-	1 x HST 100	8.2
8611 SB/150HIT...	13 027...	...02	-	1 x HIT 150	7.8
8611 SB/150HIT-DE/HST-DE...	13 028...	...02	-	1 x HIT-DE/HST-DE 150	7.9
8611 SB/150HST...	13 029...	...02	-	1 x HST 150	8.3
8611 SB/35HIT...	13 031...	...02	-	1 x HIT 35	6.9
8611 SB/50-70HST... <sup>1)</sup>	13 033...	...02	-	1 x HST 50/70	7.4
8611 SB/500QT-DE	13 032...	-	...10	1 x QT-DE 500	5.8
8611 SB/70HIT...	13 034...	...02	-	1 x HIT 70	7.2
8611 SB/70HIT-DE/HST-DE...	13 035...	...02	-	1 x HIT-DE/HST-DE 70	7.3

<sup>1)</sup> Ballast can be reconnected, factory-pret to the lower level



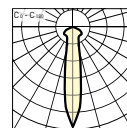
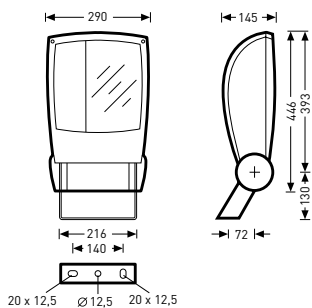
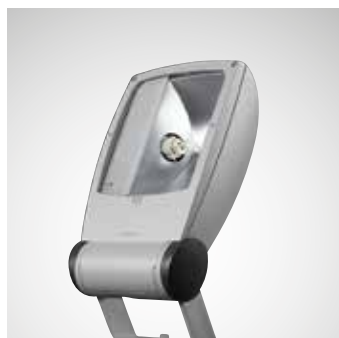
## Floodlights for illuminations, symmetric narrow distribution (SE)



Reference	TOC	...K	Mains		=kg
8611 SE/100HST...	13 037...	...02	-	1 x HST 100	8.2
8611 SE/150HIT...	13 038...	...02	-	1 x HIT 150	7.8
8611 SE/150HIT-DE/HST-DE...	13 039...	...02	-	1 x HIT-DE/HST-DE 150	7.9
8611 SE/150HST...	13 040...	...02	-	1 x HST 150	8.3
8611 SE/35HIT...	13 042...	...02	-	1 x HIT 35	6.9
8611 SE/50-70HST... <sup>1)</sup>	13 044...	...02	-	1 x HST 50/70	7.4
8611 SE/500QT-DE	13 043...	-	...10	1 x QT-DE 500	5.8
8611 SE/70HIT...	13 045...	...02	-	1 x HIT 70	7.2

<sup>1)</sup>Ballast can be reconnected, factory-preset to the lower level

## Floodlights for illuminations, symmetric medium wide distribution (SM)



Reference	TOC	...K	Mains		≈kg
8611 SM/100HST...	13 048...	...02	-	1 x HST 100	8.2
8611 SM/150HIT...	13 049...	...02	-	1 x HIT 150	7.8
8611 SM/150HIT-DE/HST-DE...	13 050...	...02	-	1 x HIT-DE/HST-DE 150	7.9
8611 SM/150HST...	13 051...	...02	-	1 x HST 150	8.3
8611 SM/35HIT...	13 053...	...02	-	1 x HIT 35	6.9
8611 SM/50-70HST... <sup>1)</sup>	13 055...	...02	-	1 x HST 50/70	7.4
8611 SM/500QT-DE	13 054...	-	...10	1 x QT-DE 500	5.8
8611 SM/70HIT...	13 056...	...02	-	1 x HIT 70	7.2
8611 SM/70HIT-DE/HST-DE...	13 057...	...02	-	1 x HIT-DE/HST-DE 70	7.3

<sup>1)</sup> Ballast can be reconnected, factory-preset to the lower level

### Post mounting brackets



Reference	TOC	Accessory description	≈kg
0860/1/76	22 203 00	Post mounting bracket, single	3.2
0860/2/76/180°	22 204 00	Post mounting bracket, twin, 180°	4.2
0860/2/76/90°	43 829 00	Post mounting bracket, twin, 90°	4.2
0860/3/76	22 205 00	Post mounting bracket, triple	5.2
0860/4/76	22 206 00	Post mounting bracket, quadruple	6.2

### Post straps

Reference	TOC	Accessory description	≈kg
0860 MS	51 343 00	Post strap	1.5

### Decorative wall brackets

Reference	TOC	Accessory description	≈kg
08600 DWB	49 670 00	Decorative wall bracket	12.1

### Decorative post mounting elements



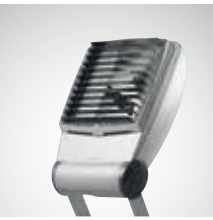
Reference	TOC	Accessory description	=kg
08600 DM/1/76	49 664 00	Decorative post mounting element, single	12.1
08600 DM/2/76/180°	49 665 00	Decorative post mounting element, twin, 180°	17.2
08600 DM/2/76/90°	49 674 00	Decorative post mounting element,twin, 90°	18.8

### Anti-glare devices



Reference	TOC	Accessory description	=kg
0861 BK	22 196 00	Anti-glare device, for mounting on the accessory frame	0.4

### Anti-glare lamellae



Reference	TOC	Accessory description	=kg
0861 BLS	22 197 00	Anti-glare lamellae, rigid, for mounting on the accessory frame	0.5

### Protective grid



Reference	TOC	Accessory description	=kg
0861 G	48 086 00	Protective grid, for mounting on the accessory frame	0.3

### Accessory frame



Reference	TOC	Accessory description	=kg
0861 ZR	22 202 00	Accessory frame	0.5

# LUMENA STAR 70 LED

WIDE BEAM FLOODLIGHTS



MINIMUM EFFORT. MAXIMUM EFFECT.

- Up to 40% savings in energy costs compared to conventional lighting installations.
- Further savings potential provided by optional features such as power reduction and light management systems.
- The innovative specular reflector ensures pleasant, glare-free light without disturbing light spill.



8-16 m

K 4000 K 5000 K

> 80,000 h

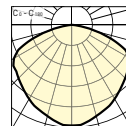
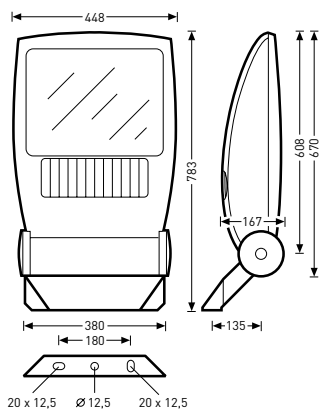
switchable


& Power reduction via control phase (LR) or self-regulating (LRA)

Thermal management: "Chimney effect" provides optimum heating up of the LEDs, with spatial separation of the connection compartment and optical system.

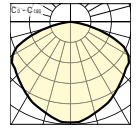
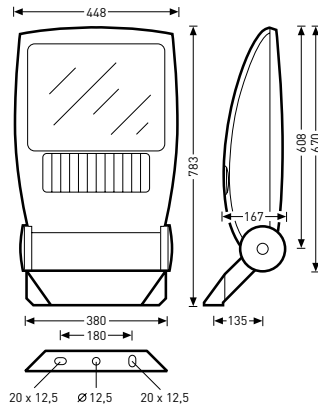



## LED wide beam floodlight, asymmetric distribution



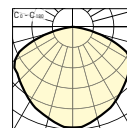
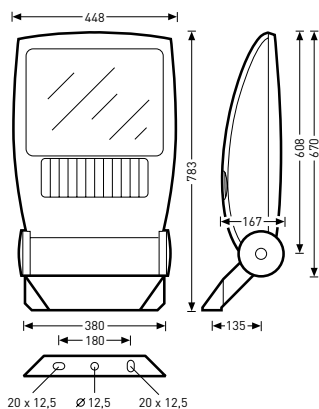
Reference	TOC	...ET		W	≈kg
LnStar 70-AM1R/8200-650 4G1C...	64 466...	...40	8200 lm	62	16.0
LnStar 70-AM1R/8200-740 4G1C...	64 455...	...40	8200 lm	62	16.0
LnStar 70-AM1R/10000-650 4G1C...	64 461...	...40	10000 lm	78	16.0
LnStar 70-AM1R/10000-740 4G1C...	64 456...	...40	10000 lm	78	16.0
LnStar 70-AM1R/12000-650 6G1C...	63 435...	...40	12000 lm	95	16.0
LnStar 70-AM1R/12000-740 4G1C...	63 427...	...40	12000 lm	95	16.0
LnStar 70-AM1R/13500-650 G1C...	63 436...	...40	13500 lm	108	16.0
LnStar 70-AM1R/13500-740 G1C...	63 428...	...40	13500 lm	108	16.0
LnStar 70-AM1R/15000-650 G1C...	63 437...	...40	15000 lm	120	16.0
LnStar 70-AM1R/15000-740 G1C...	63 429...	...40	15000 lm	120	16.0
LnStar 70-AM1R/16500-650 6G1C...	63 438...	...40	16500 lm	133	16.0
LnStar 70-AM1R/16500-740 6G1C...	63 430...	...40	16500 lm	133	16.0
LnStar 70-AM1R/18000-650 G1C...	63 439...	...40	18000 lm	146	16.0
LnStar 70-AM1R/18000-740 G1C...	63 431...	...40	18000 lm	146	16.0
LnStar 70-AM1R/20000-650 6G1C...	63 440...	...40	20000 lm	167	16.0
LnStar 70-AM1R/20000-740 6G1C...	63 432...	...40	20000 lm	167	16.0
LnStar 70-AM1R/22000-650 G1C...	63 441...	...40	22000 lm	189	16.0
LnStar 70-AM1R/24000-650 6G1C...	63 442...	...40	24000 lm	211	16.0


## LED wide beam floodlight, asymmetric distribution, with power reduction (LR)



Reference	TOC	...ET		W	=kg
LnStar 70-AM1R-LR/8200-650 4G1C...	64 462...	...40	8200 lm	62	16.0
LnStar 70-AM1R-LR/8200-740 4G1C...	64 457...	...40	8200 lm	62	16.0
LnStar 70-AM1R-LR/10000-650 4G1C...	64 463...	...40	10000 lm	78	16.0
LnStar 70-AM1R-LR/10000-740 4G1C...	64 458...	...40	10000 lm	78	16.0
LnStar 70-AM1R-LR/12000-650 6G1C...	63 453...	...40	12000 lm	95	16.0
LnStar 70-AM1R-LR/12000-740 6G1C...	63 445...	...40	12000 lm	95	16.0
LnStar 70-AM1R-LR/13500-650 G1C...	63 454...	...40	13500 lm	108	16.0
LnStar 70-AM1R-LR/13500-740 G1C...	63 446...	...40	13500 lm	108	16.0
LnStar 70-AM1R-LR/15000-650 G1C...	63 455...	...40	15000 lm	120	16.0
LnStar 70-AM1R-LR/15000-740 G1C...	63 447...	...40	15000 lm	120	16.0
LnStar 70-AM1R-LR/16500-650 6G1C...	63 456...	...40	16500 lm	133	16.0
LnStar 70-AM1R-LR/16500-740 6G1C...	63 448...	...40	16500 lm	133	16.0
LnStar 70-AM1R-LR/18000-650 G1C...	63 457...	...40	18000 lm	146	16.0
LnStar 70-AM1R-LR/18000-740 G1C...	63 449...	...40	18000 lm	146	16.0
LnStar 70-AM1R-LR/20000-650 6G1C...	63 458...	...40	20000 lm	167	16.0
LnStar 70-AM1R-LR/20000-740 6G1C...	63 450...	...40	20000 lm	167	16.0
LnStar 70-AM1R-LR/22000-650 G1C...	63 459...	...40	22000 lm	189	16.0
LnStar 70-AM1R-LR/24000-650 6G1C...	63 460...	...40	24000 lm	211	16.0

## LED wide beam floodlight, asymmetric distribution, with power reduction, self-regulating (LRA)



Reference	TOC	...ET		W	≈kg
LnStar 70-AM1R-LRA/8200-650 4G1C...	64 464...	...40	8200 lm	62	16.0
LnStar 70-AM1R-LRA/8200-740 4G1C...	64 459...	...40	8200 lm	62	16.0
LnStar 70-AM1R-LRA/10000-650 4G1C...	64 465...	...40	10000 lm	78	16.0
LnStar 70-AM1R-LRA/10000-740 4G1C...	64 460...	...40	10000 lm	78	16.0
LnStar 70-AM1R-LRA/12000-650 6G1C...	63 471...	...40	12000 lm	95	16.0
LnStar 70-AM1R-LRA/12000-740 6G1C...	63 463...	...40	12000 lm	95	16.0
LnStar 70-AM1R-LRA/13500-650 G1C...	63 472...	...40	13500 lm	108	16.0
LnStar 70-AM1R-LRA/13500-740 G1C...	63 464...	...40	13500 lm	108	16.0
LnStar 70-AM1R-LRA/15000-650 G1C...	63 473...	...40	15000 lm	120	16.0
LnStar 70-AM1R-LRA/15000-740 G1C...	63 465...	...40	15000 lm	120	16.0
LnStar 70-AM1R-LRA/16500-650 6G1C...	63 474...	...40	16500 lm	133	16.0
LnStar 70-AM1R-LRA/16500-740 6G1C...	63 466...	...40	16500 lm	133	16.0
LnStar 70-AM1R-LRA/18000-650 G1C...	63 475...	...40	18000 lm	146	16.0
LnStar 70-AM1R-LRA/18000-740 G1C...	63 467...	...40	18000 lm	146	16.0
LnStar 70-AM1R-LRA/20000-650 6G1C...	63 476...	...40	20000 lm	167	16.0
LnStar 70-AM1R-LRA/20000-740 6G1C...	63 468...	...40	20000 lm	167	16.0
LnStar 70-AM1R-LRA/22000-650 G1C...	63 477...	...40	22000 lm	189	16.0
LnStar 70-AM1R-LRA/24000-650 6G1C...	63 478...	...40	24000 lm	211	16.0



# REPLACEMENT PARTS

Reference	TOC	=kg
Replacement diffusers		
<b>Diffuser 9701/9702 replacement</b>	59 407 00	0.4
<b>Diffuser 9711/9712 replacement</b>	28 773 00	0.6
<b>Diffuser 9800 replacement</b>	28 788 00	1.1
<b>Diffuser 9830/9860 replacement</b>	28 789 00	1.2
<b>Diffuser 9850 replacement</b>	28 794 00	1.3
Replacement glass		
<b>Flat glass 9701 SG/9702 SG replacement</b>	59 408 00	1.0
<b>Flat glass 9711 SG/9712 SG replacement</b>	26 378 00	1.1

## Operating conditions

All TRILUX indoor luminaires are supplied ready for connection for 230 V/50 Hz mains voltage. They are designed for an ambient temperature of +25 °C. In many parts of Europe nominal voltage is 230 V ±10 %. The ECGs used as standard by TRILUX are designed for this voltage range. Limitation of service life via mains voltage tolerance is therefore excluded.

All series luminaires in this catalogue bear the VDE or ENEC designation and fulfil fire safety stipulations for installation to materials with standard flammability (formerly ▽). Suitability for installation in thermally insulated ceilings must be requested in specific

cases. Sports hall luminaires are also ball-proof and designated with the ⚡ symbol. The VDE and ENEC designations document that luminaires have been tested by a neutral institute according to DIN EN 60598 (VDE 0711). This also certifies that production has been monitored by VDE engineers, whereby random samples are taken for supplementary inspection. For designation of protection against ingress of foreign bodies and humidity, the IP rating according to DIN EN 60598 is specified on the luminaire's product label or on the external luminaire surface. Luminaires with IP20 protection carry no symbol. In order to ensure the level of protection and other characteristics

are maintained, it is essential that the luminaires are installed in accordance with the mounting instructions.

Deviations from standard conditions such as other voltages, higher ambient temperatures or other frequencies may represent impermissible operating conditions. The same applies to chemical or physical factors of influence such as humidity, salty air, softeners, gases, oceanic and tropical climates, chlorine-containing atmospheres, UV radiation, vibrations and certain cleaning processes. Please request specifically concerning difficult operating conditions.

## EU regulations

The EU regulations 244/2009, 245/2009, 347/2010, 1194/2012 and 874/2012 stipulate energy efficiency and information requirements for light sources and luminaires with regard to their environmental compatibility.

TRILUX luminaires and ballast units and light sources integrated in these correspond to the stipulations of the regulations.

Instructions for cleaning, maintenance and disposal of luminaires can be found at [www.trilux.com/technical-information](http://www.trilux.com/technical-information) in the "EC Regulation 245" category. In addition, efficiency levels of fluorescent lamp ballasts and fluorescent lamps are listed in tables.

## Radio interference suppression of luminaires

All TRILUX luminaires are tested for electromagnetic compatibility (EMC) in compliance with EN 55015 and EN 61547 and fulfil these requirements. With many series luminaires this is also documented with the EMC testing designation from the VDE (Association of German Electrical Engineers).

## T5 adapters

The use of adapters for operation of T5 lamps in TRILUX luminaires intended for T8 lamps is not permissible.

## Plastic parts

Plastic parts in luminaires have become important functional elements. With the correct use of luminaires, resistance of the plastics is ensured. With impermissible applications and damaging factors of influence, their resistance is impaired however.

## Damaging factors of influence on plastics

Cause, e.g.	Damaging influence factor	Effect
excessive operating voltage, excessive ambient temperature, incorrect installation	excessively high temperature	deformation, embrittlement, discolouring
high pressure mercury vapour lamps with an excessive UV component, sterilising lamps	short-wave UV radiation	yellowing, embrittlement
softeners (e.g. from non heat-resistant cable insulation), incorrect cleaning agents	aggressive substances	cracking, impairment of mechanical strength, surface damage

## Supply of spare parts

Quality and the reliable supply of spare parts are guarantees for the long-term operational dependability of lighting systems. TRILUX luminaires are quality products with a long service life, along with consistently high optical proper-

ties. All single parts have been carefully checked and are subject to constant quality control. During the long operational duration of lighting systems, the possibility of luminaires becoming damaged cannot be excluded though.

We guarantee reliable supply of spare parts for all such cases. The name TRILUX represents quality with distinction. This is verified by the QS certificate in compliance with ISO 9001.

## Retrofit LED lamps

All TRILUX luminaires are designated on the luminaire's product label with the lamp wattages permissible for operation. The use of lamps with other wattages, such as LED retrofit lamps, is not intended and may lead to deviations in safety and optical requirements.

## Eco or energy-saver lamps

The use of light sources with increased efficiency is possible in most luminaires. Depending on electronic ballast technology, use leads to energy savings or increased luminous flux. Please query in specific application cases.

## Energy efficiency classes

The EU regulation 874/2012 requires the energy consumption designation of electrical lamps and luminaires. Private consumers should be able to see the efficiency classes of compatible lamps via the A++ to E energy efficiency classes of the luminaires.

## Halogen-free connection cables

Using a heat shrink tube for protection is required with the on-site use of halogen-free connection cables in luminaires with fluorescent lamps. This affects

luminaires with halogen-free connection cables exposed without shadowing to the UV light of the lamps.

Please query in specific application cases.

Order number:  
ZAL/heat shrink tube, TOC 63 612 00

Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	ECG $\Phi$ (lm)*	Philips Reference	ECG $\Phi$ (lm)*	Socket
	W	mm	mm		≥					
T 16	14	549	16	ww	80	HE 14W/827	1200	TL5 HE 14W/827	1250	G5
T 16	14	549	16	ww	80	HE 14W/830	1200	TL5 HE 14W/830	1250	G5
T 16	14	549	16	nw	80	HE 14W/835	1200	-	-	G5
T 16	14	549	16	nw	80	HE 14W/840	1200	TL5 HE 14W/840	1250	G5
T 16	14	549	16	tw	80	HE 14W/865	1100	TL5 HE 14W/865	1150	G5
T 16	14	549	16	tw	80	HE 14W/880	1050	-	-	G5
T 16	24	549	16	ww	80	HO 24W/827	1750	TL5 HO 24W/827	1750	G5
T 16	24	549	16	ww	80	HO 24W/830	1750	TL5 HO 24W/830	1750	G5
T 16	24	549	16	nw	80	HO 24W/835	1750	-	-	G5
T 16	24	549	16	nw	80	HO 24W/840	1750	TL5 HO 24W/840	1750	G5
T 16	24	549	16	tw	80	HO 24W/865	1600	TL5 HO 24W/865	1600	G5
T 16	24	549	16	tw	80	HO 24W/880	1550	-	-	G5
T 16	24	549	16	nw	90	HO 24W/940	1400	TL5 HO 24W/940	1400	G5
T 16	24	549	16	nw	90	-	-	TL5 HO 24W/950	1400	G5
T 16	24	549	16	tw	90	HO 24W/965	1400	TL5 HO 24W/965	1400	G5
T 16	21	849	16	ww	80	HE 21W/827	1900	TL5 HE 21W/827	1900	G5
T 16	21	849	16	ww	80	HE 21W/830	1900	TL5 HE 21W/830	1900	G5
T 16	21	849	16	nw	80	HE 21W/835	1900	-	-	G5
T 16	21	849	16	nw	80	HE 21W/840	1900	TL5 HE 21W/840	1900	G5
T 16	21	849	16	tw	80	HE 21W/865	1750	TL5 HE 21W/865	1750	G5
T 16	21	849	16	tw	80	HE 21W/880	1700	-	-	G5
T 16	39	849	16	ww	80	HO 39W/827	3100	TL5 HO 39W/827	3100	G5
T 16	39	849	16	ww	80	HO 39W/830	3100	TL5 HO 39W/830	3100	G5
T 16	39	849	16	nw	80	HO 39W/840	3100	TL5 HO 39W/840	3100	G5
T 16	39	849	16	nw	80	HO 39W/865	2850	TL5 HO 39W/865	2900	G5
T 16	28	1149	16	ww	80	HE 28W/827	2600	TL5 HE 28W/827	2600	G5
T 16	28	1149	16	ww	80	HE 28W/830	2600	TL5 HE 28W/830	2600	G5
T 16	28	1149	16	nw	80	HE 28W/835	2600	-	-	G5
T 16	28	1149	16	nw	80	HE 28W/840	2600	TL5 HE 28W/840	2600	G5
T 16	28	1149	16	tw	80	HE 28W/865	2400	TL5 HE 28W/865	2450	G5
T 16	28	1149	16	tw	80	HE 28W/880	2350	-	-	G5
T 16	54	1149	16	ww	80	HO 54W/827	4450	TL5 HO 54W/827	4450	G5
T 16	54	1149	16	ww	80	HO 54W/830	4450	TL5 HO 54W/830	4450	G5
T 16	54	1149	16	nw	80	HO 54W/835	4450	-	-	G5
T 16	54	1149	16	nw	80	HO 54W/840	4450	TL5 HO 54W/840	4450	G5
T 16	54	1149	16	tw	80	HO 54W/865	4100	TL5 HO 54W/865	4150	G5
T 16	54	1149	16	tw	80	HO 54W/880	4000	-	-	G5
T 16	54	1149	16	nw	90	HO 54W/940	3800	TL5 HO 54W/940	3800	G5
T 16	54	1149	16	nw	90	-	-	TL5 HO 54W/950	3800	G5
T 16	54	1149	16	tw	90	HO 54W/965	3800	TL5 HO 54W/965	3800	G5
T 16	35	1449	16	ww	80	HE 35W/827	3300	TL5 HE 35W/827	3300	G5
T 16	35	1449	16	ww	80	HE 35W/830	3300	TL5 HE 35W/830	3300	G5
T 16	35	1449	16	nw	80	HE 35W/835	3300	-	-	G5
T 16	35	1449	16	nw	80	HE 35W/840	3300	TL5 HE 35W/840	3300	G5
T 16	35	1449	16	tw	80	HE 35W/865	3050	TL5 HE 35W/865	3100	G5
T 16	35	1449	16	tw	80	HE 35W/880	3000	-	-	G5
T 16	35	1449	16	tw	80	FH 35W/865 HE	3050	TL5 HE 35W/865	3100	G5
T 16	35	1449	16	tw	80	FH 35W/880 HE	3000	-	-	G5


\* All luminous flux specifications relate to 25°C.

# LAMP DATA INDOOR



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	ECG $\Phi$ (lm)*	Philips Reference	ECG $\Phi$ (lm)*	Socket
	W	mm	mm		≥					
T 16	49	1449	16	ww	80	HO 49W/827	4300	TL5 HO 49W/827	4350	G5
T 16	49	1449	16	ww	80	HO 49W/830	4300	TL5 HO 49W/830	4250	G5
T 16	49	1449	16	nw	80	HO 49W/835	4300	-	-	G5
T 16	49	1449	16	nw	80	HO 49W/840	4300	TL5 HO 49W/840	4350	G5
T 16	49	1449	16	tw	80	HO 49W/865	4100	TL5 HO 49W/865	4050	G5
T 16	49	1449	16	tw	80	HO 49W/880	4050	-	-	G5
T 16	49	1449	16	nw	90	HO 49W/940	3500	TL5 HO 49W/940	3700	G5
T 16	49	1449	16	nw	90	-	-	TL5 HO 49W/950	3700	G5
T 16	49	1449	16	tw	90	HO 49W/965	3450	TL5 HO 49W/965	3700	G5
T 16	80	1449	16	ww	80	HO 80W/827	6150	TL5 HO 80W/827	6550	G5
T 16	80	1449	16	ww	80	HO 80W/830	6150	TL5 HO 80W/830	6550	G5
T 16	80	1449	16	nw	80	HO 80W/835	6150	-	-	G5
T 16	80	1449	16	nw	80	HO 80W/840	6150	TL5 HO 80W/840	6550	G5
T 16	80	1449	16	tw	80	HO 80W/865	5700	TL5 HO 80W/865	6300	G5
T 16	80	1449	16	tw	80	HO 80W/880	5550	-	-	G5
T26	16	590	26	ww	80	L 16W/830	1050	TL-D Eco 16W/830	1150	G13
T26	16	590	26	ww	80	L 16W/840	1050	TL-D Eco 16W/840	1150	G13
T26	16	590	26	nw	80	-	-	TL-D Eco 16W/865	1100	G13
T26	18	590	26	ww	80	L 18W/827	1350	TL-D S80 18W/827	1350	G13
T26	18	590	26	ww	80	L 18W/830	1350	TL-D S80 18W/830	1350	G13
T26	18	590	26	nw	80	L 18W/835	1350	-	-	G13
T26	18	590	26	nw	80	L 18W/840	1350	TL-D S80 18W/840	1350	G13
T26	18	590	26	tw	80	L 18W/865	1300	TL-D S80 18W/865	1300	G13
T26	18	590	26	tw	80	L 18W/880	1300	-	-	G13
T26	18	590	26	ww	90	L 18W/930	1100	TL-D 90 DeLuxe 18W/930	1200	G13
T26	18	590	26	nw	90	L 18W/940	1200	TL-D 90 DeLuxe 18W/940	1200	G13
T26	18	590	26	tw	90	L 18W/954	1100	TL-D 90 DeLuxe 18W/950	1150	G13
T26	18	590	26	tw	90	L 18W/965	1150	TL-D 90 DeLuxe 18W/965	1150	G13
T26	32	1200	26	ww	80	L 32W/830 ES	2500	TL-D Eco 32W/830	2650	G13
T26	32	1200	26	nw	80	L 32W/840 ES	2500	TL-D Eco 32W/840	2650	G13
T26	32	1200	26	tw	80	-	-	TL-D Eco 32W/865	2550	G13
T26	36	1200	26	ww	80	L 36W/827	3350	TL-D S80 36W/827	3350	G13
T26	36	1200	26	ww	80	L 36W/830	3350	TL-D S80 36W/830	3350	G13
T26	36	1200	26	ww	80	L 36W/835	3350	-	-	G13
T26	36	1200	26	nw	80	L 36W/840	3350	TL-D S80 36W/840	3350	G13
T26	36	1200	26	tw	80	L 36W/865	3250	TL-D S80 36W/865	3250	G13
T26	36	1200	26	tw	80	L 36W/880	3000	-	-	G13
T26	36	1200	26	ww	90	L 36W/930	2700	TL-D 90 DeLuxe 36W/930	2800	G13
T26	36	1200	26	nw	90	L 36W/940	2900	TL-D 90 DeLuxe 36W/940	2800	G13
T26	36	1200	26	tw	90	L 36W/954	2850	TL-D 90 DeLuxe 36W/950	2800	G13
T26	36	1200	26	tw	90	L 36W/965	2850	TL-D 90 DeLuxe 36W/965	2800	G13
T26	51	1500	26	ww	80	L 51W/830 ES	4200	TL-D Eco 51W/830	4550	G13
T26	51	1500	26	nw	80	L 51W/840 ES	4200	TL-D Eco 51W/840	4550	G13
T26	51	1500	26	tw	80	-	-	TL-D Eco 51W/865	4300	G13
T26	58	1500	26	ww	80	L 58W/827	5200	TL-D S80 58W/827	5200	G13
T26	58	1500	26	ww	80	L 58W/830	5200	TL-D S80 58W/830	5200	G13
T26	58	1500	26	nw	80	L 58W/835	5200	-	-	G13
T26	58	1500	26	nw	80	L 58W/840	5200	TL-D S80 58W/840	5200	G13
T26	58	1500	26	tw	80	L 58W/865	5000	TL-D S80 58W/865	5000	G13
T26	58	1500	26	tw	80	L 58W/880	4900	-	-	G13
T26	58	1500	26	ww	90	L 58W/930	4350	TL-D 90 DeLuxe 58W/930	4350	G13
T26	58	1500	26	nw	90	L 58W/940	4600	TL-D 90 DeLuxe 58W/940	4600	G13
T26	58	1500	26	tw	90	L 58W/954	4550	TL-D 90 DeLuxe 58W/950	4550	G13
T26	58	1500	26	tw	90	L 58W/965	4550	TL-D 90 DeLuxe 58W/965	4550	G13

\* All luminous flux specifications relate to 25°C.

# LAMP DATA INDOOR



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	ECG $\Phi$ (lm)*	Philips Reference	ECG $\Phi$ (lm)*	Socket
	W	mm	mm		≥					
T-R 16	22	Ø 230	16	ww	80	FC 22W/827	1900	-	-	2GX13
T-R 16	22	Ø 230	16	ww	80	FC 22W/830	1900	TL5-C 22W/830	1800	2GX13
T-R 16	22	Ø 230	16	nw	80	FC 22W/840	1900	TL5-C 22W/840	1800	2GX13
T-R 16	22	Ø 230	16	tw	80	FC 22W/865	1800	-	-	2GX13
T-R 16	40	Ø 305	16	ww	80	FC 40W/827	3400	-	-	2GX13
T-R 16	40	Ø 305	16	ww	80	FC 40W/830	3400	TL5-C 40W/830	3300	2GX13
T-R 16	40	Ø 305	16	nw	80	FC 40W/840	3400	TL5-C 40W/840	3300	2GX13
T-R 16	40	Ø 305	16	tw	80	FC 40W/865	3300	-	-	2GX13
T-R 16	55	Ø 305	16	ww	80	FC 55W/827	4200	-	-	2GX13
T-R 16	55	Ø 305	16	ww	80	FC 55W/830	4200	TL5-C 55W/830	4200	2GX13
T-R 16	55	Ø 305	16	nw	80	FC 55W/840	4200	TL5-C 55W/840	4200	2GX13
T-R 16	55	Ø 305	16	tw	80	FC 55W/865	3950	-	-	2GX13

Lamp type	PL	L	LF	Ra	OSRAM Reference	Philips Reference	ECG $\Phi$ (lm)*	Socket
	W	mm		≥				
TC-DEL	13	130	ww	80	DULUX D/E 13W/827	Master PL-C 13W/827/4P	900	G24q-1
TC-DEL	13	130	ww	80	DULUX D/E 13W/830	Master PL-C 13W/830/4P	900	G24q-1
TC-DEL	13	130	nw	80	DULUX D/E 13W/840	Master PL-C 13W/840/4P	900	G24q-1
TC-DEL	18	140	ww	80	DULUX D/E 18W/827	Master PL-C 18W/827/4P	1200	G24q-2
TC-DEL	18	140	ww	80	DULUX D/E 18W/830	Master PL-C 18W/830/4P	1200	G24q-2
TC-DEL	18	140	nw	80	DULUX D/E 18W/840	Master PL-C 18W/840/4P	1200	G24q-2
TC-DEL	26	160	ww	80	DULUX D/E 26W/827	Master PL-C 26W/827/4P	1750	G24q-3
TC-DEL	26	160	ww	80	DULUX D/E 26W/830	Master PL-C 26W/830/4P	1750	G24q-3
TC-DEL	26	160	nw	80	DULUX D/E 26W/840	Master PL-C 26W/840/4P	1750	G24q-3
TC-F	24	165	ww	80	DULUX F 24W/827	-	1700	2G10
TC-F	24	165	ww	80	DULUX F 24W/830	-	1700	2G10
TC-F	24	165	nw	80	DULUX F 24W/840	-	1700	2G10
TC-F	36	217	ww	80	DULUX F 36W/827	-	2800	2G10
TC-F	36	217	ww	80	DULUX F 36W/830	-	2800	2G10
TC-F	36	217	nw	80	DULUX F 36W/840	-	2800	2G10

\* All luminous flux specifications relate to 25°C.

# LAMP DATA INDOOR



Lamp type	PL	L	LF	Ra	OSRAM Reference	Philips Reference	ECG $\Phi$ (lm)*	Socket
	W	mm		$\geq$				
TC-L	18	225	ww	80	DULUX L 18W/827	Master PL-L 18W/827/4P	1200	2G11
TC-L	18	225	ww	80	DULUX L 18W/830	Master PL-L 18W/830/4P	1200	2G11
TC-L	18	225	nw	80	DULUX L 18W/840	Master PL-L 18W/840/4P	1200	2G11
TC-L	18	225	tw	80	-	Master PL-L 18W/865/4P	1150	2G11
TC-L	18	225	ww	90	DULUX L 18W/930	-	950	2G11
TC-L	18	225	nw	90	DULUX L 18W/940	-	950	2G11
TC-L	18	225	tw	90	DULUX L 18W/954	-	950	2G11
TC-L	24	320	ww	80	DULUX L 24W/827	Master PL-L 24W/827/4P	1800	2G11
TC-L	24	320	ww	80	DULUX L 24W/830	Master PL-L 24W/830/4P	1800	2G11
TC-L	24	320	nw	80	DULUX L 24W/840	Master PL-L 24W/840/4P	1800	2G11
TC-L	24	320	ww	90	DULUX L 24W/930	-	1500	2G11
TC-L	24	320	nw	90	DULUX L 24W/940	-	1500	2G11
TC-L	24	320	tw	90	DULUX L 24W/950	-	1500	2G11
TC-L	36	415	ww	80	DULUX L 36W/827	Master PL-L 36W/827/4P	2900	2G11
TC-L	36	415	ww	80	DULUX L 36W/830	Master PL-L 36W/830/4P	2900	2G11
TC-L	36	415	nw	80	DULUX L 36W/840	Master PL-L 36W/840/4P	2900	2G11
TC-L	36	415	tw	80	DULUX L 36W/865	Master PL-L 36W/865/4P	2800	2G11
TC-L	36	415	tw	80	DULUX L 36W/880	-	2600	2G11
TC-L	36	415	ww	90	DULUX L 36W/930	-	2350	2G11
TC-L	36	415	nw	90	DULUX L 36W/940	-	2350	2G11
TC-L	36	415	tw	90	DULUX L 36W/954	-	2350	2G11
TC-L	26	535	ww	80	DULUX L HE 26W/830	-	2450	2G11
TC-L	26	535	nw	80	DULUX L HE 26W/840	-	2450	2G11
TC-L	40	535	ww	80	DULUX L 40W/827	-	3500	2G11
TC-L	40	535	ww	80	DULUX L 40W/830	Master PL-L 40W/830/4P	3500	2G11
TC-L	40	535	nw	80	DULUX L 40W/840	Master PL-L 40W/840/4P	3500	2G11
TC-L	40	535	tw	80	DULUX L 40W/865	-	3325	2G11
TC-L	40	535	tw	80	DULUX L 40W/880	-	3150	2G11
TC-L	40	535	tw	90	DULUX L 40W/954	-	2350	2G11
TC-L	55	535	ww	80	DULUX L 55W/827	-	4800	2G11
TC-L	55	535	ww	80	DULUX L 55W/830	Master PL-L 55W/830/4P	4800	2G11
TC-L	55	535	nw	80	DULUX L 55W/840	Master PL-L 55W/840/4P	4800	2G11
TC-L	55	535	tw	80	DULUX L 55W/865	Master PL-L 55W/865/4P	4500	2G11
TC-L	55	535	tw	80	DULUX L 55W/880	-	4300	2G11
TC-L	55	535	ww	90	DULUX L 55W/930	-	4000	2G11
TC-L	55	535	nw	90	DULUX L 55W/940	-	4000	2G11
TC-L	55	535	tw	90	DULUX L 55W/954	-	4000	2G11
TC-SEL	9	145	ww	80	DULUX S/E 9W/827	PL-S 9W/827/4P	600	2G7
TC-SEL	9	145	ww	80	DULUX S/E 9W/830	PL-S 9W/830/4P	600	2G7
TC-SEL	9	145	nw	80	DULUX S/E 9W/840	PL-S 9W/840/4P	600	2G7
TC-SEL	11	215	ww	80	DULUX S/E 11W/827	PL-S 11W/827/4P	900	2G7
TC-SEL	11	215	ww	80	DULUX S/E 11W/830	PL-S 11W/830/4P	900	2G7
TC-SEL	11	215	nw	80	DULUX S/E 11W/840	PL-S 11W/840/4P	900	2G7
TC-TEL(I)	13	90	ww	80	DULUX T/E 13W/827 PLUS	Master PL-T 13W/827/4P	900	GX24q-1
TC-TEL(I)	13	90	ww	80	DULUX T/E 13W/830 PLUS	Master PL-T 13W/830/4P	900	GX24q-1
TC-TEL(I)	13	90	nw	80	DULUX T/E 13W/840 PLUS	Master PL-T 13W/840/4P	900	GX24q-1
TC-TEL(I)	18	100	ww	80	DULUX T/E 18W/827 (IN) PLUS	Master PL-T 18W/827/4P	1200	GX24q-2
TC-TEL(I)	18	100	ww	80	DULUX T/E 18W/830 (IN) PLUS	Master PL-T 18W/830/4P(TOP)	1200	GX24q-2
TC-TEL(I)	18	100	nw	80	DULUX T/E 18W/840 (IN) PLUS	Master PL-T 18W/840/4P(TOP)	1200	GX24q-2
TC-TEL(I)	26	115	ww	80	DULUX T/E 26W/827 (IN) PLUS	Master PL-T 26W/827/4P	1800	GX24q-3
TC-TEL(I)	26	115	ww	80	DULUX T/E 26W/830 (IN) PLUS	Master PL-T 26W/830/4P(TOP)	1800	GX24q-3
TC-TEL(I)	26	115	nw	80	DULUX T/E 26W/840 (IN) PLUS	Master PL-T 26W/840/4P(TOP)	1800	GX24q-3
TC-TEL(I)	32	130	ww	80	DULUX T/E 32W/827 (IN) PLUS	Master PL-T 32W/827/4P(TOP)	2400	GX24q-3
TC-TEL(I)	32	130	ww	80	DULUX T/E 32W/830 (IN) PLUS	Master PL-T 32W/830/4P(TOP)	2400	GX24q-3
TC-TEL(I)	32	130	nw	80	DULUX T/E 32W/840 (IN) PLUS	Master PL-T 32W/840/4P(TOP)	2400	GX24q-3
TC-TEL(I)	42	155	ww	80	DULUX T/E 42W/827 (IN) PLUS	Master PL-T 42W/827/4P(TOP)	3200	GX24q-4
TC-TEL(I)	42	155	ww	80	DULUX T/E 42W/830 (IN) PLUS	Master PL-T 42W/830/4P(TOP)	3200	GX24q-4
TC-TEL(I)	42	155	nw	80	DULUX T/E 42W/840 (IN) PLUS	Master PL-T 42W/840/4P(TOP)	3200	GX24q-4

\* All luminous flux specifications relate to 25°C.

(IN) and (TOP) alternatively also with amalgam technology for increased ambient temperatures.

IN and TOP without brackets are versions only available with amalgam technology.

Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Philips Reference	ECG Reference	Socket
		W	mm	mm	≥			Φ (lm)*	ECG Φ (lm)*
<b>Metal halide lamps, ellipsoid form (≥ 250 W only for closed luminaires)</b>									
HIE	250	226	90	tw	90	HQI-E 250/D PRO <sup>1)</sup>	-	19000 <sup>1)</sup>	- E40
HIE	250	226	90	nw	60	-	MASTER HPI Plus 250W/745 BU E40	-	18000 <sup>2)</sup> E40



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Philips Reference	ECG Reference	Socket
		W	mm	mm	≥			Φ (lm)*	ECG Φ (lm)*
<b>Metal halide lamps, tubular form (CE with ceramic arc tube, only for sealed luminaires)</b>									
HIT-CE	70	105	20	ww	80	HCI-T 70/830 WDL PB	7400	MASTERCcolour CDM-T 70W/830	6600 G12
HIT-CE	70	105	20	ww	90	HCI-T 70/930 WDL PB Shoptlight	6300	MASTERCcolour CDM-T Elite 70W/930	7500 G12
HIT-CE	70	105	20	nw	90	HCI-T 70/942 NDL PB	6800	MASTERCcolour CDM-T Elite 70W/942	7200 G12
HIT-CE	150	110	20	ww	80	HCI-T 150/830 WDL PB	15000	MASTERCcolour CDM-T 150W/830	14000 G12
HIT-CE	150	110	20	ww	90	-	-	MASTERCcolour CDM-T Elite 150W/930	15000 G12
HIT-CE	150	110	20	nw	90	HCI-T 150/942 NDL PB	14500	MASTERCcolour CDM-T 150W/942	12700 G12
HIT	70	84	25	ww	80	HQI-T 70/WDL	5300	-	- G12
HIT	70	84	25	nw	80	HQI-T 70/NDL	5800	-	- G12
HIT	150	84	25	ww	80	HQI-T 150/WDL	13000	-	- G12
HIT	150	84	25	nw	80	HQI-T 150/NDL	13000	-	- G12



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Philips Reference	ECG Reference	Socket
		W	mm	mm	≥			Φ (lm)*	ECG Φ (lm)*
<b>High-pressure sodium vapour lamps, ellipsoid form</b>									
HSE	250	227	120	ww	20	NAV-E 250	27000	SON 250W/220 E	27000 E40
HSE	250	227	120	ww	20	NAV-E 250 4Y	28800	MASTER SON APIA Plus Hg Free 250W	29700 E40
HSE	250	227	120	ww	20	NAV-E 250 SUPER 4Y	31600	MASTER SON APIA Plus Xtra 250W	31300 E40
HSE	250	227	120	ww	60	-	-	SON Comfort 250W/621	22000 E40
HSE	400	290	122	ww	20	NAV-E 400	48000	SON 400W/220 E	48000 E40
HSE	400	290	122	ww	20	NAV-E 400 4Y	50000	MASTER SON PIA Hg Free 400 W	48000 E40
HSE	400	290	122	ww	20	NAV-E 400 SUPER 4Y	56500	MASTER SON APIA Plus Hg Free 400W	53600 E40
HSE	400	290	122	ww	20	-	-	MASTER SON PIA Plus Xtra 400W	55400 E40
HSE	400	290	122	ww	60	-	-	SON Comfort 400W/621	37000 E40



Lamp type	PL	L	LF	Ra	OSRAM Reference	Philips Reference	ECG Reference	Socket
		W	mm	≥			Φ (lm)*	
TC-DEL	13	130	ww	80	DULUX D/E 13W/827	Master PL-C 13W/827/4P	900	G24q-1
TC-DEL	13	130	ww	80	DULUX D/E 13W/830	Master PL-C 13W/830/4P	900	G24q-1
TC-DEL	13	130	nw	80	DULUX D/E 13W/840	Master PL-C 13W/840/4P	900	G24q-1
TC-DEL	18	140	ww	80	DULUX D/E 18W/827	Master PL-C 18W/827/4P	1200	G24q-2
TC-DEL	18	140	ww	80	DULUX D/E 18W/830	Master PL-C 18W/830/4P	1200	G24q-2
TC-DEL	18	140	nw	80	DULUX D/E 18W/840	Master PL-C 18W/840/4P	1200	G24q-2
TC-DEL	26	160	ww	80	DULUX D/E 26W/827	Master PL-C 26W/827/4P	1750	G24q-3
TC-DEL	26	160	ww	80	DULUX D/E 26W/830	Master PL-C 26W/830/4P	1750	G24q-3
TC-DEL	26	160	nw	80	DULUX D/E 26W/840	Master PL-C 26W/840/4P	1750	G24q-3



\* All luminous flux specifications relate to 25°C.

<sup>1)</sup> with ballast for high pressure sodium vapour lamps <sup>2)</sup> + 10-20% with ballast for high pressure sodium vapour lamps



# LAMP DATA OUTDOOR



Lamp type	PL	L	LF	Ra	OSRAM Reference	Philips Reference	ECG $\Phi$ (lm)*	Socket
	W	mm		$\geq$				
TC-L	18	225	ww	80	DULUX L 18W/827	Master PL-L 18W/827/4P	1200	2G11
TC-L	18	225	ww	80	DULUX L 18W/830	Master PL-L 18W/830/4P	1200	2G11
TC-L	18	225	nw	80	DULUX L 18W/840	Master PL-L 18W/840/4P	1200	2G11
TC-L	18	225	ww	90	DULUX L 18W/930	Master PL-L 90 18W/930/4P	950	2G11
TC-L	18	225	nw	90	DULUX L 18W/940	Master PL-L 90 18W/940/4P	950	2G11
TC-L	18	225	tw	90	DULUX L 18W/954	Master PL-L 90 18W/950/4P	950	2G11
TC-L	24	320	ww	80	DULUX L 24W/827	Master PL-L 24W/827/4P	1800	2G11
TC-L	24	320	ww	80	DULUX L 24W/830	Master PL-L 24W/830/4P	1800	2G11
TC-L	24	320	nw	80	DULUX L 24W/840	Master PL-L 24W/840/4P	1800	2G11
TC-L	24	320	ww	90	DULUX L 24W/930	Master PL-L 90 24W/930/4P	1500	2G11
TC-L	24	320	nw	90	DULUX L 24W/940	Master PL-L 90 24W/940/4P	1500	2G11
TC-L	24	320	tw	90	DULUX L 24W/950	Master PL-L 90 24W/950/4P	1500	2G11
TC-L	36	415	ww	80	DULUX L 36W/827	Master PL-L 36W/827/4P	2900	2G11
TC-L	36	415	ww	80	DULUX L 36W/830	Master PL-L 36W/830/4P	2900	2G11
TC-L	36	415	nw	80	DULUX L 36W/840	Master PL-L 36W/840/4P	2900	2G11
TC-L	36	415	tw	80	DULUX L 36W/865	-	2750	2G11
TC-L	36	415	tw	80	DULUX L 36W/880	-	2600	2G11
TC-L	36	415	ww	90	DULUX L 36W/930	Master PL-L 90 36W/930/4P	2350	2G11
TC-L	36	415	nw	90	DULUX L 36W/940	Master PL-L 90 36W/940/4P	2350	2G11
TC-L	36	415	tw	90	DULUX L 36W/954	Master PL-L 90 36W/950/4P	2350	2G11
TC-L	26	535	ww	80	DULUX L HE 26W/830	-	2450	2G11
TC-L	26	535	nw	80	DULUX L HE 26W/840	-	2450	2G11
TC-L	40	535	ww	80	DULUX L 40W/827	-	3500	2G11
TC-L	40	535	ww	80	DULUX L 40W/830	Master PL-L 40W/830/4P	3500	2G11
TC-L	40	535	nw	80	DULUX L 40W/840	Master PL-L 40W/840/4P	3500	2G11
TC-L	40	535	tw	80	DULUX L 40W/865	-	3325	2G11
TC-L	40	535	tw	80	DULUX L 40W/880	-	3150	2G11
TC-L	40	535	tw	90	DULUX L 40W/954	-	2350	2G11
TC-L	55	535	ww	80	DULUX L 55W/827	-	4800	2G11
TC-L	55	535	ww	80	DULUX L 55W/830	Master PL-L 55W/830/4P	4800	2G11
TC-L	55	535	nw	80	DULUX L 55W/840	Master PL-L 55W/840/4P	4800	2G11
TC-L	55	535	tw	80	DULUX L 55W/865	Master PL-L 55W/865/4P	4500	2G11
TC-L	55	535	tw	80	DULUX L 55W/880	-	4300	2G11
TC-L	55	535	ww	90	DULUX L 55W/930	Master PL-L 90 55W/930/4P	4000	2G11
TC-L	55	535	nw	90	DULUX L 55W/940	Master PL-L 90 55W/940/4P	4000	2G11
TC-L	55	535	tw	90	DULUX L 55W/954	Master PL-L 90 55W/950/4P	4000	2G11
TC-TEL(I)	13	90	ww	80	DULUX T/E 13W/827 PLUS	Master PL-T 13W/827/4P	900	GX24q-1
TC-TEL(I)	13	90	ww	80	DULUX T/E 13W/830 PLUS	Master PL-T 13W/830/4P	900	GX24q-1
TC-TEL(I)	13	90	nw	80	DULUX T/E 13W/840 PLUS	Master PL-T 13W/840/4P	900	GX24q-1
TC-TEL(I)	18	100	ww	80	DULUX T/E 18W/827 (IN) PLUS	Master PL-T 18W/827/4P	1200	GX24q-2
TC-TEL(I)	18	100	ww	80	DULUX T/E 18W/830 (IN) PLUS	Master PL-T 18W/830/4P(TOP)	1200	GX24q-2
TC-TEL(I)	18	100	nw	80	DULUX T/E 18W/840 (IN) PLUS	Master PL-T 18W/840/4P(TOP)	1200	GX24q-2
TC-TEL(I)	26	115	ww	80	DULUX T/E 26W/827 (IN) PLUS	Master PL-T 26W/827/4P	1800	GX24q-3
TC-TEL(I)	26	115	ww	80	DULUX T/E 26W/830 (IN) PLUS	Master PL-T 26W/830/4P(TOP)	1800	GX24q-3
TC-TEL(I)	26	115	nw	80	DULUX T/E 26W/840 (IN) PLUS	Master PL-T 26W/840/4P(TOP)	1800	GX24q-3
TC-TEL(I)	32	130	ww	80	DULUX T/E 32W/827 (IN) PLUS	Master PL-T 32W/827/4P(TOP)	2400	GX24q-3
TC-TEL(I)	32	130	ww	80	DULUX T/E 32W/830 (IN) PLUS	Master PL-T 32W/830/4P(TOP)	2400	GX24q-3
TC-TEL(I)	32	130	nw	80	DULUX T/E 32W/840 (IN) PLUS	Master PL-T 32W/840/4P(TOP)	2400	GX24q-3
TC-TEL(I)	42	155	ww	80	DULUX T/E 42W/827 (IN) PLUS	Master PL-T 42W/827/4P(TOP)	3200	GX24q-4
TC-TEL(I)	42	155	ww	80	DULUX T/E 42W/830 (IN) PLUS	Master PL-T 42W/830/4P(TOP)	3200	GX24q-4
TC-TEL(I)	42	155	nw	80	DULUX T/E 42W/840 (IN) PLUS	Master PL-T 42W/840/4P(TOP)	3200	GX24q-4



\* All luminous flux specifications relate to 25°C.  
**(IN)** and **(TOP)** alternatively also with amalgam technology for increased ambient temperatures.  
**IN** and **TOP** without brackets are versions only available with amalgam technology.

Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Philips Reference		Socket	
							Φ (lm)*	Φ (lm)*		
	W	mm	mm	≥						
<b>Metal halide lamps, ellipsoid form (≥ 250 W only for closed luminaires)</b>										
HIE	70	144	55	ww	70	HQI-E 70/WDL clear	5200	-	-	E27
HIE	70	144	55	nw	70	HQI-E 70/NDL clear	5500	-	-	E27
HIE	100	144	55	ww	70	HQI-E 100/WDL clear	8500	-	-	E27
HIE	100	144	55	nw	80	HQI-E 100/NDL clear	8400	-	-	E27
HIE	150	144	55	ww	70	HQI-E 150/WDL	12900	-	-	E27
HIE	150	144	55	nw	80	HQI-E 150/NDL	12500	-	-	E27
HIE	250	226	90	tw	90	HQI-E 250/D PRO <sup>1)</sup>	19000 <sup>1)</sup>	-	-	E40
HIE	250	226	90	nw	60	-	-	MASTER HPI Plus 250W/745 BU E40	18000 <sup>2)</sup>	E40
<b>Metal halide lamps, ellipsoid form (CE with ceramic burner)</b>										
HIE-CE	35	138	54	ww	80	HCI-E/P 35/830 WDL PB coated	3200	-	-	E27
HIE-CE	35	138	54	nw	90	HCI-E/P 35/942 NDL PB coated	3100	-	-	E27
HIE-CE	50	138	54	ww	80	HCI-E/P 50/830 WDL PB coated	4000	-	-	E27
HIE-CE	70	138	54	ww	80	HCI-E/P 70/830 WDL PB coated	6700	-	-	E27
HIE-CE	70	138	54	nw	90	HCI-E/P 70/942 NDL PB coated	6300	-	-	E27
HIE-CE	100	138	54	ww	80	HCI-E/P 100/830 WDL PB coated	8500	-	-	E27
HIE-CE	100	138	54	nw	90	HCI-E/P 100/942 NDL PB coated	8300	-	-	E27
HIE-CE	150	138	54	ww	80	HCI-E/P 150/830 WDL PB coated	13700	-	-	E27
HIE-CE	150	138	54	nw	90	HCI-E/P 150/942 NDL PB coated	13700	-	-	E27
HIE-CE/S-od	50	156	71	ww	80	-	-	MASTER CityWhite CDO-ET Plus 50/828	5150	E27
HIE-CE/S-od	70	156	71	ww	80	-	-	MASTER CityWhite CDO-ET Plus 70/828	7200	E27
HIE-CE/S-od	100	186	76	ww	80	-	-	MASTER CityWhite CDO-ET Plus 100/828	9400	E40
HIE-CE/S-od	150	230	91	ww	80	-	-	MASTER CityWhite CDO-ET Plus 150/828	15100	E40
<b>Metal halide lamps, tubular form (CE with ceramic arc tube, only for sealed luminaires)</b>										
HIT-CE	20	105	20	ww	80	-	-	MASTERColour CDM-T 20W/830	1800	G12
HIT-CE	35	105	20	ww	80	HCI-T 35/830 WDL PB	3600	MASTERColour CDM-T 35W/830	3150	G12
HIT-CE	35	105	20	ww	90	HCI-T 35/930 WDL PB Shoplight	2800	MASTERColour CDM-T Elite 35W/930	3700	G12
HIT-CE	35	105	20	nw	90	HCI-T 35/942 NDL PB	3500	MASTERColour CDM-T 35W/942	3300	G12
HIT-CE	50	105	20	ww	90	-	-	MASTERColour CDM-T Elite 50W/930	4750	G12
HIT-CE	70	105	20	ww	80	HCI-T 70/830 WDL PB	7400	MASTERColour CDM-T 70W/830	6600	G12
HIT-CE	70	105	20	ww	90	HCI-T 70/930 WDL PB Shoplight	6300	MASTERColour CDM-T Elite 70W/930	7500	G12
HIT-CE	70	105	20	nw	90	HCI-T 70/942 NDL PB	6800	MASTERColour CDM-T 70W/942	6600	G12
HIT-CE	70	156	36	nw	90	-	-	MASTER CDM-TT 70/942	6300	E27
HIT-CE	70	128	34	ww	80	HCI-T/P 70/830 WDL PB clear	7200	-	-	E27
HIT-CE	70	128	34	nw	90	HCI-T/P 70/942 NDL PB clear	6700	-	-	E27
HIT-CE	100	105	20	ww	80	HCI-T 100/830 WDL PB	9500	MASTERColour CDM-T Elite 100W/930	11000	G12
HIT-CE	100	105	20	nw	90	HCI-T 100/942 NDL PB	9300	-	-	G12
HIT-CE	100	133	40	ww	80	HCI-T/P 100/830 WDL PB clear	9000	-	-	E27
HIT-CE	100	133	40	nw	90	HCI-T/P 100/942 NDL PB clear	8800	-	-	E27
HIT-CE	150	110	20	ww	80	HCI-T 150/830 WDL PB	15000	MASTERColour CDM-T 150W/830	14000	G12
HIT-CE	150	110	20	ww	90	-	-	MASTERColour CDM-T Elite 150W/930	15000	G12
HIT-CE	150	110	20	nw	90	HCI-T 150/942 NDL PB	14500	MASTERColour CDM-T 150W/942	12700	G12
HIT-CE	150	133	40	ww	80	HCI-T/P 150/830 WDL PB clear	14500	-	-	E27
HIT-CE	150	133	40	nw	90	HCI-T/P 150/942 NDL PB clear	14500	-	-	E27
HIT-CE	150	211	47	nw	90	-	-	MASTER CDM-TT 150/942	12000	E40
HIT-CE	250	135	25	ww	80	-	-	MASTERColour CDM-T 250W/830	23000	G12
HIT-CE	250	135	25	nw	90	-	-	MASTERColour CDM-T 250W/942	22000	G12
HIT-CE	250	175	34	ww	80	HCI-TM 250/830 WDL PB <sup>1)</sup>	26000 <sup>1)</sup>	-	-	G22
HIT-CE	250	175	34	nw	90	HCI-TM 250/942 NDL PB <sup>1)</sup>	25000 <sup>1)</sup>	-	-	G22
HIT-CE	250	226	46	ww	80	HCI-T 250/830 WDL PB <sup>1)</sup>	26000 <sup>1)</sup>	-	-	E40
HIT-CE	250	226	46	nw	90	HCI-T 250/942 NDL PB <sup>1)</sup>	25000 <sup>1)</sup>	-	-	E40

\* All luminous flux specifications relate to 25°C.

<sup>1)</sup> with ballast for high pressure sodium vapour lamps <sup>2)</sup> + 10-20% with ballast for high pressure sodium vapour lamps

Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Φ (lm)*	Philips Reference	Φ (lm)*	Socket
	W	mm	mm	≥						
HIT-CE-od	45	132	19	ww	60	-	-	MASTER CosmoWhite CPO-TW 45W/728	4725	PGZ12
HIT-CE-od	60	132	19	ww	60	-	-	MASTER CosmoWhite CPO-TW 60W/728	6800	PGZ12
HIT-CE-od	60	132	19	ww	60	-	-	MASTER CosmoWhite CPO-TW 60W//840	7000	PGZ12
HIT-CE-od	90	143	19	ww	60	-	-	MASTER CosmoWhite CPO-TW 90W/728	10450	PGZ12
HIT-CE-od	90	143	19	ww	80	-	-	MASTER CosmoWhite CPO-TW 90W/840	10350	PGZ12
HIT-CE-od	140	147	19	ww	60	-	-	MASTER CosmoWhite CPO-TW 140W/728	16500	PGZ12
HIT-CE-od	140	147	19	ww	80	-	-	MASTER CosmoWhite CPO-TW 140W/840	16100	PGZ12
HIT-CE/S-od	50	156	36	ww	80	HCI-TT 50/830 WDL PB	5350	MASTER CityWhite CDO-TT 50/828	5500	E27
HIT-CE/S-od	70	156	36	ww	90	HCI-TT 70/830 WDL PB	7200	MASTER CityWhite CDO-TT 70/828	7500	E27
HIT-CE/S-od	100	211	47	ww	80	HCI-TT 100/830 WDL PB	10600	MASTER CityWhite CDO-TT 100/828	10700	E40
HIT-CE/S-od	150	211	47	ww	80	HCI-TT 150/830 WDL PB	15700	MASTER CityWhite CDO-TT 150/828	16500	E40
HIT-CE/S-od	250	255	47	ww	80	HCI-TT 250/830 WDL PB	27700	MASTER CityWhite CDO-TT 250/830	28300	E40
HIT	70	84	25	ww	80	HQI-T 70/WDL	5300	-	-	G12
HIT	70	84	25	nw	80	HQI-T 70/NDL	5800	-	-	G12
HIT	150	84	25	ww	80	HQI-T 150/WDL	13000	-	-	G12
HIT	150	84	25	nw	80	HQI-T 150/NDL	13000	-	-	G12
HIT	250	257	47	nw	65	-	-	MASTER HPI-T PLUS 250W/645	20500 <sup>2)</sup>	E40
HIT	250	225	46	tw	90	HQI-T 250/D PRO <sup>1)</sup>	20000 <sup>1)</sup>	-	-	E40
HIT	400	275	46	nw	65	HQI-T 400/N <sup>1)</sup>	42000 <sup>1)</sup>	-	-	E40
HIT	400	286	47	nw	65	-	-	MASTER HPI-T PLUS 400W/645	32000 <sup>2)</sup>	E40
HIT	400	285	62	tw	90	HQI-BT 400/D PRO <sup>1)</sup>	35000 <sup>1)</sup>	-	-	E40
HIT	1000	382	76	nw	65	HQI-T 1000/N	110000	HPI-T 1000W/643	85000	E40
HIT	1000	382	76	tw	90	HQI-T 1000/D	85000	-	-	E40
HIT	2000	430	102	nw	65	HQI-T 2000/N/E SUPER	240000	HPI-T 2000W/646	189000	E40
HIT	2000	430	102	tw	90	HQI-T 2000/D	180000	-	-	E40
HIT-I	2000	430	100	nw	65	HQI-T 2000/N	205000	-	-	E40
HIT-I	2000	430	100	tw	90	HQI-T 2000/D/I	180000	-	-	E40

\* All luminous flux specifications relate to 25°C.

<sup>1)</sup> with ballast for high pressure sodium vapour lamps <sup>2)</sup> + 10-20% with ballast for high pressure sodium vapour lamps

Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Philips Reference	Socket		
									W	mm
<b>Metal halide lamps, double-ended (CE with ceramic arc tube, only for sealed luminaires)</b>										
HIT-DE-CE	70	120	22	ww	80	HCI-TS 70/830 WDL PB	6800	MASTERColour CDM-TD 70W/830	6500	RX 7s
HIT-DE-CE	70	120	22	nw	90	HCI-TS 70/942 NDL PB	6500	MASTERColour CDM-TD 70W/942	6000	RX 7s
HIT-DE-CE	150	138	25	ww	80	HCI-TS 150/830 WDL PB	14500	MASTERColour CDM-TD 150W/830	13250	RX 7s-24
HIT-DE-CE	150	138	25	nw	90	HCI-TS 150/942 NDL PB	14400	MASTERColour CDM-TD 150W/942	14200	RX 7s-24
HIT-DE-CE	250	163	25	ww	80	HCI-TS 250/830 WDL PB <sup>1)</sup>	25000 <sup>1)</sup>	-	-	Fc 2
HIT-DE-CE	250	163	25	nw	90	HCI-TS 250/942 NDL PB <sup>1)</sup>	25000 <sup>1)</sup>	-	-	Fc 2
HIT-DE	70	120	21	ww	70	HQI-TS 70/WDL	5100	MHW-TD 70W/730	6200	RX 7s
HIT-DE	70	120	21	nw	80	HQI-TS 70/NDL	5700	MHN-TD 70W/842	5700	RX 7s
HIT-DE	70	120	21	tw	80	HQI-TS 70/D	5500	-	-	RX 7s
HIT-DE	70	120	21	ww	80	HQI-TS 70/WDL EXCELLENCE	6200	-	-	RX 7s
HIT-DE	70	120	21	nw	80	HQI-TS 70/NDL EXCELLENCE	6500	-	-	RX 7s
HIT-DE	70	120	21	tw	80	HQI-TS 70/D EXCELLENCE	6200	-	-	RX 7s
HIT-DE	150	136	24	ww	70	HQI-TS 150/WDL	11700	MHW-TD 150W/730	13800	RX 7s-24
HIT-DE	150	136	24	nw	80	HQI-TS 150/NDL	12000	MHN-TD 150W/842	12900	RX 7s-24
HIT-DE	150	136	24	tw	90	HQI-TS 150/D	12000	-	-	RX 7s-24
HIT-DE	150	136	24	ww	80	HQI-TS 150/WDL EXCELLENCE	12000	-	-	RX 7s-24
HIT-DE	150	136	24	nw	80	HQI-TS 150/NDL EXCELLENCE	12500	-	-	RX 7s-24
HIT-DE	150	136	24	tw	90	HQI-TS 150/D EXCELLENCE	13500	-	-	RX 7s-24
HIT-DE	250	163	28	ww	80	HQI-TS 250/WDL UVS	22000	-	-	Fc2
HIT-DE	250	163	28	nw	80	HQI-TS 250/NDL UVS	20000	MHN-TD 250W/842	20000	Fc2
HIT-DE	250	163	28	tw	90	HQI-TS 250/D PRO	20000	-	-	Fc2
HIT-DE	400	206	31	nw	80	HQI-TS 400/NDL <sup>1)</sup>	36000 <sup>1)</sup>	-	-	Fc2
HIT-DE	400	206	31	tw	90	HQI-TS 400/D PRO <sup>1)</sup>	37000 <sup>1)</sup>	-	-	Fc2
HIT-DE	1000	187	36	nw	80	HQI-TS 1000/NDL/S	90000	-	-	Cable
HIT-DE	1000	187	36	tw	90	HQI-TS 1000/D/S	90000	-	-	Cable
HIT-DE	1000	294	40	nw	80	-	-	MASTER MHN-LA 1000W/842	100000	Cable
HIT-DE	1000	294	40	tw	90	-	-	MASTER MHN-LA 1000W/956	90000	Cable
HIT-DE	2000	187	36	nw	80	HQI-TS 2000/NDL/S	215000	-	-	Cable
HIT-DE	2000	187	36	tw	90	HQI-TS 2000/D/S	200000	-	-	Cable
HIT-DE	2000	364	40	nw	80	-	-	MASTER MHN-LA 2000W/842 (400V)	220000	Cable
HIT-DE	2000	364	40	tw	90	-	-	MASTER MHN-LA 2000W/956 (400V)	190000	Cable
HIT-DE 32	2000	274	32	nw	60	HQI-TS 2000/N/L	230000	-	-	Cable
HIT-DE 32	2000	274	32	tw	80	HQI-TS 2000/D/L	205000	-	-	Cable

\* All luminous flux specifications relate to 25°C.

<sup>1)</sup> with ballast for high pressure sodium vapour lamps



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	Philips Reference		Socket	
							Φ (lm)*	Φ (lm)*		
		W	mm	mm	≥					
<b>High-pressure sodium vapour lamps, ellipsoid</b>										
HSE	50	156	71	ww	20	NAV-E 50/E	3600	SON 50W/220 E	3500	E27
HSE	50	156	71	ww	20	NAV-E 50 4Y	3600	-	-	E27
HSE	50	156	71	ww	20	NAV-E 50 SUPER 4Y	4000	MASTER SON PIA Plus 50W/220	3900	E27
HSE	70	156	71	ww	20	NAV-E 70/E	5900	SON 70W/220 E	5800	E27
HSE	70	156	71	ww	20	NAV-E 70 4Y	5900	-	-	E27
HSE	70	156	71	ww	20	NAV-E 70 SUPER 4Y	6300	MASTER SON PIA Plus 70W/220	5900	E27
HSE	100	186	76	ww	20	NAV-E 100	8800	SON 100W/220 E	8500	E40
HSE	100	186	76	ww	20	-	-	MASTER SON PIA Plus 100W/220	10000	E40
HSE	150	227	91	ww	20	NAV-E 150	14500	SON 150W/220 E	14500	E40
HSE	150	227	91	ww	20	NAV-E 150 4Y	15000	MASTER SON APIA Plus Hg Free 150W	15800	E40
HSE	150	227	91	ww	20	NAV-E 150 SUPER 4Y	17000	MASTER SON APIA Plus Xtra 150W	17500	E40
HSE	150	227	91	ww	60	-	-	SON Comfort 150W/621	12500	E40
HSE	250	227	120	ww	20	NAV-E 250	27000	SON 250W/220 E	27000	E40
HSE	250	227	120	ww	20	NAV-E 250 4Y	28800	MASTER SON APIA Plus Hg Free 250W	29700	E40
HSE	250	227	120	ww	20	NAV-E 250 SUPER 4Y	31600	MASTER SON APIA Plus Xtra 250W	31300	E40
HSE	250	227	120	ww	60	-	-	SON Comfort 250W/621	22000	E40
HSE	400	290	122	ww	20	NAV-E 400	48000	SON 400W/220 E	48000	E40
HSE	400	290	122	ww	20	NAV-E 400 4Y	50000	MASTER SON PIA Hg Free 400 W	48000	E40
HSE	400	290	122	ww	20	NAV-E 400 SUPER 4Y	56500	MASTER SON APIA Plus Hg Free 400W	53600	E40
HSE	400	290	122	ww	20	-	-	MASTER SON PIA Plus Xtra 400W	55400	E40
HSE	400	290	122	ww	60	-	-	SON Comfort 400W/621	37000	E40
HSE	1000	370	165	ww	20	NAV-E 1000	128000	-	-	E40



<b>High-pressure sodium vapour lamps, tubular</b>										
HST	50	156	38	ww	20	NAV-T 50	3700	-	-	E27
HST	50	156	38	ww	20	NAV-T 50 SUPER 4Y	4400	MASTER SON-T APIA Plus Xtra 50W	4400	E27
HST	70	156	38	ww	20	NAV-T 70	6000	SON-T 70W/220	6000	E27
HST	70	156	38	ww	20	NAV-T 70 4Y	6000	MASTER SON-T APIA Plus Hg Free 70W	6300	E27
HST	70	156	38	ww	20	NAV-T 70 SUPER 4Y	6600	MASTER SON-T APIA Plus Xtra 70W	6600	E27
HST	100	211	48	ww	20	-	-	SON-T 100W/220	9000	E40
HST	100	211	48	ww	20	NAV-T 100	9000	MASTER SON-T APIA Plus Hg Free 100W	9000	E40
HST	100	211	48	ww	20	NAV-T 100 SUPER 4Y	10700	MASTER SON-T APIA Plus Xtra 100W	10700	E40
HST	150	211	48	ww	20	NAV-T 150	15000	SON-T 150W/220	15000	E40
HST	150	211	48	ww	20	NAV-T 150 4Y	15000	MASTER SON-T PIA 150W/221 Hg Free	15000	E40
HST	150	211	48	ww	20	NAV-T 150 SUPER 4Y	17500	MASTER SON-T APIA Plus Hg Free 150W	17100	E40
HST	150	211	48	ww	60	-	-	SON-T Comfort 150W/621	13000	E40
HST	250	257	48	ww	20	NAV-T 250	28000	SON-T 250W/220	28000	E40
HST	250	257	48	ww	20	NAV-T 250 4Y	28000	MASTER SON-T APIA Plus Hg Free 250W	32200	E40
HST	250	257	48	ww	20	NAV-T 250 SUPER 4Y	33200	MASTER SON-T APIA Plus Xtra 250W	33300	E40
HST	250	257	48	ww	60	-	-	SON-T Comfort 250W/621	23000	E40
HST	400	285	48	ww	20	NAV-T 400	48000	SON-T 400W/220	48000	E40
HST	400	285	48	ww	20	NAV-T 400 4Y	48000	MASTER SON-T APIA Plus Hg Free 400W	56000	E40
HST	400	285	48	ww	20	NAV-T 400 SUPER 4Y	56500	MASTER SON-T APIA Plus Xtra 400W	56000	E40
HST	400	285	48	ww	60	-	-	SON-T Comfort 400W/621	38000	E40
HST	600	285	47	ww	20	NAV-T 600 SUPER 4Y	90000	MASTER SON-T PIA Plus 600W/220	90000	E40
HST	1000	390	67	ww	20	NAV-T 1000	130000	SON-T 1000W/220	130000	E40

<b>High-pressure sodium vapour lamps (CRI with improved colour rendering)</b>										
HST-CRI	50	103	20	ww	80	-	-	MASTER SDW-TG Mini White SON 50W/825	2400	GX12-1
HST-CRI	100	110	20	ww	80	-	-	MASTER SDW-TG Mini White SON 100W/825	4900	GX12-1
HST-CRI	35	149	32	ww	80	-	-	MASTER SDW-T SON 35W/825	1300	PG12-1
HST-CRI	50	149	32	ww	80	-	-	MASTER SDW-T SON 50W/825	2300	PG12-1
HST-CRI	100	149	32	ww	80	-	-	MASTER SDW-T SON 100W/825	5000	PG12-1



<b>High-pressure sodium vapour lamps, double-ended</b>										
HST-DE	70	120	20	ww	20	NAV-TS 70 SUPER 4Y	6800	-	-	RX 7s
HST-DE	150	138	23	ww	20	NAV-TS 150 SUPER 4Y	15000	-	-	RX 7s-24
HST-DE	250	206	23	ww	20	NAV-TS 250	25500	-	-	Fc 2
HST-DE	400	206	23	ww	20	NAV-TS 400	48000	-	-	Fc 2

\* All luminous flux specifications relate to 25°C.



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference		Philips Reference		Socket		
	W	mm	mm		≥		I (cd)		I (cd)			
<b>High voltage halogen reflector lamps</b>												
QPAR 50	50	57	51	ww	100	Sylvania Hi-Spot ES 50	25°	1000	Twistline Alu 3000h	25°	1000	GU10



Lamp type	PL	L	Ø	LF	Ra	OSRAM Reference	ECG Φ (lm)*	Philips Reference	ECG Φ (lm)*	Socket
	W	mm	mm		≥					
<b>High voltage halogen lamps, double ended</b>										
QT-DE 12	120/150	115	12	ww	100	HALOLINE 64696 ECO	2300	Plusline Small 230V 150W	2250	R7s
QT-DE 12	160/200	115	12	ww	100	HALOLINE 64698 ECO	3300	Plusline Small 230V 200W	3520	R7s
QT-DE 12	230/300	115	12	ww	100	HALOLINE 64701 ECO	5000	Plusline Small 230V 300W	5600	R7s
QT-DE 12	400/500	115	12	ww	100	HALOLINE 64702 ECO	9000	Plusline Small 230V 500W	9900	R7s
QT-DE 12	750	186	12	ww	100	HALOLINE 64560	16100	Plusline Large 230V 750W	17100	R7s
QT-DE 12	1000	186	12	ww	100	HALOLINE 64740	22000	Plusline Large 230V 1000W	24200	R7s

This catalogue uses the TOC (TRILUX ORDER CODE) order number system to aid efficient order processing. All luminaire references and system components are given a seven-digit TOC number. For luminaires and gear trays for continuous lines, a further two digits are added to the five-digit base code, these indicate the type of control gear used.

## Example

Reference	TOC	...ET	...ED	...E
7403N/2xTCF36...	12 649...		...05	...04
7402N 1500-840...	61 420...	...40		

### Example for TOC use/Indoor

Luminaire reference: 7403N/2xTCF36 **E**

Complete TOC number: 12 649 **04**

Reference	TOC	...ET	...E
9811 IS-LRA/2200-840 1G1P...	65 023...	...40	
9811 IS/70HIT-CE...	59 990...		...04

### Example for TOC use/Outdoor

Luminaire reference: 9811 IS/70HIT-CE **E**

Complete TOC number: 59 990 **04**

The **E** in the luminaire reference (for electronic ballast) is found in this example with the **04** ending. We request that you only use complete seven-digit TOC numbers for the explicit reference of luminaires and system components with all orders.

## Legend for switching variants, TOC

TOC-Ending	Abbreviation	Meaning
00		Accessory
01	L	Inductive
02	K	Compensated
04	E	Electronic control gear, switchable
05	ED	Electronic control gear, dimmable (1..10V)
07	EDD	Electronic control gear, digitally dimmable (DALI)
08	EDS	Electronic control gear with sensor, dimmable
09	EK	Parallel compensated
10		Mains connection, direct
11	ESD	Electronic control gear, dimmable (DSI)
40	ET	Electronic transformer, switchable
50		Requires further components
51	ETDD	Electronic transformer, digitally dimmable (DALI)
57	ETD	Electronic transformer, dimmable (1..10V)
58	ETDS	Electronic transformer with sensor, dimmable

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All technical data including dimensional and weight specifications have been checked carefully. Errors excepted. Possible colour deviations are due to printing processes. We reserve the right to modify in the interest of progress. Luminaires are partly shown with accessories that must be ordered separately. Images of installations may show custom manufactured luminaires. Printed on PEFC-certified paper in an environmentally friendly way.

## Version

Abbreviation	Description
.../I/...	1-length version
.../II/...	2-length version
.../III/...	3-length version
...01	Colour white
...03	Colour silver-grey
...04	Chrome design
...05	Colour black
...1.5...	Cable cross-section 1.5 mm <sup>2</sup>
...2.5...	Cable cross-section 2.5 mm <sup>2</sup>
...C04...	Highly compact construction
...C05...	Compact construction
...C1...	Compact construction
...C2...	Mid-sized construction
...C3...	Large construction
...FB...	Coloured light frame, blue
...FG...	Coloured light frame, green
...FO...	Coloured light frame, orange
...FR...	Coloured light frame, red
...FY...	Coloured light frame, yellow
...G2...	2nd generation
...I2	Colour black, structured
...INOX	With V2A fixing clip
...M...	Silver-grey
...QL...	Rectangular construction, large
...QXS...	Rectangular construction, very small
...RL...	Round construction
...W...	White
...WD1...	Compact construction
...WD2...	Mid-sized construction
...WD3...	Large construction

## Application

Abbreviation	Description
...+ActiM	Master luminaire with integrated ActiLume control device and sensor unit for daylight-dependent control and presence detection
...+ActiS	Sensor luminaire with integrated ActiLume DALI expansion sensor
...+AM2	Master luminaire with integrated ActiLume 2 control device and sensor unit for daylight-dependent control and presence detection
...+E0M	Master luminaire with integrated EnOcean radio receiver
...+HFS	Master luminaire with integrated HF sensor for presence detection
...+HFSB	Master luminaire with integrated HF sensor for presence detection
...+HFSX	Expansion luminaire with integrated HF sensor for presence detection
...+L6bM	LIGHTGATE basic master luminaire with integrated controller and sensor unit. For daylight-dependent control and presence detection.
...+L6bS	LIGHTGATE basic sensor luminaire with integrated sensor unit. For daylight-dependent control and presence detection.
...+RF	Master luminaire with integrated wireless system for exchange of motion information via radio
...+S...	With integrated presence detector
...+TLM	Master luminaire with integrated Timing Light controller for circadian daylight sequences
...3P...	For fixing to 3-circuit tracks
...Act...	Colour temperature-adaptable lighting solution
...CAT2...	Suitable for VDU screens according to EN 12464

## Application





















































Abbreviation	Description
...D...	Ceiling surface-mounted
...D1...	Surface-mounted luminaire, narrow design
...D2...	Surface-mounted luminaire, wide design
...E...	Start or single module
...EB1h...	Emergency light version, with individual battery system, nominal operation time 1h
...EB3h...	Emergency light version, with individual battery system, nominal operation time 3h
...E-BL...	Start or blank single module
...GST...	Rapid connection system with Wieland GST 18i3 connection plug
...GSTT...	Rapid connection system with Wieland GST 18i3 and BST 14i2 connection plug
...H...	Suspended luminaire
...H9...	Surface-mounted ceiling rose
...IP...	Higher protection rating
...L...	Continuous line luminaire
...L20/R...	With two 230 V safety sockets, two potential equalisation bolts, Hospicall call system, one RJ45 data outlet, two blanking covers and push-button, right
...LM...	Central or end module
...LM-BL...	Central or blank end module
...S...	Free-standing luminaire
...S...	Switch
...S1...	Slidable luminaire bodies
...S1/R...	With safety socket 230 V, 16 A and rocker switch, right
...S2...	Fixed luminaire heads
...S2/R...	With safety socket 230 V, 16 A and pull-cord switch, right
...St...	Socket
...St-S...	With safety socket and switch
...TWI...	Rapid-mount luminaire incl. lamps and 3-pole ISODOM connection
...TWLi...	Rapid-mount luminaire equipped with Linect® luminaire connection system, external connection via Linect® plug connector or using conventional method
...TWW...	Rapid-mount luminaire incl. lamps and 3-pole connection plug WIELAND GST 18i3
...UR...	With switching relay for emergency power supplies
...W...	Wall luminaire
...W...	Diffuser
...W1...	Wall luminaire with room light
...W2...	Wall luminaire with room light and reading light
...W2...	Fixed luminaire head
...W3...	Wall luminaire with room, reading and night light
...W4...	Wall luminaire with room, reading, night and examination light
...WD...	Direct-indirect light distribution with shielding via primary shield
...WD-D...	Mainly direct light distribution
...ZPK...	Wedge-shaped profile frame
...ZW...	Wall bracket

## Lighting technology/optical system

Abbreviation	Description
...19...	Direct glare control in accordance with UGR $\leq$ 19, suitable for VDU workstations in accordance with EN 12464-1
...22...	Direct glare control in accordance with UGR $\leq$ 22
...25...	Direct glare control in accordance with UGR $\leq$ 25
...830...	Colour rendering index Ra > 80, colour temperature 3000 K
...840...	Colour rendering index Ra > 80, colour temperature 4000 K
...927...	Colour rendering index Ra > 90, colour temperature 2700 K
...940...	Colour rendering index Ra > 90, colour temperature 4000 K
...957...	Colour rendering index Ra > 90, colour temperature 5700 K
...A...	Asymmetric distribution
...B...	Wide distribution
...BLGS...	Binary Light Guide System
...BR...	Aluminium reflector, faceted
...CDP...	Finely prismatic structure of PMMA
...DA...	Double asymmetric distribution
...F...	PMMA diffuser, opal
...FL...	Flood
...H...	Highly specular
...HR...	Extremely narrow distribution optic (highbay optic)
...HR...	Aluminium reflector, with reflection-intensifying coated surface, highly specular
...HR-AG...	Folded reflector of reflection-intensifying MIRO-SILVER®
...HRS...	Segmented reflector, semi-specular
...LED-RGB...	With RGB LED system for decorative coloured light design
...M...	Luminaire cover of finally structured laminated safety glass
...MF...	Medium Flood
...MR...	Aluminium reflector, reflection-intensifying coating, semi-specular
...MRX...	Micro Reflector Technology
...N...	PMMA diffuser, opal, finely structured
...nw...	Neutral white light colour
...O...	Opal diffuser
...OA...	PMMA cover, opal
...OA-PC...	Polycarbonate cover, opal
...OT...	Opal diffuser, increased transmission factor
...OTA...	Cover of translucent PMMA, finely structured surface
...P(PN)...	PMMA prismatic diffuser
...PA...	PMMA prismatic cover
...PA-PC...	Polycarbonate prismatic cover
...PC...	Cover / optic of polycarbonate
...PS...	PMMA prismatic diffuser with specular aluminium reflector
...PSAN...	PMMA prismatic diffuser with specular aluminium reflector, asymmetric
...PSN...	PMMA prismatic diffuser with specular aluminium reflector, symmetric
...RAV...	Wallwasher reflector for asymmetric light distribution
...RAX...	Wallwasher for asymmetric spotlighting
...RMV...	Aluminium louvre, matt anodised, suitable for VDU workstations
...RPV...	Aluminium louvre, highly specular anodised, suitable for VDU workstations
...RPX...	Aluminium louvre, reflectivity-enhanced coating, highly specular, suitable for VDU workstations
...RPXA...	Parabolic louvre with asymmetric light distribution, highly specular
...RSV...	Aluminium louvre with concave profiled cross-blades, semi-specular
...RSX...	Aluminium louvre, reflectivity-enhanced coating, semi-specular, suitable for VDU workstations
...RSXA...	Parabolic louvre with asymmetric light distribution, semi-specular
...RT...	Rotationally symmetric narrow light distribution
...RV...	Specular optic, adjustable
...RW...	Louvre, white
...RWS...	Louvre of sheet steel, white
...RWV...	Aluminium louvre, white

Abbreviation	Description
...S...	Highly specular reflector, symmetric light distribution
...S-...	PMMA cover, clear
...S-...	Semi-specular
...SB...	Specular aluminium reflector, wide light distribution
...SL12...	Collimating optic, beam angle 12°
...SL24...	Collimating optic, beam angle 24°
...SP...	Spot
...SRS...	Segmented reflector of Miro Silver
...STB...	Specular parabolic reflector
...T...	Narrow distribution optic
...T...	Diffuser of translucent PMMA with finely structured surface
...TA...	Translucent PMMA diffuser and specular aluminium reflector, asymmetric
...TB...	Narrow-wide distribution optic
...TS...	Translucent PMMA diffuser and specular aluminium reflector, symmetric
...UXP...	Diffuser of co-extruded PMMA, transparent in centre, inner ultra-low cross-section louvre
...UXP-AD...	Workzone louvre with UXP Technology®, suitable for VDU workstations
...UXP-H...	Ultra-low cross-section louvre with UXP Technology®, highly specular, suitable for VDU workstations
...UXP-S...	Ultra-low cross-section louvre with UXP Technology®, semi-specular, suitable for VDU workstations
...WR...	White reflector
...ww...	Warm white light colour
...WW...	Wallwasher optic

## ICON EXPLANATION

 <b>Mounting method</b>	 <b>Ceiling type</b>	 <b>Light distribution</b>
 Recessed	 Plasterboard ceilings	 extremely narrow distribution
 Surface-mounted	 Exposed grids	 narrow distribution
 Semi-recessed	 Concealed grids	 narrow-wide distribution
 Wall	 Panel ceilings	 spot
 Free-standing	 Concrete ceilings	 medium spot
 Suspended		 medium
 Bracket-mounting		 medium flood
 Post-top		 flood
 Ground recessed	 <b>Construction form</b>	 wide flood
 Wire suspended	 round	 wide distribution
 Floor-standing	 rectangular	 wallwasher
 Ground surface-mounted	 square	 double asymmetric
 <b>Light colour</b>	 <b>Colour</b>	 <b>Mounting height</b>
 3000 K warm white	 red	 <b>VDU screen suitability</b>
 4000 K cool white	 green	 <b>Service life</b>
 ≥ 5000 K daylight white	 blue	 <b>Operating mode</b>
 variable	 amber	 <b>Supplementary equipment</b>
 RGB		

## Version

Abbreviation	Description
...03...	Silver-grey, similar to RAL 9006
...05...	Deep black, similar to RAL 9005
...24...	Grey-white, similar to RAL 9002
...26...	Anthracite, similar to DB 703
...27...	Anthracite, similar to DB 704
...D...	Triangular
...Q...	Square

## Application

Abbreviation	Description
...A...	Bracket-mounted luminaire with bracket
...B...	Adjustable shielding
...BK...	Anti-glare device, highly weather-resistant
...BLS...	Anti-glare lamella, rigid
...D...	Luminaire for ceiling surface-mounting
...DB...	Permissible version can be supplied for systems for German Railway applications
...DWB...	Decorative wall bracket
...E...	Underground support, bitumised
...EMB...	Corner and post fixing
...ES...	Ground stake
...FP...	With welded flange plate
...G...	Protective grid
...GH...	Housing
...GK...	Control gear box
...K...	Short bollard
...LB...	Lamella shield of galvanised sheet steel
...LR...	Luminaire with power reduction
...LRA...	Luminaire with power reduction, self-regulating
...LS...	Light column
...M...	Post-top luminaire, luminaire body for multiple arrangements, 2-way, 3-way
...M2...	Post-top luminaire, luminaire body for multiple arrangements, 2-way
...MS...	Post strap of stainless steel
...NS...	With innovative surface technology for anti-slipping, resistance to wear and water displacement
...RG...	Ribbed glass of non-laminated safety glass
...SG...	With flat cover
...Ü...	With rear door and junction box
...US...	Conversion set
...VE...	Supply unit for projector
...W...	Wall luminaire
...W-...	Diffuser
...WB...	Wall mounting
...WZ...	With built-in intelligent ignition management system for instant hot re-ignition of the lamp after mains interruptions
...ZB...	Cylinder shield of galvanised sheet steel
...ZR...	Accessory frame of die-cast aluminium

## Lighting technology/optical system

Abbreviation	Description
...AB...	Specular optic, asymmetric wide light distribution
...AM...	Specular optic, asymmetric medium-wide light distribution
...AN...	Specular optic, asymmetric, near field
...AS...	Aluminium louvre, asymmetric light distribution
...AT...	Aluminium louvre, asymmetric narrow light distribution
...D...	With one light emission aperture
...DI...	With two light emission apertures
...FÜR...	With special optic for lighting pedestrian crossings
...IA...	Secondary optic with asymmetric wide light distribution
...IS...	Secondary optic with rotationally symmetric wide light distribution
...L...	With upper light emission
...LA...	With asymmetric distribution lamella optic
...LED-B...	With blue LED
...LED-G...	With green LED
...LED-R...	With red LED
...LED-RGB...	With RGB LED system for coloured light design
...LED-W...	With white LED
...LO...	With rotationally symmetric distribution lamella optic
...nw...	Neutral white light colour
...R...	Specular optic, extremely wide light distribution
...RB...	Specular optic, rotationally symmetric wide light distribution
...RBS...	Specular optic, rotationally symmetric wide light distribution, pivotable
...RE...	Specular optic, rotationally symmetric narrow light distribution
...RES...	Specular optic, rotationally symmetric narrow light distribution, pivotable
...RMS...	Specular optic, rotationally symmetric medium-wide light distribution, pivotable
...RT...	Specular optic, rotationally symmetric narrow light distribution
...S...	Specular optic of highly specular anodised aluminium
...SA...	Specular optic, asymmetric light distribution
...SB...	Specular optic, symmetric wide light distribution
...SE...	Specular optic, symmetric narrow light distribution
...SM...	Specular optic, symmetric medium-wide light distribution
...T...	Translucent diffuser
...T...	Reflector, narrow light distribution
...TW...nw	Lamps with 4000 K colour temperature included in scope of supply
...TW...ww	Lamps with 3000 K colour temperature included in scope of supply
...ww...	Warm white light colour
...ZO...	Cylinder optic, rotationally symmetric light distribution

