



MOBILE LIGHT

Wherever you need it!

Valid from June 2025



Welcome to SONLUX

SONLUX Lighting GmbH is a lighting manufacturer based in Sondershausen/Thuringia. Lights and plastic components are manufactured on a company site of over 100,000 m² and a production area of approx. 25,000 m².

Since the company was re-established in 1992 by the shareholder of RZB Rudolf Zimmermann, Bamberg GmbH, the acquired factory components have been continuously expanded with innovative development and manufacturing technologies to create a progressive production facility.

Today, around 150 employees manufacture mobile lights and customised solutions for professional users as well as plastic components for OEM customers.



The RZB Group

The RZB Group includes RZB Rudolf Zimmermann, Bamberg GmbH, headquartered in Bamberg, and the independent sister company SONLUX Lighting GmbH in Sondershausen.

As a multi-specialist for lighting solutions, RZB has been a byword for highly efficient products and excellent lighting quality 'Made in Germany' for over 85 years. As an internationally active family business, RZB offers continuity, sustainability and long-term partnerships.

For the implementation, production and presentation of product ideas, the Bamberg site has a state-of-the-art, constantly expanding machine park, its own certified test laboratories, around 3,000 m² of showroom space and its own event centre. Today, well over 700 dedicated employees help to ensure customer satisfaction and high quality standards.



Made in Germany

This means: regional development, regional production at the Sondershausen site. Thanks to short communication channels and the expertise of our specialists, we realise individual customer requirements on time and in a solution-oriented manner. In this way, we guarantee reliable functionality, durability and tested safety.

- Tested quality from Germany, certified according to DIN EN ISO 9001:2015
- Our lights are reliable, durable and sustainable
- Short delivery times with high adherence to delivery dates thanks to our own logistics centre and integrated SAP system
- Manufacturer's guarantee of up to 5 years on all SONLUX luminaires

Excellent environmental management

SONLUX produces sustainably. Our products are durable, environmentally friendly and resource-saving. In addition to the continuous development of our product portfolio, our growth concept centres on the continuous improvement of operational environmental protection. The corporate areas of environmental protection, labour and human rights, sustainable procurement and corporate ethics are monitored and evaluated annually by the EcoVadis rating agency.

By introducing the EMAS (Eco-Management and Audit Scheme) environmental management system at the Bamberg and Sondershausen sites, we have created stable environmental processes within the company that are regularly monitored and further developed. Furthermore, an environmental programme with targets has been drawn up, which contributes to the continuous improvement of our environmental performance.



After Sales Service

Your satisfaction is our goal. Our team is ready to help you personally, quickly and easily with all your concerns: from support with questions about installation and commissioning to spare parts, repairs, warranty and maintenance, you can rely on our expertise and satisfactory solutions. We are here for you!





Lighting for every application

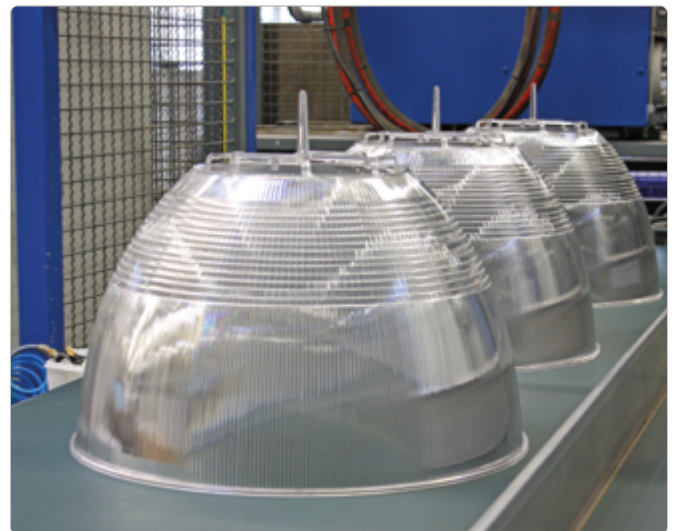
SONLUX luminaires are used wherever mobile or stationary illumination of a high standard is required, e.g. for:

- Industry, construction, trade, agriculture, aviation
- Police, fire brigade, rescue services, armed forces
- Sports events
- Events, film and theatre

Customised products | OEM

SONLUX also designs and produces customised lighting systems according to your requirements and intended use. These can be mounting systems for our existing range of luminaires or completely new developments, such as special lighting solutions for aircraft construction, wind turbines or road pavers.

As a recognised Original Equipment Manufacturer (OEM), we manufacture components and products for well-known industrial and commercial companies. The production and finishing of plastics, in particular the highly automated processing of thermoplastics, plays a central role in this. From large-format products manufactured using the vacuum thermoforming process to multi-colour pad printing - SONLUX manufactures your individual requirements from small quantities to series production.

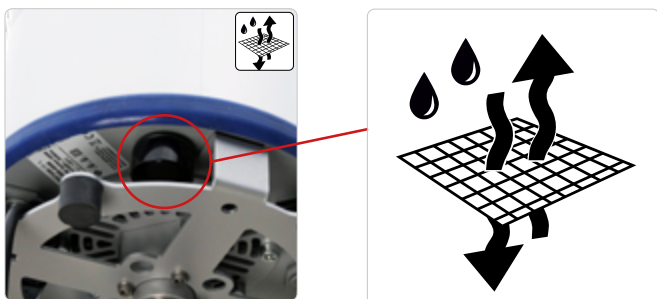


Own development

Our research and development department, including the Group's own VDE-certified laboratory, designs and realises product ideas according to your individual requirements.

- Design department for products and work aids
- Processing of customer-specific orders (OEM)
- VDE-recognised electrical test laboratory
- Determination of photometric measurement data in our own light laboratory
- Preparation of declarations of conformity



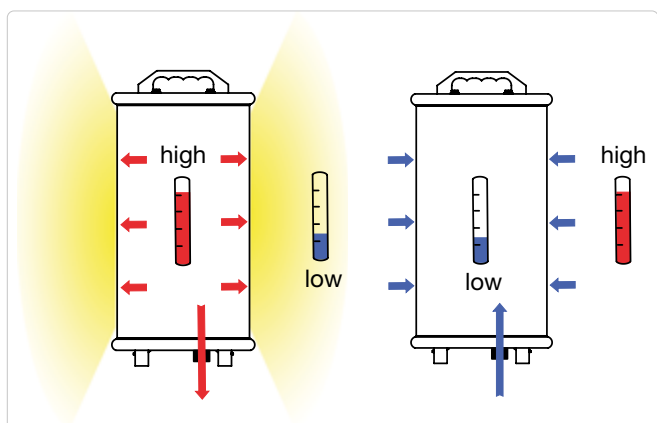


Pressure compensation valve in the light

Moisture or condensation and electricity do not go together. This repeatedly leads to failures in lights and other electrical devices. Because where there is water, there is an increased risk of short circuits and thus the failure of electrical equipment.

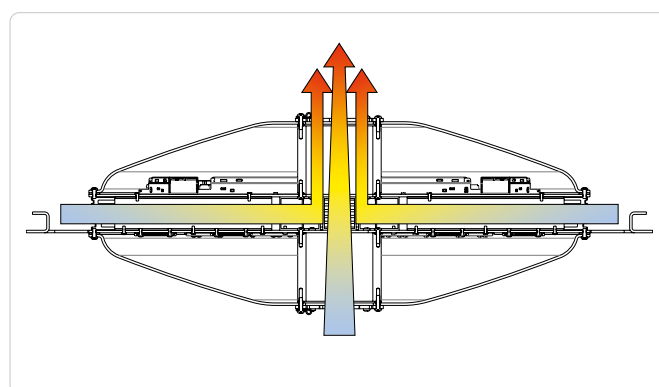
It is not enough to seal luminaires as hermetically as possible to protect their electrical components from moisture and dirt. Particularly outdoors, different pressures build up in the sealed luminaire housing due to changing temperatures and other environmental influences. This constant pressure change can lead to damage to housings and seals, allowing moisture and contamination to penetrate.

Our own pressure equalisation valve with patented filter technology, developed in-house at SONLUX, enables rapid pressure equalisation thanks to its high air flow rate, especially with large-volume luminaires. In combination with our filter technology, it prevents the ingress of foreign bodies and the formation of condensation inside the luminaire, as well as the resulting damage to electrical components.



Passive cooling

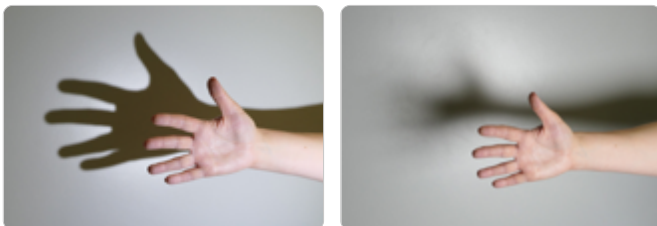
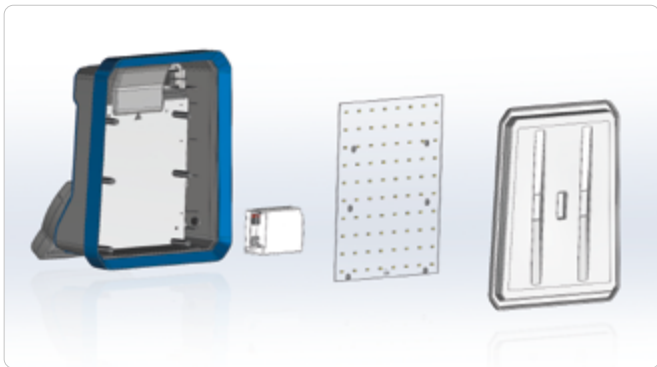
SONLUX luminaires have an advanced heat management system. Inside the luminaires, the heat is dissipated to the outside via an aluminium body. This means that no active cooler is required and the luminaires are completely maintenance-free. This also means that they can be put into operation immediately and stowed away conveniently straight after work.



Limited surface temperature

The D mark is used to identify luminaires with a limited surface temperature that are certified in accordance with EN 60598-2-24 and meet the requirements profile for luminaires for operating sites with a fire hazard. SONLUX luminaires are tested and suitable for use in such premises.





⊕ Lighting technology

The full-surface LED panel and the specially developed opal diffuser disc made of impact-resistant and non-yellowing polycarbonate ensure glare-reduced light. Hard shadows or multiple shadows are avoided and the work area is illuminated evenly and homogeneously.

⊕ Impact and break-proof construction

The impact-resistant and break-proof 2-component housing with edge protection and handle made of soft, thermoplastic elastomer (TPE), our lights are ideal for versatile and challenging applications.

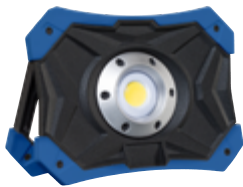
This robust design guarantees a high level of reliability and durability – even under demanding operating conditions.



⊕ High protection class

SONLUX luminaires are protected against the ingress of water and foreign bodies and against external influences. This is how we guarantee the longevity and maximum performance of our products with optimum light quality.

COMPACT LIGHTS



17 GLADIATOR Pocket



21 GLADIATOR mini



27 GLADIATOR II
GLADIATOR II Accu



35 GLADIATOR SL I
GLADIATOR SL II
GLADIATOR SL I Accu
GLADIATOR SL I B18V



NEW

55 AKIRUS



59 SPARTACUS

TUBE LIGHTS



NEW

67 Tube lights Fixed | Mobile
72 Tube lights Emergency light
74 Tube lights Basic
76 Tube lights Chain

HAND LAMPS



141 **SteckGo**
147 ACHILLES mini
ACHILLES MC maxi

HAND LAMPS



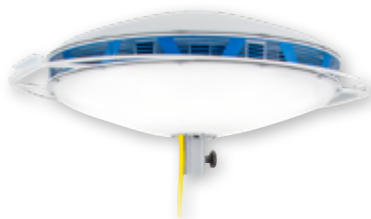
NEW

153 Suprabeam

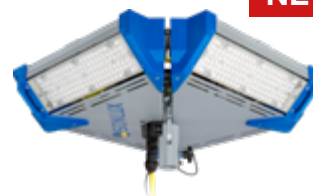
LARGE AREA LIGHTING



85 POWERTUBE II
POWERTUBE II SC

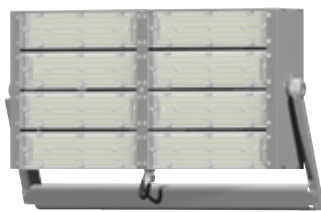


97 POWERDISK
POWERDISK SC



NEW

109 POWERCASE M
POWERCASE L
POWERCASE L SC



123 THORIX II



131 THORIX II Flex

TRIPODS



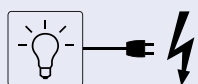
46 94 104 120 136

ACCESSORIES



46 GLADIATOR
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80 Tube lights
94 POWERTUBE II
104 POWERDISK
120 POWERCASE
129 THORIX II
136 THORIX II Flex

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and delivery
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230 V 110 V 42 V 24 V

MAINS OPERATION



GLADIATOR mini

21 3.400 lm



POWERTUBE II S / M / L

85 11.000 - 50.000 lm



GLADIATOR II

27 4.700 lm



POWERDISK

97 57.000 lm



GLADIATOR SL I / II

35 4.000 / 8.000 lm



NEW

POWERCASE M / L

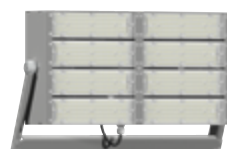
109 59.000 / 102.200 lm



NEW

AKIRUS

55 5.000 lm



THORIX II

123 24.000 - 150.000 lm



SPARTACUS

59 4.100 lm



THORIX II Flex

131 24.000 / 35.000 lm



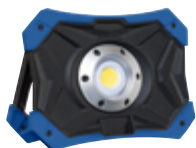
NEW

Tube lights

67 1.600 - 8.000 lm



OPERATION WITH INTEGRATED BATTERY



GLADIATOR Pocket

17	1.000 lm	≤ 10 h
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SteckGo

141	≤ 15 lm	≤ 2,5 h
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GLADIATOR II Accu

32	3.300 lm	≤ 9,5 h
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ACHILLES

147	≤ 350 lm	≤ 3 h
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GLADIATOR SL I Accu

40	4.000 lm	≤ 10 h
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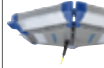


SUPRABEAM








153	6 - 4.200 lm	≤ 600 h
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GLADIATOR SL I B18V

42	4.000 lm	≤ 30 h
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			Φ	P			
	SteckGO	141	15 lm	0,2 W	5 V DC	IP 44	
	ACHILLES	147	50 - 350 lm		3,7 V	IP 20	
	GLADIATOR Pocket	17	1.000 lm	10 W	5 V	IP 54	
	GLADIATOR mini	21	3.400 lm	27 W	230 V	≤ IP 65	
	GLADIATOR II	27	4.700 lm	33 W	230, 42, 24, 12 V	≤ IP 66	
	GLADIATOR II Accu	32	3.300 / 1.600 lm	24 W	230 / 16,8 V	IP 54	
	GLADIATOR SL I	39	4.000 lm	40 W	230 V	≤ IP 66	
	GLADIATOR SL II	39	8.000 lm	75 W	230 V	≤ IP 66	
	GLADIATOR SL I Accu	40	4.000 lm	29 / 36 W	230 V	IP 66	
	GLADIATOR SL I B18V	42	4.000 lm	29 W	18 V	IP 20	
	AKIRUS	55	5.000 lm	30 W	230 V	IP 65	
	SPARTACUS	59	4.000 lm	25 W	230, 110, 42, 24 V	≤ IP 65	
	Tube lights	67	1.600 - 8.000 lm	12 - 56 W	230, 42, 24 V	≤ IP 67	
	POWERTUBE II	85	11.000 - 50.000 lm	84 - 377 W	230 V	IP 65	
	POWERDISK	97	57.000 lm	380 W	230 V	IP 65	
	POWERCASE M	112	59.000 lm	376 W	230 V	IP 65	
	POWERCASE L	114	102.200 lm	775 W	230 V	IP 65	
	THORIX II	123	24.000 - 150.000 lm	180 - 1.115 W	230, 400 V	≤ IP 66	
	THORIX II Flex	131	24.000 - 35.000 lm	180 - 265 W	230 V	IP 66	

								Warranty (years)	Spare parts service
			USB		≤ 2,5 h			3	
			USB		≤ 3 h	✓		3	
	IK05		USB		≤ 10 h	OFF 25 50 100 %		3	
	IK08	0 - 2	E, F, J, K, CEE, Car					5	✓
	IK08	0 - 3	E, F, C, J, CEE, Car	✓				5	✓
	IK08		C		5 / 10 h	2-stage		5	✓
	IK08	0 / 2	F, E					5	✓
	IK08	0 / 2	F, E					5	✓
	IK07		E+F		≤ 10 h	5-stage		5	✓
	IK08				≤ 30 h	5-stage		5	✓
	IK06		E+F					3	✓
	IK07	0 - 2	E, F, J, CEE					5	✓
	IK08	0 / 1	E, F, J, CEE	✓				5	✓
	IK08		E+F, J			✓	✓	5	✓
	IK10		E+F, J, CEE			✓	✓	5	✓
	IK08		E+F, J, CEE			✓		5	✓
	IK08		E+F, J, CEE			✓	✓	5	✓
	IK08							5	✓
	IK08		E+F			✓		5	✓

Compact lights





GLADIATOR Pocket

17



GLADIATOR mini

21



GLADIATOR II
GLADIATOR II Accu

27



GLADIATOR SL I
GLADIATOR SL II
GLADIATOR SL I Accu
GLADIATOR SL I B18 V

35



NEW

AKIRUS

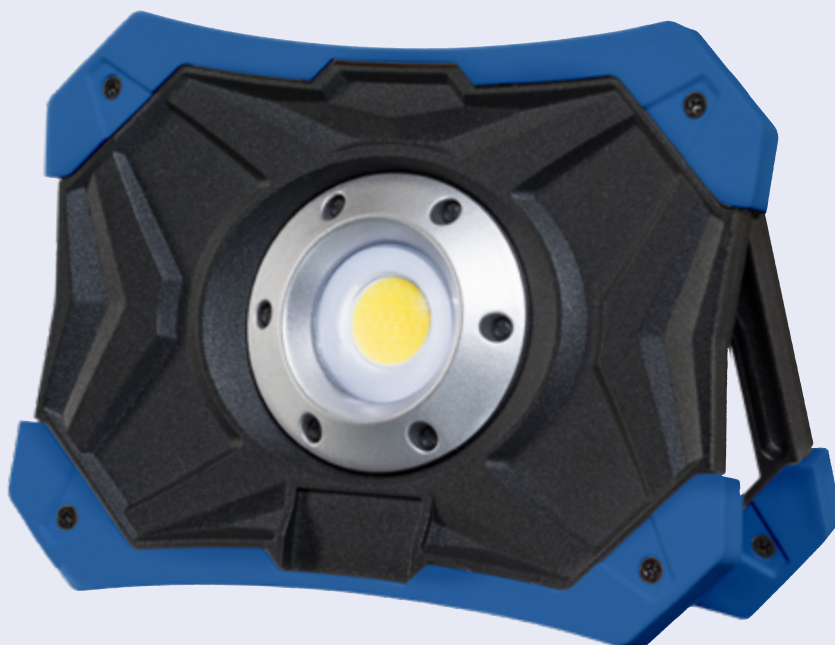
55



SPARTACUS

59





GLADIATOR Pocket

Mobile battery light

The GLADIATOR Pocket mobile rechargeable LED light is extremely robust and handy. It is an ideal aid for the most demanding tasks.



- High-quality Li-ion battery (4.400 mAh)
- Up to 10 hours of universally usable working light
- The light can be operated at three levels (OFF | 25 % | 50 % | 100 %) using the ON/OFF switch
- Charge status display and power bank function, micro USB charging cable included
- Practical, handy and high performance, ideal for when you're out and about

Features



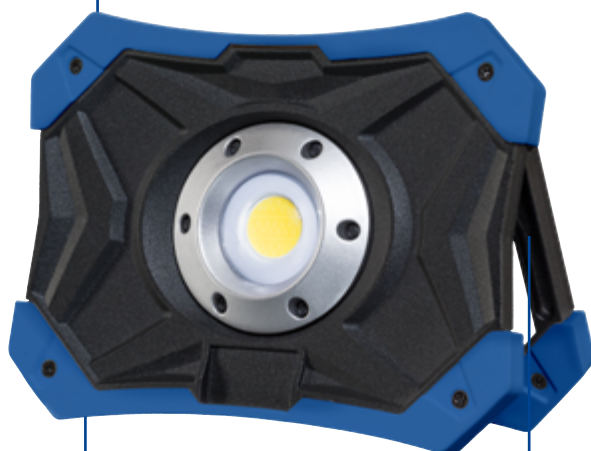
Powerbank function



Li-Ion
4.400 mAh, 3,7 V DC

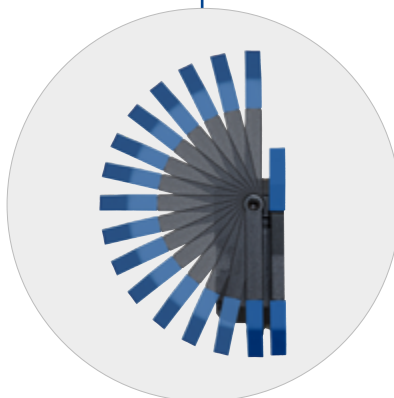


ON/OFF (OFF | 25 | 50 | 100%)
switch and charge status display

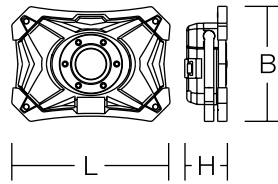


Charging cable USB

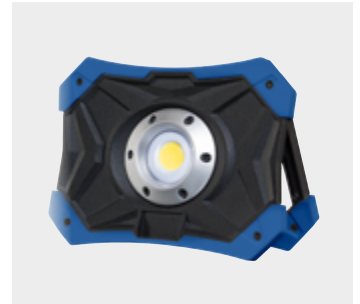
Adjustable positioning



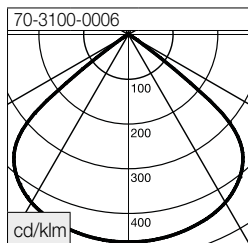
Battery-operated LED spotlight with highly efficient COB LED, 3-way switch, robust aluminium die-cast housing with soft edge guard made of thermoplastic elastomer, with adjustable bracket, charge status display and Powerbank-function, charging cable included (USB-A/USB-Micro-B).



L 171, B 125, H 44 mm



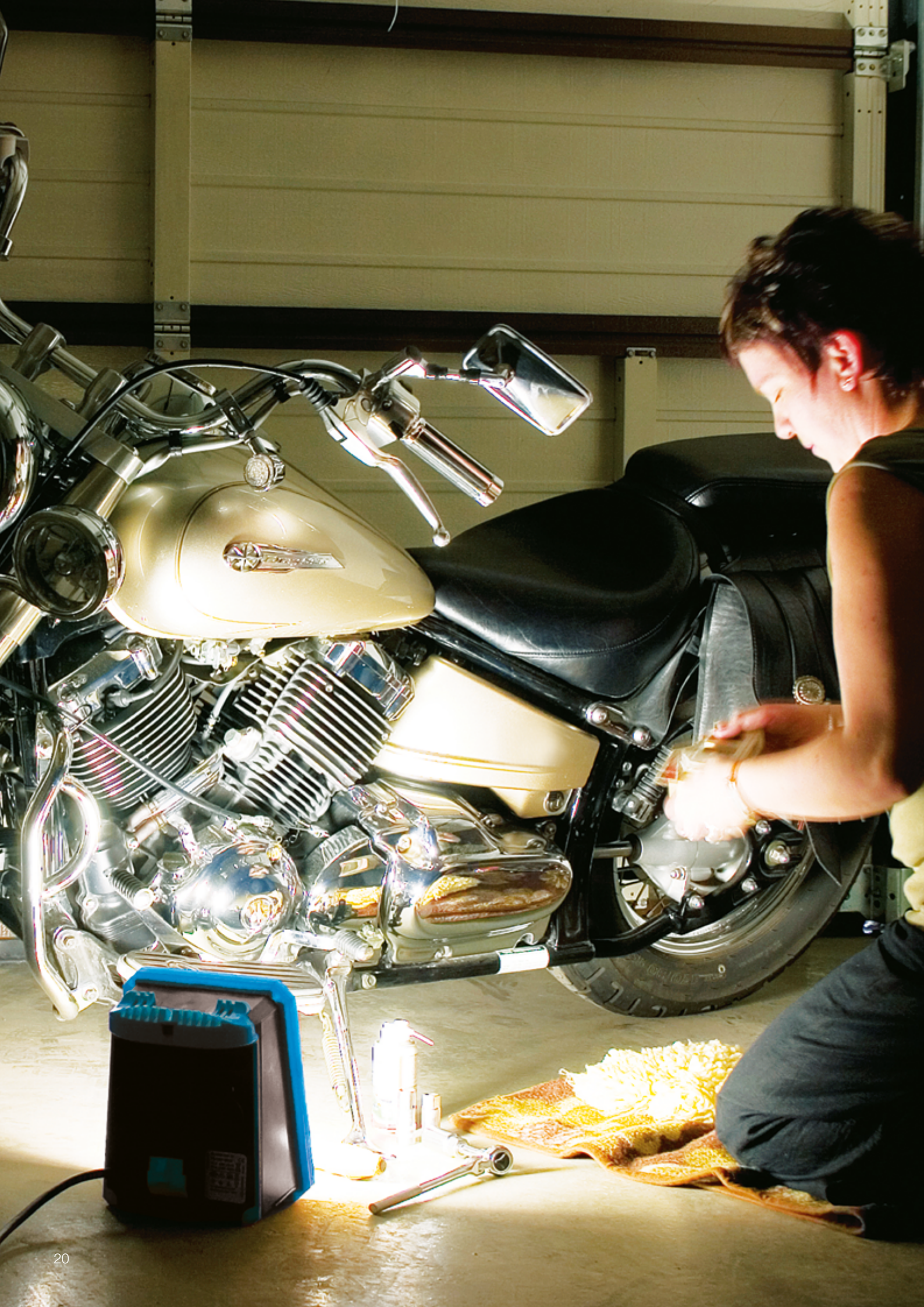
	Φ	P						
70-3100-0006	1.000 lm	10 W	5 V DC	USB	OFF 25 50 100%	III	IP 54	0,7 kg

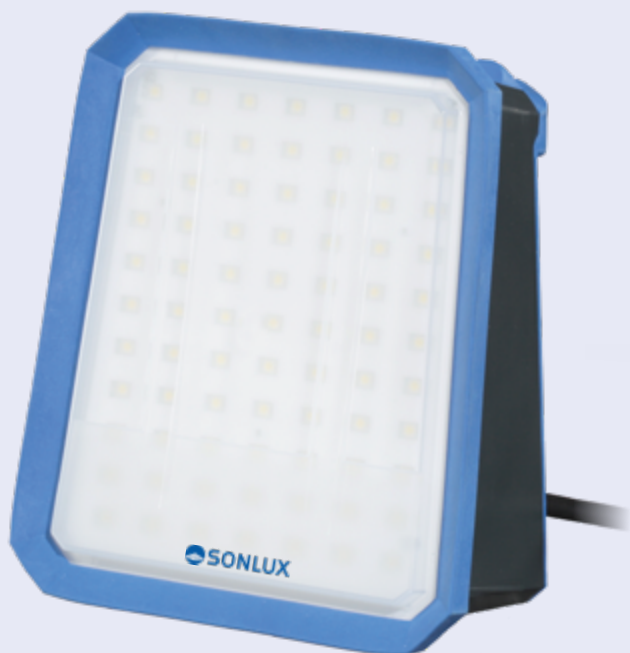


h (m)	Ø (m)	E (lx)
1	2.47	413
2	4.95	103
3	7.42	46
4	9.89	26
5	12.37	17

	6.500 K, $R_a \geq 80$ COB LED
	Li-Ion, 4.400 mAh, 3,7 V DC
	≤ 10 h
	IK05
	Powerbank-funktion







GLADIATOR mini

Mobile light

Compact, lightweight, multifunctional - all the features of our mobile light series are combined here in the smallest of spaces - ideal for professionals and DIY enthusiasts.



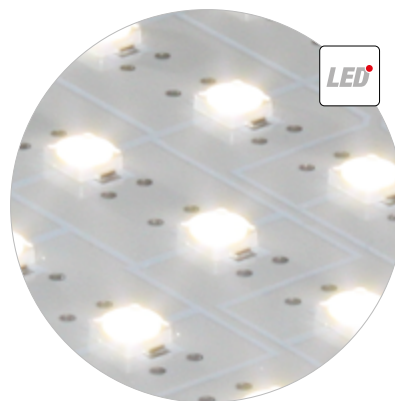
- Impact-resistant and break-proof 2-component compact housing
- High type of protection, optional up to IP 65
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard or multiple shadows
- Available with 2 socket outlets and switch
- Cable storage facility on housing
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

GLADIATOR mini

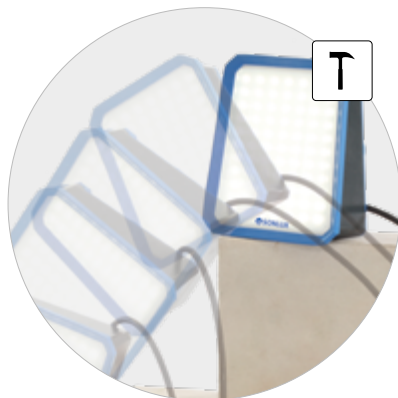
Features



Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



LED panel with high-efficiency-SMD-LEDs

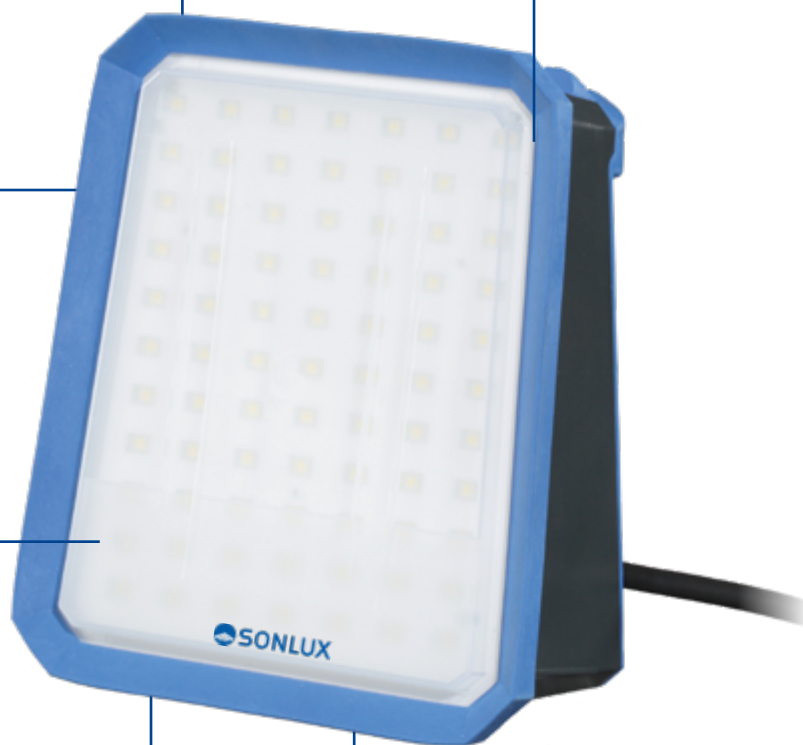


Impact-resistant and break-proof 2-component housing with edge protection and handle made of soft thermoplastic elastomer (TPE)

Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate



High degree of protection up to IP 65



Environmentally friendly and conserves resources thanks to replaceable components



Pressure equalisation valve to prevent condensation forming in the luminaire

Ergonomically placed ON/OFF switch

Optional up to 2 socket outlets and switch



Integrated handle

Cable storage facility on housing



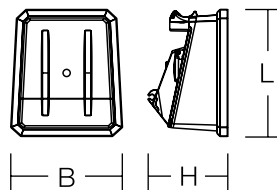
Alternative plug-in systems and supply cable lengths on request
Wide range of accessories



46



Housing plastic anthracite/blue (polycarbonate, edge guard made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), 2,5 or 5 m power supply cable with mains plug.



L 250, B 215, H 155 mm



	Φ	P							
230 V, 50-60 Hz									
79-0L000-0006	3.400 lm	27 W	-	E+F	-	II	IP 54	2,5 m	1,4 kg
79-0L200-0006	3.400 lm	27 W	2	F	O/I	I	IP 54	2,5 m	1,7 kg
79-0L001-0006	3.400 lm	27 W	-	E+F ⁶⁸	-	II	IP 65	5,0 m	2,1 kg
79-0L0CH-0006	3.400 lm	27 W	-	J	-	II	IP 54	2,5 m	1,5 kg
79-0L2DK-0006	3.400 lm	27 W	2	K	O/I	I	IP 54	2,5 m	1,8 kg
79-0L2B0-0006	3.400 lm	27 W	2	E	O/I	I	IP 54	2,5 m	1,8 kg



5.000 K, $R_a \geq 80$

..... LED panel

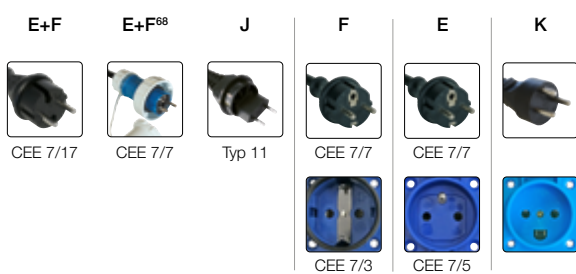
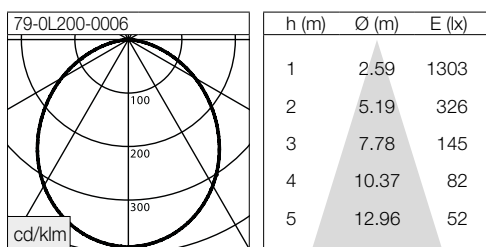


H07RN-F

..... black



..... IK08



Overview of plug-in systems see page 167.



GLADIATOR II Accu



GLADIATOR II

Mobile light



The GLADIATOR II is more than just a light - it is a durable partner in demanding environments. With its robust housing, which is both waterproof and dustproof, it defies external influences with serenity. Thanks to the practical sockets on the back of the housing, it can not only be used as a light source, but also as a distributor for other devices. This means you don't need a cable reel and have everything to hand. The versatility of the GLADIATOR II is complemented by a wide range of accessories that considerably extend its use on construction sites, in the trades, in industry or by emergency services. The mains-independent version with integrated rechargeable battery provides even greater mobility. This not only gives you flexibility in terms of positioning, but also makes you independent of power sources - ideal for use in places where a conventional power supply is not available.

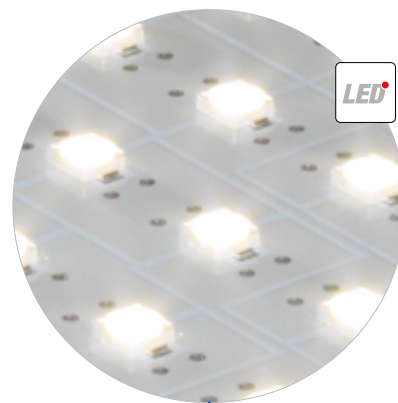
- Impact-resistant and break-proof 2-component compact housing
- High type of protection, optional up to IP 66
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard or multiple shadows
- Optionally available with 3 sockets and switch
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

GLADIATOR II

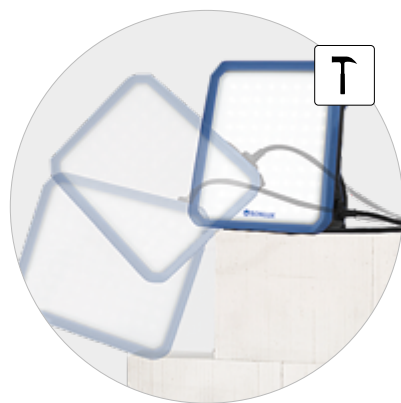
Features



Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



LED panel with high-efficiency-SMD-LEDs



Impact-resistant and break-proof 2-component housing with edge protection and handle made of soft thermoplastic elastomer (TPE)

Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate



High degree of protection up to IP 65



Environmentally friendly and conserves resources thanks to replaceable components



Ergonomically placed next to handle
ON/OFF switch placed next to handle

Optional up to 3 socket outlets



Integrated handle

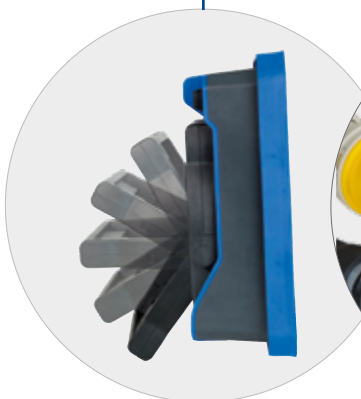


Emergency lighting function at 42 V

Direction of light adjustable with bracket

Alternative plug-in systems and supply cable lengths on request

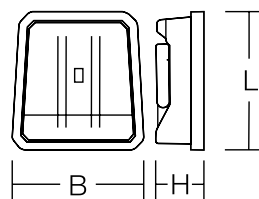
Wide range of accessories



+ 48



Housing plastic anthracite/blue (polycarbonate, edge guard made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 5 m power supply cable with mains plug.



L 320, B 305, H 110 mm



230 V, 50-60 Hz

88-0L000-0006	4.700 lm	33 W	-	E+F	-	II	IP 66	2,2 kg
88-0L300-0006	4.700 lm	33 W	3	F	O/I	I	IP 54	2,8 kg
88-0L001-0006	4.700 lm	33 W	-	E+F ⁶⁸	-	II	IP 66	2,5 kg
88-0L101-0006	4.700 lm	33 W	1	F ⁶⁸	O/I	I	IP 65	2,9 kg
88-0L0CH-0006	4.700 lm	33 W	-	J	-	II	IP 66	2,2 kg
88-0L3B0-0006	4.700 lm	33 W	3	E	O/I	I	IP 54	2,8 kg

42 V, 50-60 Hz

88-6L060-0006	4.700 lm	35 W	-	CEE 42	-	III	IP 66	2,5 kg	
88-6L160-0006	4.700 lm	35 W	1	CEE 42	O/I	III	IP 44	2,6 kg	
88-6N060-0006	3.800 lm	37 W	-	CEE 42	✓	III	IP 66	2,8 kg	
88-6N160-0006	3.800 lm	37 W	1	CEE 42	✓	O/I	III	IP 44	2,9 kg

24 V, 50-60 Hz

88-5L050-0006	4.700 lm	35 W	-	CEE 24	-	III	IP 66	2,5 kg
88-5L150-0006	4.700 lm	35 W	1	CEE 24	O/I	III	IP 44	2,6 kg

12 V / 0 Hz

88-4L040-0006	2.450 lm	23 W	-	Car	O/I	III	IP 65	2,3 kg
---------------	----------	------	---	-----	-----	-----	-------	--------



5.000 K, R_a ≥ 80

..... LED panel



5 m, H07RN-F

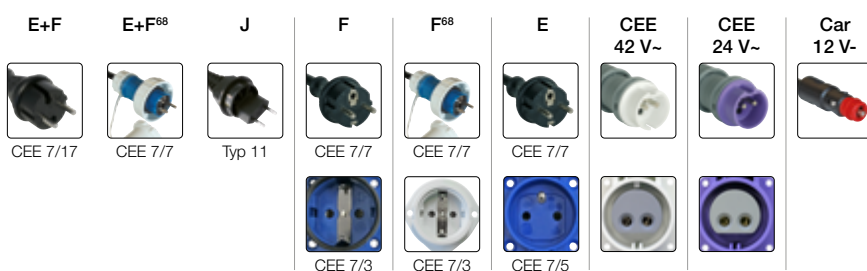
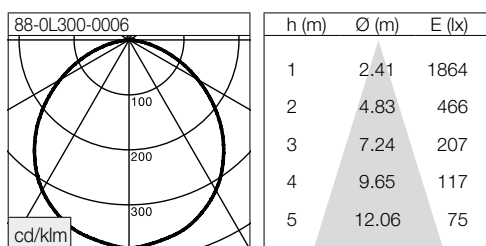
..... black



..... IK08



..... 410 lm, 3 x 60 min



Overview of plug-in systems see page 167.



GLADIATOR II Accu

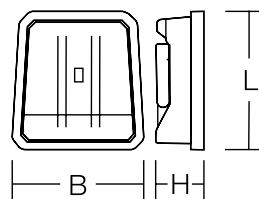
Mobile battery light



The model version GLADIATOR II Accu enlarges - literally! - the application radius of this luminaire series. Equipped with a high-quality Li-Ion battery, the cordless version provides up to **10 hours** of best LED working light that can be regulated as needed. GLADIATOR II Accu is also an advantage for demanding activities, as it does not require an additional power supply, yet offers a long operating time, is convenient to transport and easy to position in hard-to-reach places.

- High-quality Li-Ion battery
- Up to **10 hours** of homogeneous, universally usable working light
- 2-stage switch (50 %, 100 %)
- Capacity indicator (0 - 100 %)
- Avoiding hard or multiple shadows
- Wide light beam and anti-glare illumination thanks to opal cover
- Impact-resistant and break-proof 2-component compact housing
- Environmentally friendly and conserves resources thanks to replaceable components

Housing plastic anthracite/blue (polycarbonate, edge guard made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 2-step switch (50 %, 100 %), capacity display (0 - 100 %), incl. charger.



L 320, B 305, H 110 mm



	Φ	P						
88-ALL42-0006.1A	3.300 lm	24 W	1)	O/I/II	III	IP 54	WEIPU	2,5 kg
88-ALL42-0006	3.300 lm	24 W	2)	O/I/II	III	IP 54	WEIPU	2,7 kg

Charger	OUT	I_{OUT}	OUT	IN	IN	
1) 95-9008-0001	16,8 V DC	1 A	WEIPU	230 V, 50-60 Hz	C	8,5 h
2) 95-9007-0001.AA	16,8 V DC	3 A	WEIPU	230 V, 50-60 Hz	C	3,0 h

5.000 K, $R_a \geq 80$
..... LED panel

Li-Ion, 98 Wh
..... 6,6 Ah, 14,8 V DC

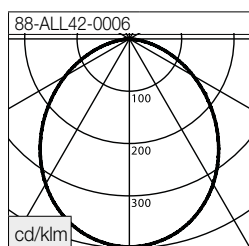
5 h (3.300 lm)
..... 10 h (1.600 lm)

..... IK08

1)



2)



h (m)	\varnothing (m)	E (lx)
1	2.42	1325
2	4.84	331
3	7.26	147
4	9.67	83
5	12.09	53

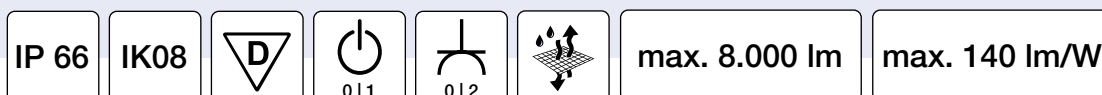
C



CEE 7/16

Overview of plug-in systems see page 167.





GLADIATOR SL I / II

Mobile lights



Two all-rounders that are ideal for pleasant working and whose design and functionality have been honoured with the 'German Design Award'. Compact and lightweight with a luminous flux of 4,000 lumens and a larger, but still handy, version with 8,000 lm. The robust housing offers perfect protection against mechanical stress and, with its double seal, against the ingress of water and dirt. Sockets on the rear make additional power distributors unnecessary.

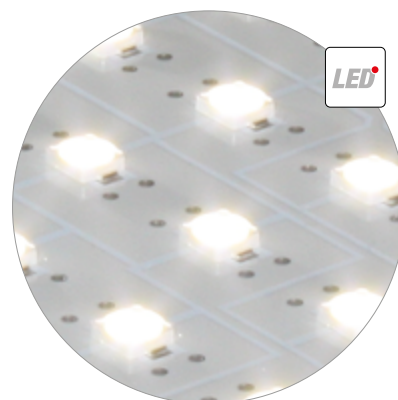
- Impact-resistant and break-proof 2-component housing
- High type of protection up to IP 66
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard shadows or multiple shadows
- Optionally 2 socket outlets and switch
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

GLADIATOR SL

Features



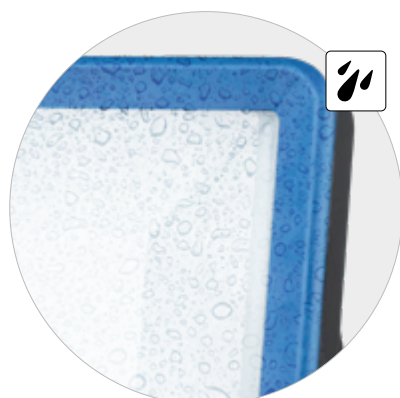
Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



LED panel with high efficiency SMD-LEDs

Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate

Impact-resistant and break-proof 2-component housing with edge protection and handle made of soft thermoplastic elastomer (TPE)



High degree of protection up to IP 65

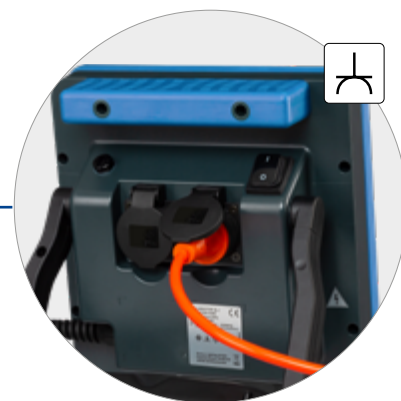


Environmentally friendly and conserves resources thanks to replaceable components



Pressure equalisation valve to prevent condensation forming in the luminaire

Optionally up to 2 sockets



Ergonomically placed ON/OFF switch



Multi-stage adjustable lighting direction by bracket



Bracket with integrated M8 threaded sockets for easy mounting to an extensive range of accessories

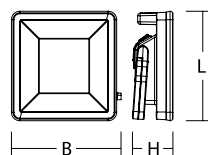


+ 50



GLADIATOR SL I

Housing plastic anthracite/blue (polycarbonate, front edge protection and handle made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 5 m power supply cable with mains plug.

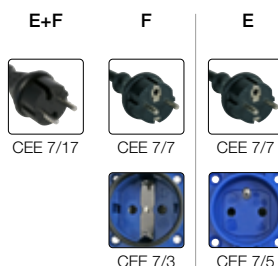
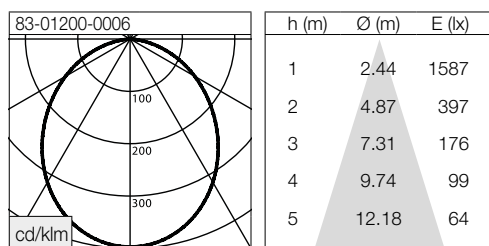


L 283, B 272, H 104 mm



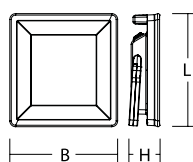
	Φ	P						
230 V, 50/60 Hz								
83-01000-0006	4.000 lm	40 W	-	E+F	-	II	IP 66	2,3 kg
83-01200-0006	4.000 lm	40 W	2	F	O/I	I	IP 54	2,7 kg
83-012B0-0006	4.000 lm	40 W	2	E	O/I	I	IP 44	2,7 kg

	5.000 K, $R_a \geq 80$
	LED panel
	5 m, H07RN-F
	black
	IK08



GLADIATOR SL II

Housing plastic anthracite/blue (polycarbonate, front edge protection and handle made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 5 m power supply cable with mains plug.

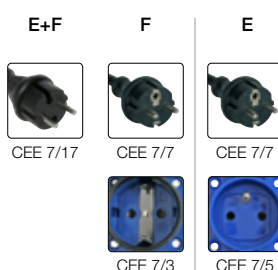
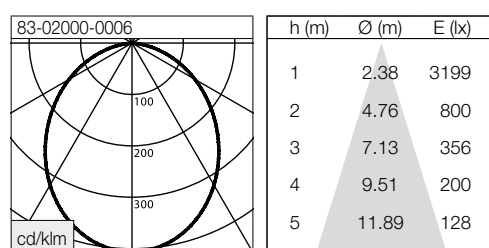


L 388, B 370, H 104 mm

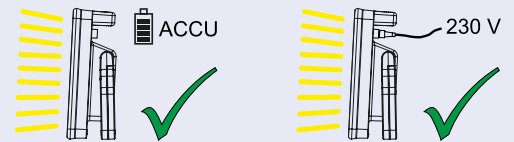


	Φ	P						
230 V, 50/60 Hz								
83-02000-0006	8.000 lm	75 W	-	E+F	-	II	IP 66	3,5 kg
83-02200-0006	8.000 lm	75 W	2	F	O/I	I	IP 54	3,9 kg
83-022B0-0006	8.000 lm	75 W	2	E	O/I	I	IP 44	3,9 kg

	5.000 K, $R_a \geq 80$
	LED panel
	5 m, H07RN-F
	black
	IK08



Overview of plug-in systems see page 167.



GLADIATOR SL I Accu

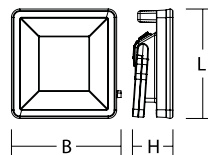
Mobile hybrid battery light

The GLADIATOR SL I Accu with its integrated, modern Li-Ion battery provides for mains-independent freedom. The luminaire, which can be dimmed in five stages, can provide the best LED working light for up to **10 hours**. Should the battery be exhausted, it is possible to operate the luminaire the battery at the same time with the available charging cable.



- High-quality Li-Ion battery
- Up to **10 hours** of homogeneous, universally usable working light
- Unrestricted mains operation possible in charging mode
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard shadows or multiple shadows
- High degree of protection IP 66
- Phosphorescent user interface that glows in the dark
- Environmentally friendly and conserves resources thanks to replaceable components

Housing plastic anthracite/blue (polycarbonate, front edge protection and handle made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 5-stage switchable, with capacity and runtime display, 5 m power supply cable with mains plug, incl. charger.



L 283, B 272, H 104 mm



230 V, 50/60 Hz

83-A1043-0006

4.000 lm

18 V DC

✓

O/I

III

IP 66

2,4 kg



AC adapter/charger

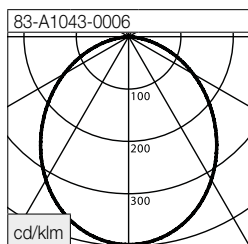
18 V DC

2,0 A

100-240 V,
50/60 Hz

E+F

5 h



h (m)	Ø (m)	E (lx)
1	2.44	1587
2	4.87	397
3	7.31	176
4	9.74	99
5	12.18	64



5.000 K, Ra ≥ 80

LED panel



29 W



max. 36 W



Li-Ion, 38 Wh

2,6 Ah, 14,8 V DC



≤ 10 h



IK07



5% | 10%

20% | 50% | 100%

Overview of plug-in systems see page 167.

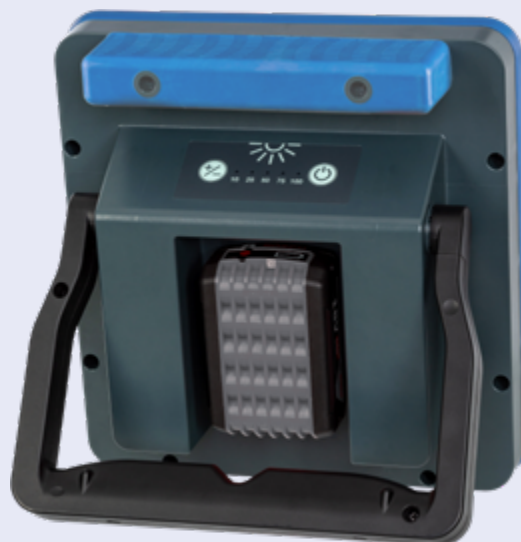


Phosphorescent user interface that glows in the dark

Phosphorescent, luminescent in the dark
luminescent user interface



Made in
GERMANY



Powered by

BOSCH
MAKITA
MILWAUKEE



GLADIATOR SL I B18V

Powerful battery light



As powerful as ever and more universal than ever before: the latest 'power pack' GLADIATOR SL I B18V from SONLUX with professional Bosch rechargeable battery power is once again considered exemplary when it comes to illuminating harsh working environments. By connecting the Professional 18 V rechargeable battery system from Bosch, which is already used in a large number of professional tools, we are making our latest innovation not only more mobile, but also free from the need to search for a power supply.

- Compatible with Bosch Professional batteries from the GBA-ProCORE18V series
- Interface battery adapters enable the use of 18 V Makita batteries and 18 V Milwaukee batteries
- Up to 30 hours of homogeneous, universally usable working light
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard shadows or multiple shadows
- Impact-resistant and break-proof 2-component housing
- Visual signalling when battery capacity is low
- Environmentally friendly and conserves resources thanks to replaceable components

PROFESSIONAL 18V SYSTEM POWERED BY BOSCH



Powered by



BOSCH



GBA 18 V / 2.0 Ah
from 1,1 to 12 hours



GBA 18 V / 4.0 Ah
from 2,2 to 24 hours



GBA 18 V / 5.0 Ah
from 2,7 to 30 hours



GBA 18 V / 4.0 Ah ProCORE18V
from 2,2 to 24 hours



GBA 18 V / 8.0 Ah ProCORE18V
from 4,3 to 48 hours



GBA 18 V / 12.0 Ah ProCORE18V
from 6,7 to 72 hours

**NUMEROUS BATTERIES.
A LOT OF APPLICATIONS.
ONE SINGLE LUMINAIRE.**

ACCU ADAPTER

YOUR ADVANTAGES



BOSCH-MAKITA

The interface battery adapter enables the use of 18 V Makita batteries and 18 V Milwaukee batteries on the compact GLADIATOR SL I B18V light.

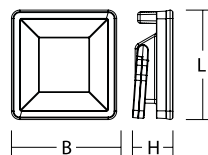
With the use of the adapter, existing rechargeable batteries can be used. This saves costs and simplifies tooling.



BOSCH-MILWAUKEE



Housing plastic anthracite/blue (polycarbonate, front edge protection and handle made of soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 5-stage switchable, with display indicating light level and low battery signal.



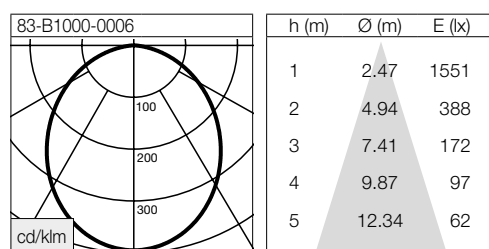
L 283, B 272, H 104 mm



		Φ	P							
	18 V, 0 Hz									
1	83-B1000-0006	4.000 lm	29 W	-	-	✓	III	IP 20	1,6 kg	
2	83-B1000-0006.MA	4.000 lm	29 W	-	-	✓	III	IP 20	1,7 kg	
3	83-B1000-0006.MI	4.000 lm	29 W	-	-	✓	III	IP 20	1,7 kg	

Accessories		
1) Makita	95-BOMA-0001	118 g
2) Milwaukee	95-BOMI-0001	118 g

	5.000 K, R _a ≥ 80 LED panel
	Li-Ion, (Bosch) 5 Ah, 18 V DC
	≤ 30 h
	IK08
	10% 25% 50% 75% 100%

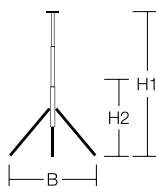


Accessories

Tripod-Set for GLADIATOR mini

Tripod "Standard", 3-part
tripod, steel, galvanised, set
with mounting adapter, load capacity 10 kg

Packed dimensions:
L 1.020, B 175, H 155 mm



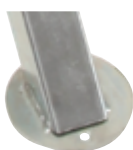
With castors (one with brake))

H1 2.600, H2 1.050, B 850 mm



Without castors

H1 2.550, H2 1.000, B 850 mm






1		95-0105-0001	Tripod "Standard", without castors, incl. adapter for work lights "GLADIATOR mini"	6,2 kg
2		95-0106-0001	Tripod "Standard", with castors, incl. adapter for work lights "GLADIATOR mini"	7,3 kg
3		95-0107-0001	Tripod "Standard", without castors, incl. adapter for work lights "GLADIATOR mini"	6,9 kg
4		95-0108-0001	Tripod "Standard", with castors, incl. adapter for work lights "GLADIATOR mini"	8,0 kg



Delivery without work lights

Luminaire bracket




For tripod mounting, steel, powder-coated, anthracite metallic

	95-0022-0022	 L 196, B 60, H 88 mm	 0,23 kg
--	--------------	--	---



U-stand adapter for luminaire bracket




With luminaire bracket for tripod attachment; steel, powder-coated, anthracite metallic, with screws

	95-0024-0022	 L 110, B 40, H 82 mm	 0,24 kg
--	--------------	--	---



Female spigots 30 mm




With luminaire bracket for fixing on existing tripod with spigot conforming to DIN 14640, steel, powder-coated, anthracite metallic

	95-0023-0022	 L 85, B 70, H 118 mm	 0,27 kg
--	--------------	--	---



Spigot 30 mm

Conforming to DIN 14640, steel, powder-coated, anthracite metallic, with screws

	95-0017-0022	 L 100, B 40, H 57 mm	 0,34 kg
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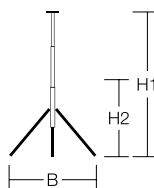


Accessories

Tripod-Set for GLADIATOR II

Tripod "Standard",
3-part tripod, steel galvanised,
set with mounting rail, load capacity 10 kg

Packed dimensions:
L 1.020, B 175, H 155 mm



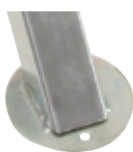
With castors (one with brake)

↔ H1 2.600, H2 1.050, B 850 mm



Without castors

↔ H1 2.550, H2 1.000, B 850 mm



1		95-0008-0001	Tripod "Standard" without castors, Mounting rail for 1 work light "GLADIATOR II"	6,0 kg
2		95-0009-0001	Tripod "Standard" with castors, Mounting rail for 1 work light "GLADIATOR II"	7,1 kg
3		95-0005-0001	Tripod "Standard" without castors, Mounting rail for 2 work lights "GLADIATOR II"	7,1 kg
4		95-0006-0001	Tripod "Standard" with castors, Mounting rail for 2 work lights "GLADIATOR II"	8,2 kg






Delivery without work lights




Mounting rail

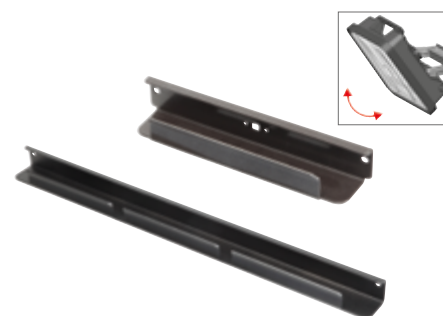
Steel, powder-coated, anthracite metallic,
for tripod or wall mounting

1 work light

5		90-0005-0022.1	 L 215, B 51, H 37 mm	 0,3 kg
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

2 work lights

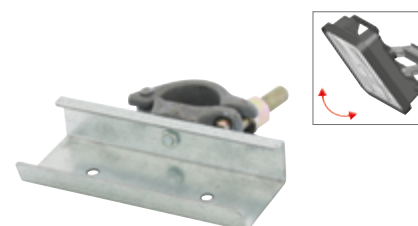
6		90-0004-0022	 L 599, B 51, H 39 mm	 1,5 kg
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Fixing device for scaffolding




With mounting rail for 1 work light for use on scaffolding, suitable for
tube diameters from 45 to 51 mm, steel, galvanised

7		95-0021-0014	 L 185, B 170, H 45 mm	 0,9 kg
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Magnetic holder, double


For attachment of 1 or 2 work lights, 3 rubberised magnets,
steel, powder-coated, anthracite metallic;
Holding force per magnet: 250 N, shear force per magnet: 85 N

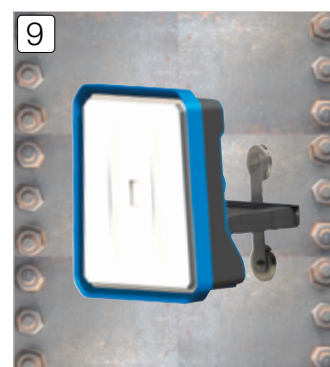
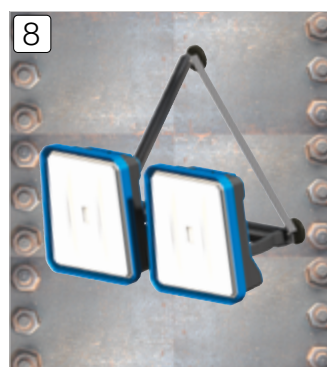
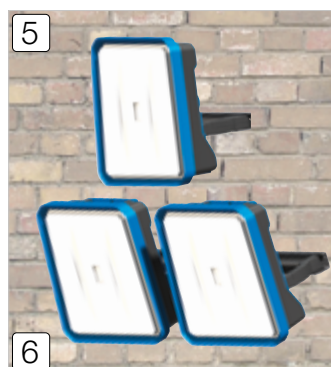
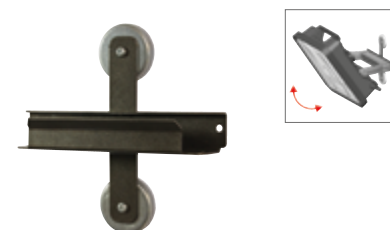
8		95-0007-0022	 L 650, B 70, H 440 mm	 2,9 kg
---	---	--------------	---	--



Magnetic holder, single

For attachment of 1 work light, 2 magnets, steel,
powder-coated, anthracite metallic;
Holding force per magnet: 230 N

9		95-0013-0022.2	 L 215, B 65, H 205 mm	 0,7 kg
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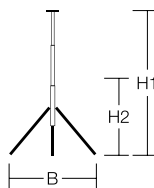
Delivery without work lights

Accessories

Tripod-Set for GLADIATOR SL

Tripod "Standard",
3-part tripod, steel galvanised,
set with mounting rail, load capacity 10 kg

Packed dimensions:
L 1.020, B 175, H 155 mm



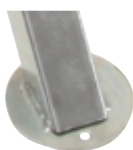
With castors (one with brake)

↔ H1 2.600, H2 1.050, B 850 mm



Without castors

↔ H1 2.550, H2 1.000, B 850 mm



1	95-0170-0001	Tripod "Standard" without castors, Mounting rail for 1 work light "GLADIATOR SL I / II"	6,0 kg
2	95-0171-0001	Tripod "Standard" with castors, Mounting rail for 1 work light "GLADIATOR SL I / II"	7,1 kg
3	95-0172-0001	Tripod "Standard" without castors, Mounting rail for 2 work lights "GLADIATOR SL I / II"	7,1 kg
4	95-0173-0001	Tripod "Standard" with castors, Mounting rail for 2 work lights "GLADIATOR SL I / II"	8,2 kg






Delivery without work lights




Mounting rail for GLADIATOR SL I / II

Steel, powder-coated, black,
for tripod or wall mounting

1 work light

5		95-0268-0001	 L 385, B 55, H 43	 0,6 kg
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2 work lights

6		95-0269-0001	 L 935, B 55, H 43	 1,5 kg
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Multi-adapter for DIN spigot

For connecting a GLADIATOR SL, or up to three GLADIATOR SLs in
conjunction with a double mounting rail, to a stand with DIN spigot
30 mm (DIN 14640)

7		95-0310-0022	 L 178, B 70, H 50	 0,3 kg
---	---	--------------	---	--




Magnetic holder for GLADIATOR SL

2 magnets for mounting on handle; rubberized



Magnetic holder for GLADIATOR SL I

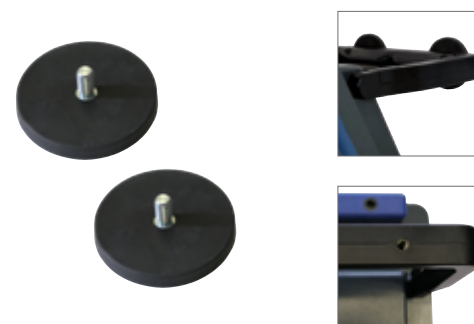
Holding force per magnet: 250 N, shear force per magnet: 85 N

8		95-0270-0001	D 65, M8x15	 0,2 kg
---	---	--------------	-------------	--

Magnetic holder for GLADIATOR SL II




Holding force per magnet: 550 N, shear force per magnet: 140 N

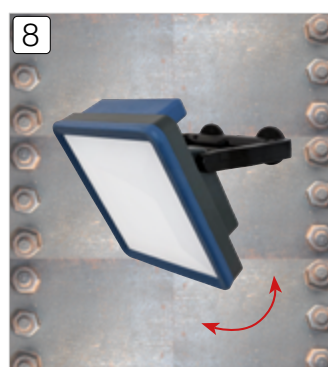
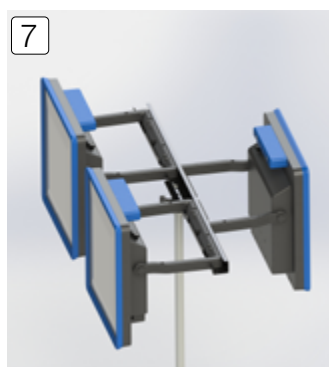
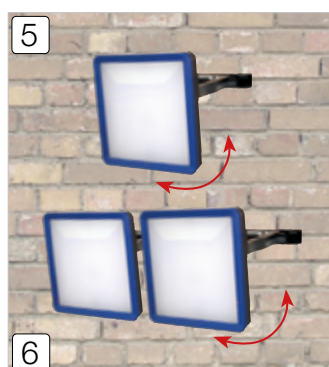
8		95-0277-0001	D 88, M8x15	 0,39 kg
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Bag for work light GLADIATOR SL

Sturdy truck tarpaulin, blue, reinforced bottom, separate compartment
for supply cable, shoulder strap suitable for all work lights series

	95-0290-0006	 L 420, B 120, H 330	 0,85 kg
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Delivery without work lights

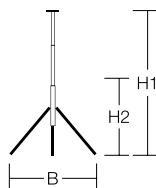
Accessories

Tripod "Standard"

3-part tripod, steel galvanised,
load capacity 30 kg

Packed dimensions:
L 1020, B 175, H 155 mm

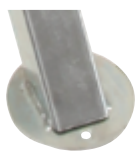
With castors (one with brake)



95-0004-0001	H1 2.600, H2 1.050, B 850 mm	6,7 kg
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Without castors

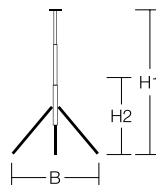
95-0003-0001	H1 2.550, H2 1.000, B 850 mm	5,6 kg
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Tripod "Profi"

3-part extendable, one adjustable stand to compensate
uneven terrain, built-in level for horizontal installation,
steel galvanised, load capacity 10 kg

Packed dimensions:
L 1.230, B 150, H 150 mm

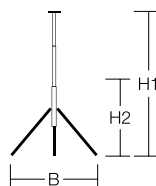


95-0061-0001	H1 3.200, H2 1.250, B 1.000-1.600 mm	7,1 kg
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Set Tripod "Profi"

The set includes:
Tripod "Profi",
tripod adapter

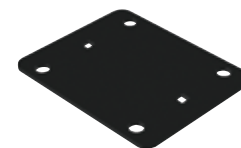



95-0061-0001.D	H1 3.200, H2 1.250, B 1.000-1.600 mm	7,5 kg
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Mounting plate

For 2 mounting rails; steel, powder-coated, anthracite metallic






 95-0059-0022	 L 146, B 126, H 47 mm	 0,2 kg
---	---	--

Multi-adapter for DIN spigot

For attachment of a mounting rail on existing tripod with spigot conforming to DIN 14640, steel, powder-coated, anthracite metallic






 95-0310-0022	 L 178, B 70, H 50	 0,3 kg
---	---	--

Bag for work light GLADIATOR

Sturdy truck tarpaulin, blue, reinforced bottom, separate compartment for supply cable, shoulder strap suitable for all work lights series

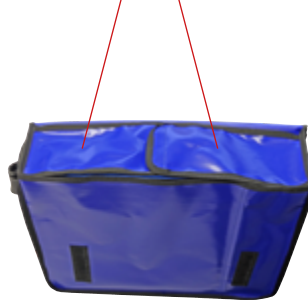


 95-0290-0006	 L 420, B 120, H 330 mm	 0,85 kg
---	--	---

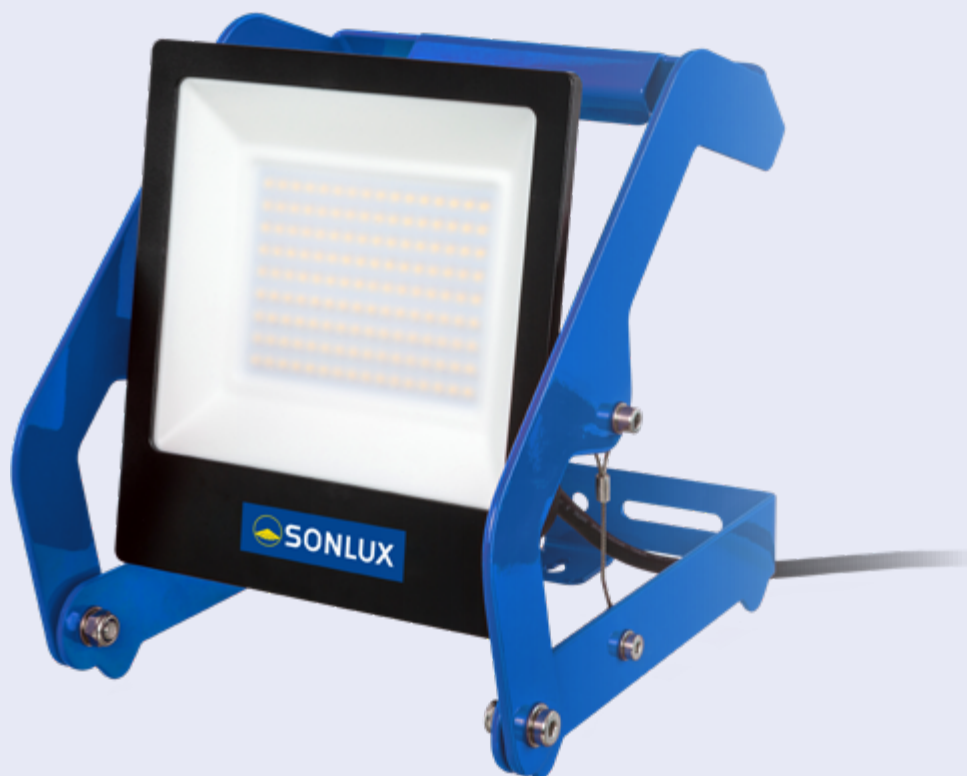
Light compartment

Compartment for charger or supply cable

Protective cover







IP 65

IK06



5.000 lm

170 lm/W

AKIRUS

Mobile spotlight

Sometimes it's the simplicity that leads to success. Take a lightweight yet robust, foldable aluminium frame. The combination with a high-performance LED module leads to the actual goal: a mobile, compact and efficient LED spotlight. With 5,000 lumens, the AKIRUS is as bright as a 500-watt halogen spotlight, with only 6 % of the energy consumption. With a 3 m long supply cable, adjustable light direction and housing protected against dust and water jets, it cuts a fine figure on any construction site. As well as being used standing on the ground, the spotlight can also be used suspended or on a tripod.

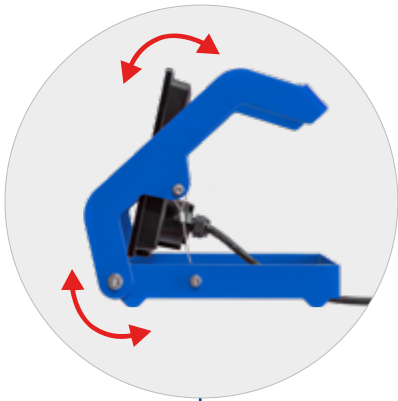
- Powder-coated aluminium frame withstands even the toughest conditions
- Wide-angle and glare-reduced light thanks to opal cover
- Flexible illumination thanks to swivelling light direction
- High degree of protection up to IP 65
- Tool-free supply line replacement
- Tripod connection possible



Features



Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



Swivelling light emission



High degree of protection IP 65

Integrated opening for easy suspension

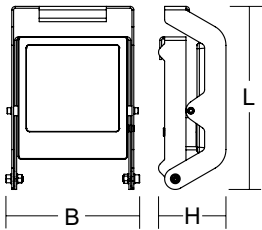
Tripod connection possible



Bayonet lock for simple and tool-free cable change



Mobile LED spotlight with a swivelling housing made of black, impact-resistant polycarbonate with integrated pressure equalisation valve, an opalised diffuser and a powder-coated aluminium frame, incl. 3 m H07RN-F supply cable.

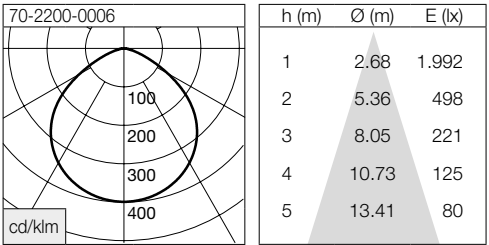


L 300, B 215, H 110 mm



	Φ	P					
230 V, 50-60 Hz							
70-2200-0006	5.000 lm	30 W	-	E+F	II	IP 65	1,4 kg

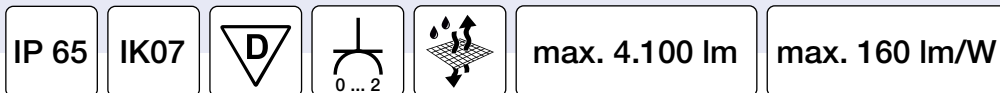
	5.000 K, $R_a \geq 80$ LED panel
	3 m, H07RN-F black
	IK06



Overview of plug-in systems see page 167.







SPARTACUS

Mobile dome luminaire

The pendant mounted SPARTACUS dome luminaire which can be used to create a chain of light is ideally suited for providing light for construction sites, industrial plants, shipyards or the like.

- Quick mounting by integrated hook
- Impact-resistant and break-proof 2-component compact housing
- Wide beam and glare-reduced light thanks to opal cover
- Avoiding hard or multiple shadows
- Optional up to 2 socket outlets
- Can be used as stand-up or pendant luminaire
- High degree of protection up to IP 65
- Environmentally friendly and conserves resources thanks to replaceable components



SPARTACUS

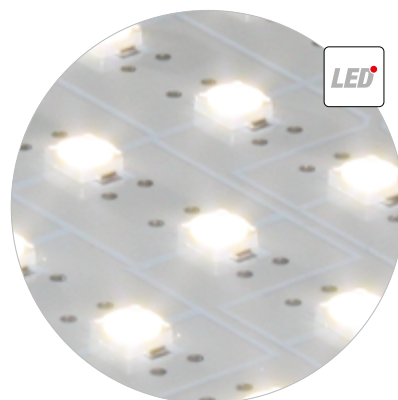
Features



Folding hook made of stainless steel with locking device



Impact-resistant and break-proof 2-component housing with edge protection of soft thermoplastic elastomer (TPE)



LED panel with
high efficiency
SMD-LEDs

High degree of protection IP 65



Glare-reduced light thanks to opal
cover lens made of impact-resistant
and non-yellowing polycarbonate





Pressure equalisation valve to prevent condensation forming in the luminaire

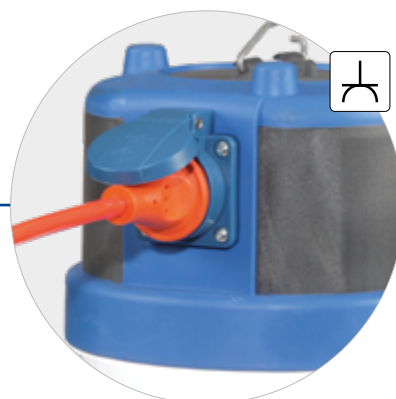


Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard

Environmentally friendly and conserves resources thanks to replaceable components



Available with 1, 2 or without sockets available



Different connector systems and longer power supply cable on request

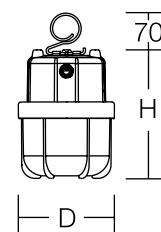
Wide range of accessories



63



Housing plastic (polycarbonate, edge guard made of soft thermoplastic elastomer TPE), cover plastic opal (polycarbonate), retractable stainless steel mounting hook with safeguard, second cable entry optional (through-wiring option), 5 m power supply cable with mains plug.



D 185, H 230 mm



5.000 K, $R_a \geq 80$

..... LED panel



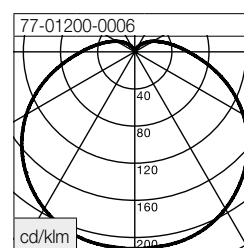
5 m, H07RN-F

..... black

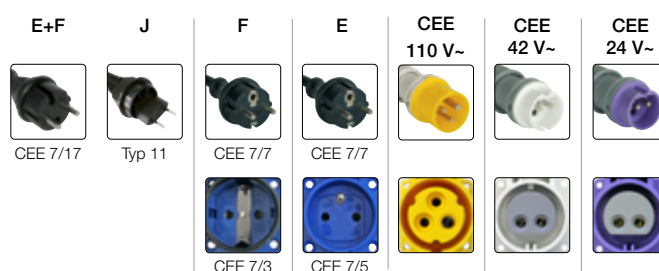


..... IK07

	Φ	P						
230 V, 50-60 Hz								
77-01000-0006	4.000 lm	25 W	-	E+F	II	IP 65	1,5 kg	
77-01100-0006	4.000 lm	25 W	1	F	I	IP 54	1,9 kg	
77-01200-0006	4.000 lm	25 W	2	F	I	IP 54	2,0 kg	
77-010CH-0006	4.000 lm	25 W	-	J	II	IP 65	1,5 kg	
77-011B0-0006	4.000 lm	25 W	1	E	I	IP 54	1,9 kg	
77-012B0-0006	4.000 lm	25 W	2	E	I	IP 54	2,0 kg	
110 V, 0/50-60 Hz								
77-71070-0006	4.100 lm	26 W	-	CEE 110	I	IP 65	1,8 kg	
77-71170-0006	4.100 lm	26 W	1	CEE 110	I	IP 44	1,9 kg	
77-71270-0006	4.100 lm	26 W	2	CEE 110	I	IP 44	2,0 kg	
42 V, 50-60 Hz								
77-61060-0006	4.100 lm	26 W	-	CEE 42	III	IP 65	1,8 kg	
77-61160-0006	4.100 lm	26 W	1	CEE 42	III	IP 44	1,9 kg	
77-61260-0006	4.100 lm	26 W	2	CEE 42	III	IP 44	2,0 kg	
24 V, 50-60 Hz								
77-51050-0006	4.100 lm	26 W	-	CEE 24	III	IP 65	1,8 kg	
77-51150-0006	4.100 lm	26 W	1	CEE 24	III	IP 44	1,9 kg	
77-51250-0006	4.100 lm	26 W	2	CEE 24	III	IP 44	2,0 kg	



	h (m)	Ø (m)	E (lx)
1	5.23		880
2	10.46		220
3	15.69		98
4	20.93		55
5	26.16		35




Overview of plug-in systems see page 167.

Handle

For carrying or mounting on accessories



 95-0080-0001

 0,28 kg

Handle with cable reel

For carrying or mounting on accessories



 95-0081-0001

 0,41 kg

Magnetic holder

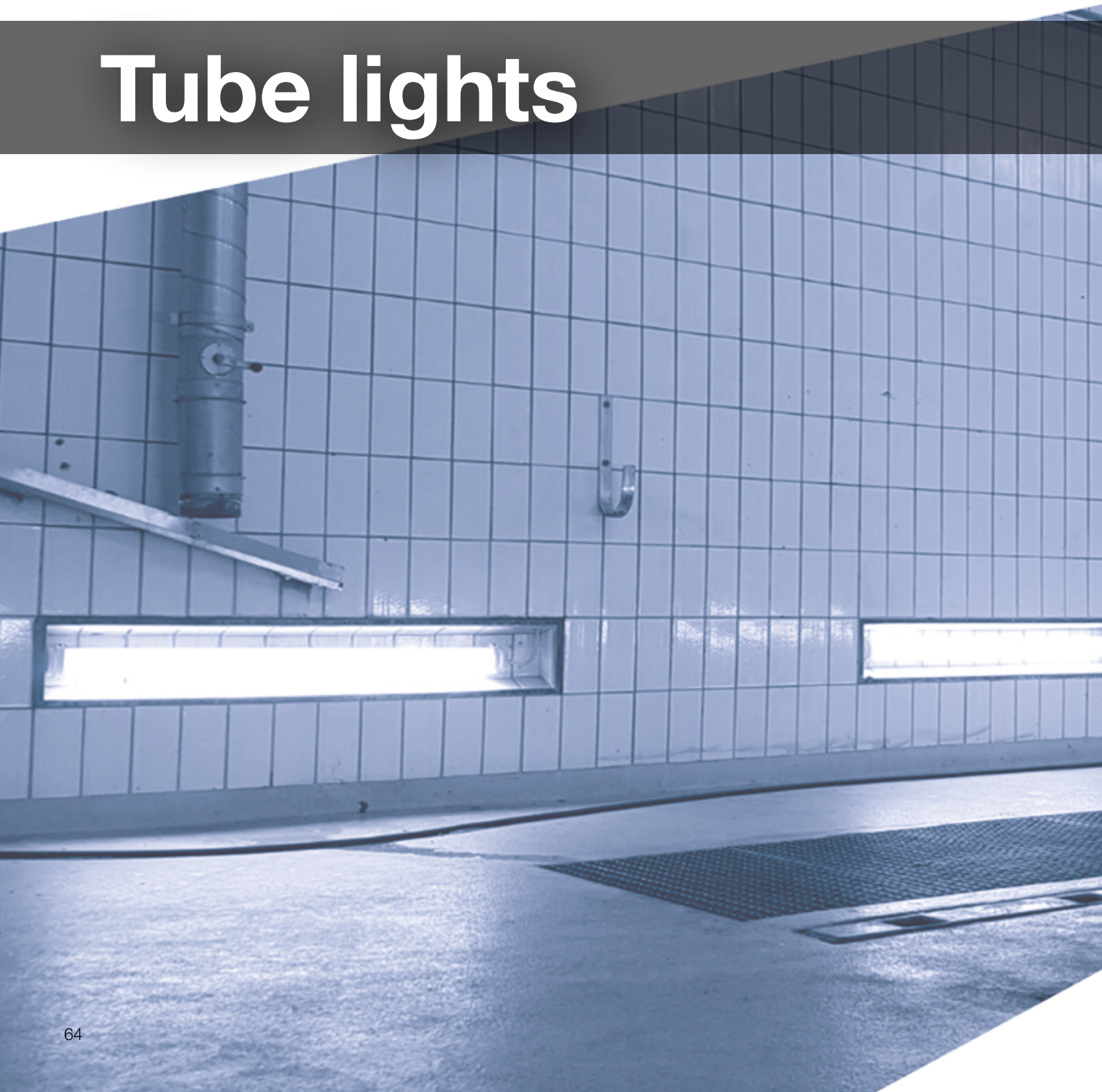
Adapter plate with 3 rubberized magnets for easy attachment to metallic surfaces; steel, powder-coated, anthracite metallic;
Holding force per magnet: 250 N, shear force per magnet: 85 N



 95-0205-0022

 0,46 kg

Tube lights





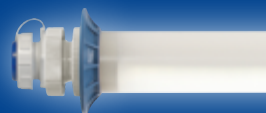
Tube lights

70



Tube lights
Emergency light

72



Tube lights
Basic

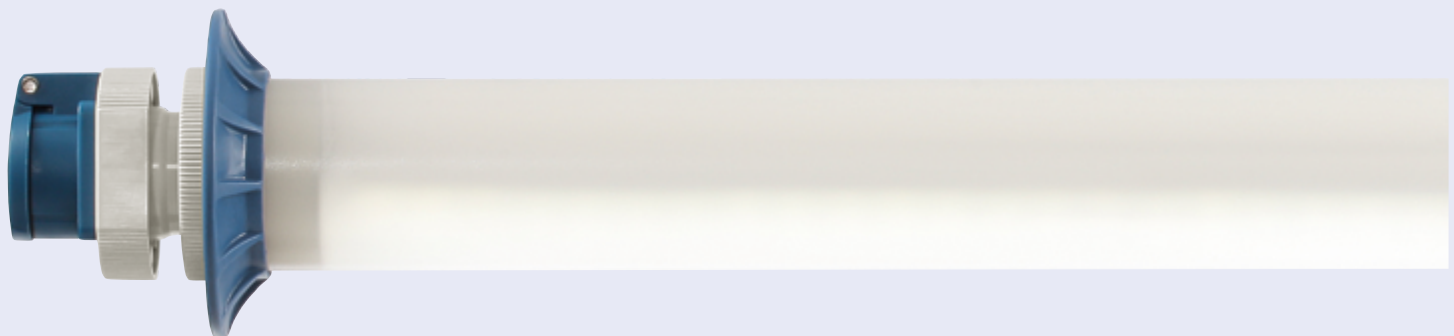
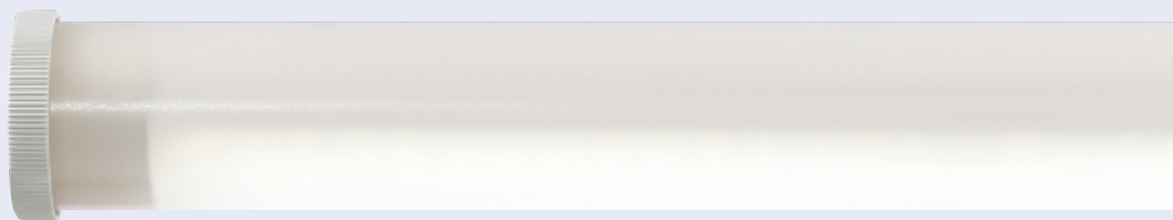
74



Tube lights
Chain

76





Tube lights

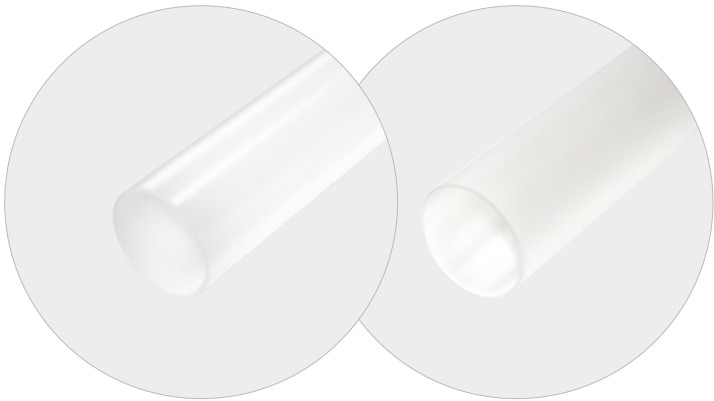


Our protective tube lights are notable for their latest LED technology with high luminous flux provided by a shock-resistant, low-glare opal tube. The tubes' new end caps allow for extremely easy maintenance. And, what's more, a wide range of accessories for mobile use or fixed installation is available.

- With socket outlet or through-wiring available
- High degree of protection up to IP 67
- Avoiding hard or multiple shadows
- Innovative mounting bracket with protection against vandalism (accessories)
- Emergency light function with reduced luminous flux
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

Tube lights

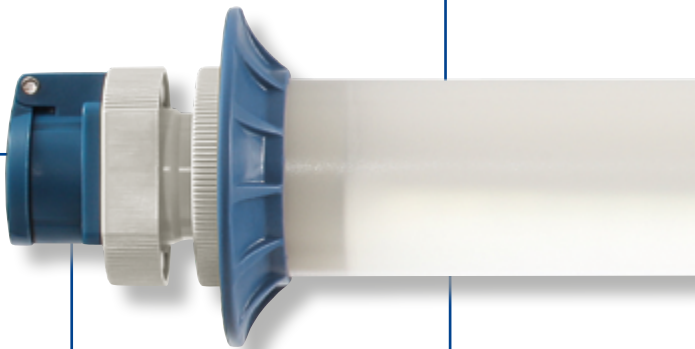
Features



Impact-resistant and break-proof housing
Standard: Polycarbonate, opal
On request: PMMA, opal



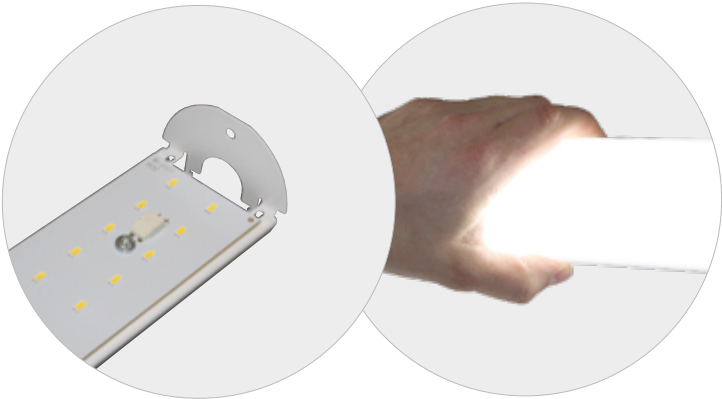
For mobile use, including power supply cable with mains plug, protectors and optional socket outlet

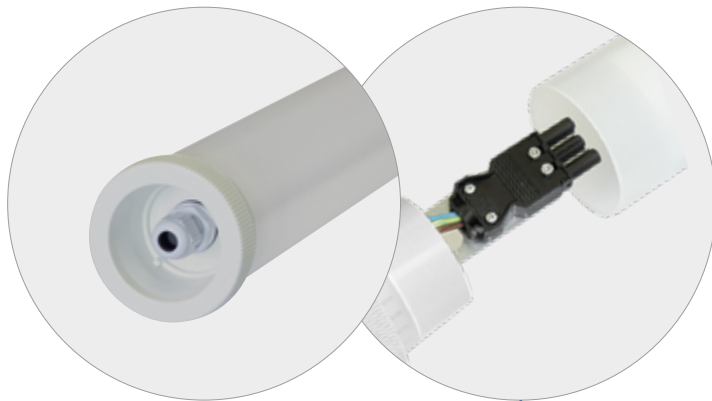


Environmentally friendly and conserves resources thanks to replaceable components



Virtually no heat emission
LED panels with 30 SMD LEDs each





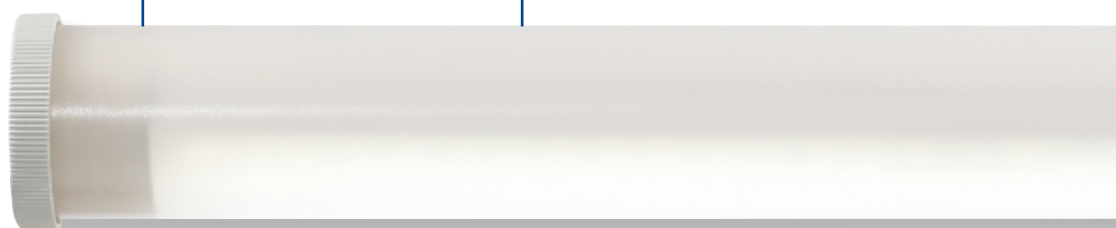
Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



High degree of protection IP 67

For fixed installation, including connectors for easy installation and maintenance

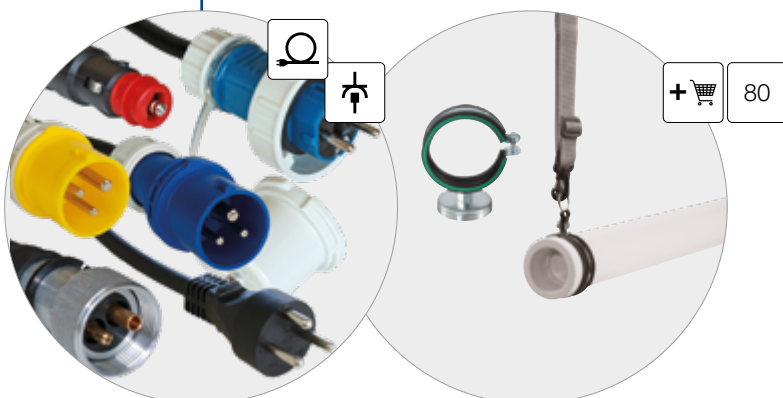
- Without through-wiring (single-sided cable entry)
- With through-wiring (two-sided cable entry)



Different connector systems and longer power supply cable on request

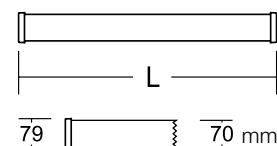
Wide range of accessories

Emergency light function can be blocked by switch for transport and storage





Protective tube plastic opal (polycarbonate), end caps plastic grey (polyamide), integrated electronic driver, 1 or 2 cable entries (through-wiring).



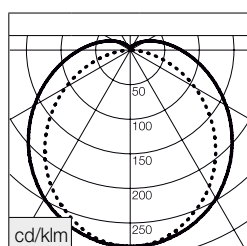
5.000 K*, $R_a \geq 80$
LED panel



IK08

*3.000 K / 4.000 K - on request

	Φ	P					L	
230 V, 50-60 Hz								
68A100Z0-0002	1.600 lm	11 W	-	-	I	IP 67	405	0,9 kg
68A200Z0-0002	3.200 lm	21 W	-	-	I	IP 67	685	1,4 kg
68A200Z1-0002	3.200 lm	21 W	✓	-	I	IP 67	685	1,5 kg
68A300Z0-0002	5.100 lm	31 W	-	-	I	IP 67	965	2,0 kg
68A300Z1-0002	5.100 lm	31 W	✓	-	I	IP 67	965	2,1 kg
68A400Z0-0002	6.800 lm	41 W	-	-	I	IP 67	1.245	2,3 kg
68A400Z1-0002	6.800 lm	41 W	✓	-	I	IP 67	1.245	2,4 kg
68A500Z0-0002	8.000 lm	51 W	-	-	I	IP 67	1.530	3,2 kg
68A500Z1-0002	8.000 lm	51 W	✓	-	I	IP 67	1.530	3,2 kg
42 V, 50-60 Hz								
available on request								
24 V, 50-60 Hz								
available on request								



68A10...		
h (m)	Ø (m)	E (lx)
1	5	446
2	10	112
3	15	50
4	20	28
5	25	18

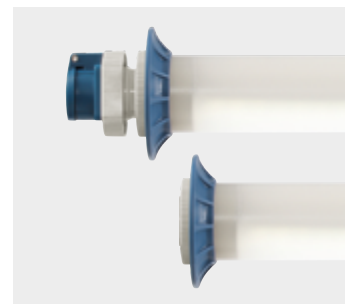
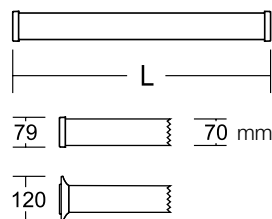
68A20...		
h (m)	Ø (m)	E (lx)
1	5	843
2	10	210
3	15	94
4	20	53
5	25	34

68A30...		
h (m)	Ø (m)	E (lx)
1	5	1.357
2	10	339
3	15	151
4	20	85
5	25	54

68A40...		
h (m)	Ø (m)	E (lx)
1	5	1.831
2	10	458
3	15	203
4	20	114
5	25	73

68A50...		
h (m)	Ø (m)	E (lx)
1	5	2.199
2	10	550
3	15	244
4	20	137
5	25	88

Protective tube plastic opal (polycarbonate), end caps plastic grey (polyamide), integrated electronic driver, 2 protectors (blue), 5 m power supply cable with mains plug.



	Φ	P						
--	--------	---	--	--	--	--	--	--

230 V, 50-60 Hz

68A10000-0062	1.600 lm	11 W	-	E+F	I	IP 67	405	1,8 kg
68A10100-0062	1.600 lm	11 W	1	F	I	IP 54	470	1,9 kg
68A20000-0062	3.200 lm	21 W	-	E+F	I	IP 67	685	2,3 kg
68A20100-0062	3.200 lm	21 W	1	F	I	IP 54	750	2,5 kg
68A30000-0062	5.100 lm	31 W	-	E+F	I	IP 67	965	3,0 kg
68A30100-0062	5.100 lm	31 W	1	F	I	IP 54	1.030	3,1 kg
68A40000-0062	6.800 lm	41 W	-	E+F	I	IP 67	1.245	3,5 kg
68A40100-0062	6.800 lm	41 W	1	F	I	IP 54	1.310	3,7 kg
68A50000-0062	8.000 lm	51 W	-	E+F	I	IP 67	1.530	3,9 kg
68A50100-0062	8.000 lm	51 W	1	F	I	IP 54	1.595	4,2 kg
68Ax0001-0062*			-	E+F ⁶⁸	I	IP 67		
68Ax0101-0062*			1	F ⁶⁸	I	IP 67		
68Ax00CH-0062*			-	J	I	IP 67		
68Ax01B0-0062*			1	E	I	IP 54		
68Ax0006-0062*			-	CEE 6h	I	IP 67		
68Ax0106-0062*			1	CEE 6h	I	IP 44		

*x: 1 = 12 W, 2 = 23 W, 3 = 33 W, 4 = 45 W, 5 = 55 W

42 V, 50-60 Hz

68Ax6060-0062*	-	CEE 42	III	IP 67
68Ax6160-0062*	1	CEE 42	III	IP 44

*x: 2 = 23 W, 3 = 33 W, 4 = 45 W

24 V, 50-60 Hz

68Ax5050-0062*	-	CEE 24	III	IP 67
68Ax5150-0062*	1	CEE 24	III	IP 44

*x: 2 = 23 W, 3 = 33 W, 4 = 45 W



5.000 K*, R_a ≥ 80

..... LED panel



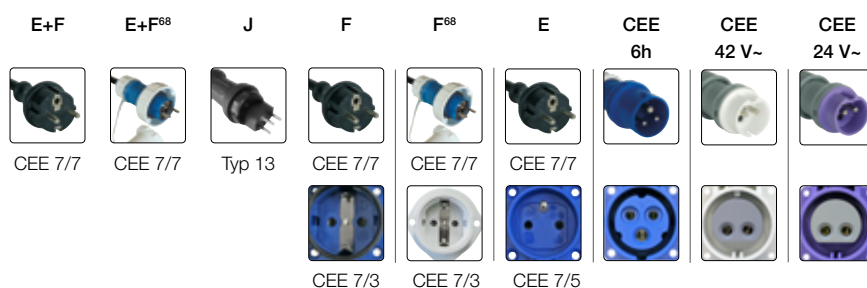
5 m, H07RN-F

..... black

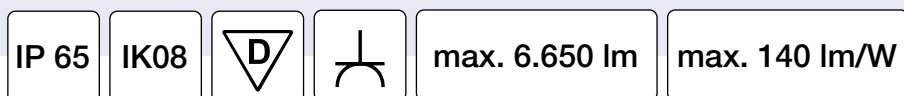
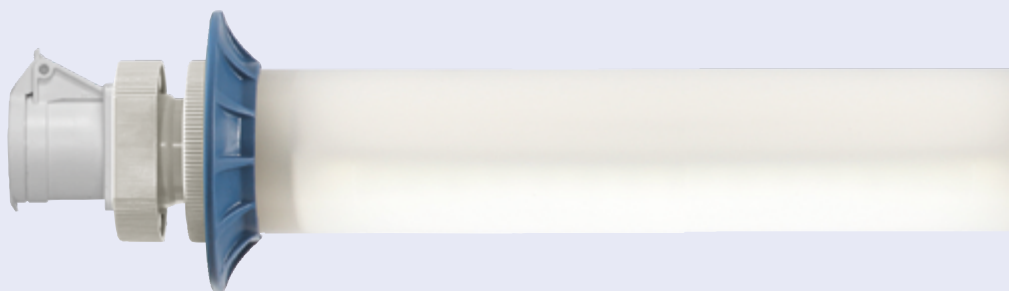
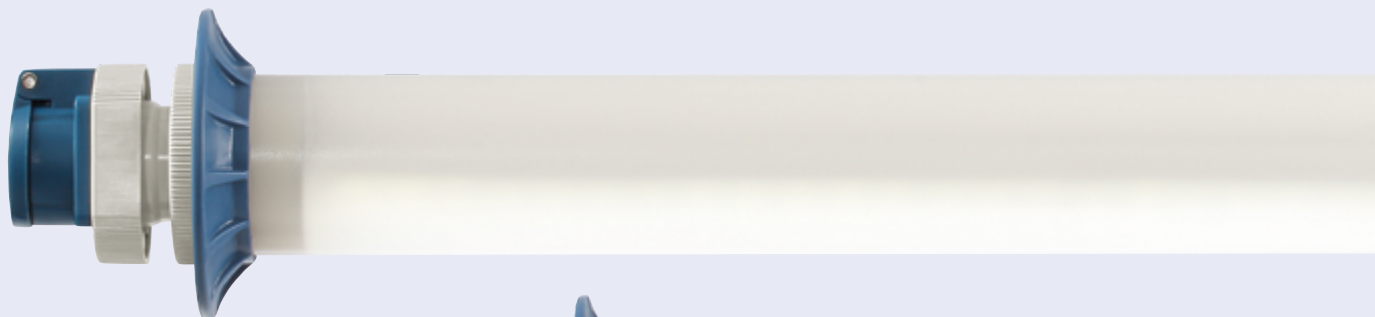


..... IK08

*3.000 K / 4.000 K - on request



Overview of plug-in systems see page 167.



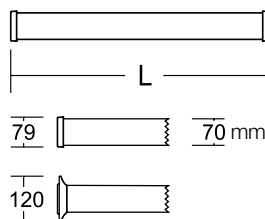
Tube lights Emergency light



Light for risky situations: A power failure on a construction site, in a tunnel or during a boiler overhaul means darkness and chaos. In this case, the emergency light function in our protective tube lights helps by immediately activating basic illumination. In addition to the familiar 230 V version, these are now also available for the safety extra-low voltage 42 V.

- Automatic activation of emergency lighting in the event of a power failure
- Emergency lighting duration 120 min. or 3 x 60 min. depending on version
- Emergency lighting function can be blocked by switch for transport and storage
- Available with socket outlet
- High degree of protection up to IP 65
- Glare-reduced illumination thanks to frosted protective tube
- Extensive range of accessories for suspension or mounting optionally available
- Environmentally friendly and conserves resources thanks to replaceable components

Protective tube made of impact-resistant opal plastic (polycarbonate), end caps made of grey plastic (polyamide), integrated control gear and battery, 2 protectors (blue), 5 m supply cable with mains plug, emergency lighting function with reduced luminaire luminous flux for max. 120 min. with full battery, emergency lighting function can be switched off for transport/storage.



	Φ	P						
230 V, 50-60 Hz								
68A30000-0062.NL	3.400 lm	24 W	-	F	I	IP 65	1.000	3,5 kg
68A30100-0062.NL	3.400 lm	24 W	1	F	I	IP 54	1.070	3,5 kg
68A301B0-0062.NL	3.400 lm	24 W	1	E	I	IP 44	1.030	3,5 kg
68A30101-0062.NL	3.400 lm	24 W	1	F	I	IP 65	1.030	3,5 kg

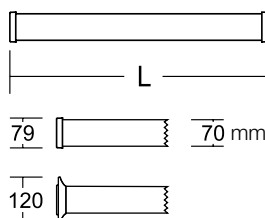
68A30000-0062.NL			68A30000-0062.NL		
h (m)	Φ (m)	E (lx)	h (m)	Φ (m)	E (lx)
1	5	922	1	5	244
2	9	231	2	9	61
3	14	102	3	14	27
4	18	58	4	18	15
5	23	37	5	23	10



	5.000 K*, $R_a \geq 80$
	LED panel
	5 m, H07RN-F
	black
	NiMH 2,2 Ah 6 V
	900 lm, 120 min
	24 h
	IK08

*3.000 K / 4.000 K - on request

Protective tube made of impact-resistant opal plastic (polycarbonate), end caps made of grey plastic (polyamide), integrated control gear and battery, 2 protectors (blue), 5 m supply cable with mains plug, emergency lighting function with reduced luminaire luminous flux for 60 min, emergency lighting function can be switched off for transport/storage, 3 emergency lighting cycles of 60 min each possible with full battery.

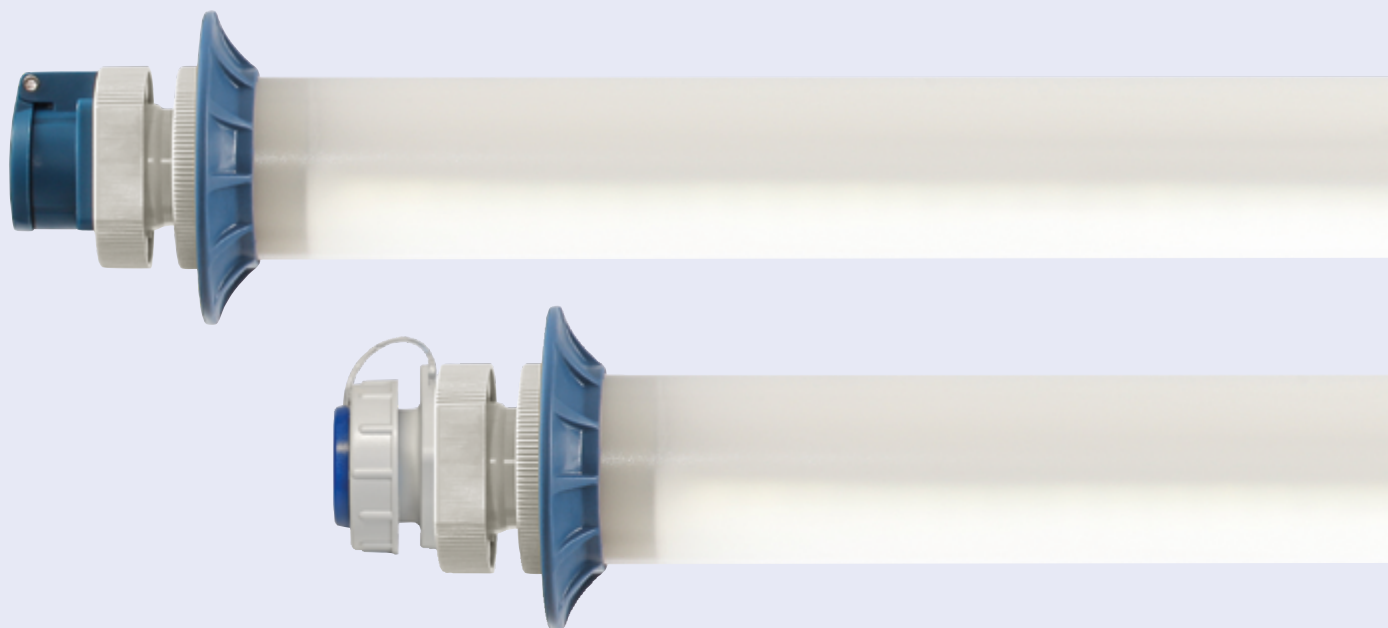


	Φ	P						
42 V, 50-60 Hz								
68A36060-0062.NL	5.000 lm	35 W	-	CEE 42	III	IP 65	1.000	2,8 kg
68A36160-0062.NL	5.000 lm	35 W	1	CEE 42	III	IP 44	1.080	3,0 kg
68A46060-0062.NL	6.650 lm	47 W	-	CEE 42	III	IP 65	1.285	3,4 kg
68A46160-0062.NL	6.650 lm	47 W	1	CEE 42	III	IP 44	1.363	3,4 kg

68A36060-0062.NL			68A36060-0062.NL			68A46060-0062.NL		
h (m)	Φ (m)	E (lx)	h (m)	Φ (m)	E (lx)	h (m)	Φ (m)	E (lx)
1	5	1.448	1	5	139	1	5	1.959
2	9	362	2	9	35	2	9	490
3	14	161	3	14	15	3	14	218
4	18	91	4	18	9	4	18	122
5	23	58	5	23	6	5	23	78



	5.000 K, $R_a \geq 80$
	LED panel
	5 m, H07RN-F
	black
	NiMH 2,2 Ah 6 V
	480 lm, 3 x 60 min
	24 h
	IK08



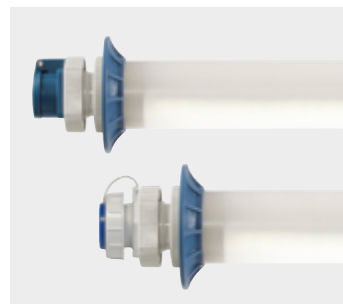
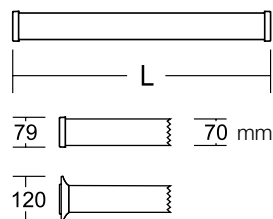
Tube lights Basic



Our Basic protective tube luminaires offer innovative luminaire technology with impressive technical data. The luminaire, which is available as a mains voltage version, achieves a system efficiency of max. 141 lumens/watt with the opal protective tube. With its high luminaire luminous flux, daylight white light (4,000 K) and robust design, it is ideal for tent lighting. It is also ideal for illuminating walkways on construction sites or for other outdoor applications thanks to its high protection rating of up to IP 67.

- With a socket for easy installation of a light chain
- High degree of protection up to IP 67
- Good impact resistance IK08
- Glare-reduced illumination thanks to opal protective tube
- Extensive range of accessories for suspension or mounting optionally available
- Environmentally friendly and conserves resources thanks to replaceable components

Protective tube made of impact-resistant opal plastic (polycarbonate), end caps made of grey plastic (polyamide), integrated control gear, 2 protectors (blue), incl. socket, 5 m supply cable with mains plug.



	Φ	P						
230 V, 50-60 Hz								
68E10100-0062	3.450 lm	30 W	1	F	I	IP 54	788	2,1 kg
68E10101-0062	3.450 lm	30 W	1	F ⁶⁸	I	IP 67	789	2,3 kg
68E101B0-0062	3.450 lm	30 W	1	E	I	IP 54	773	2,1 kg
68E20100-0062	5.200 lm	37 W	1	F	I	IP 54	1.346	3,0 kg
68E20101-0062	5.200 lm	37 W	1	F ⁶⁸	I	IP 67	1.347	3,0 kg
68E201B0-0062	5.200 lm	37 W	1	E	I	IP 54	1.331	3,0 kg
68E30100-0062	7.900 lm	56 W	1	F	I	IP 54	1.628	3,3 kg
68E30101-0062	7.900 lm	56 W	1	F ⁶⁸	I	IP 67	1.629	3,5 kg
68E301B0-0062	7.900 lm	56 W	1	E	I	IP 54	1.613	3,3 kg



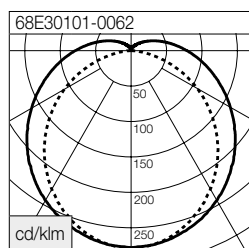
4.000 K, R_a ≥ 80
LED panel



5 m, H07RN-F
black



IK08



h (m)	Ø (m)	E (lx)
1	3.56	2448
2	7.12	612
3	10.68	272
4	14.24	153
5	17.80	98

E

F

F⁶⁸



CEE 7/7



CEE 7/5



CEE 7/7



CEE 7/3



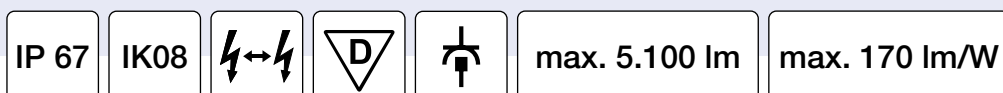
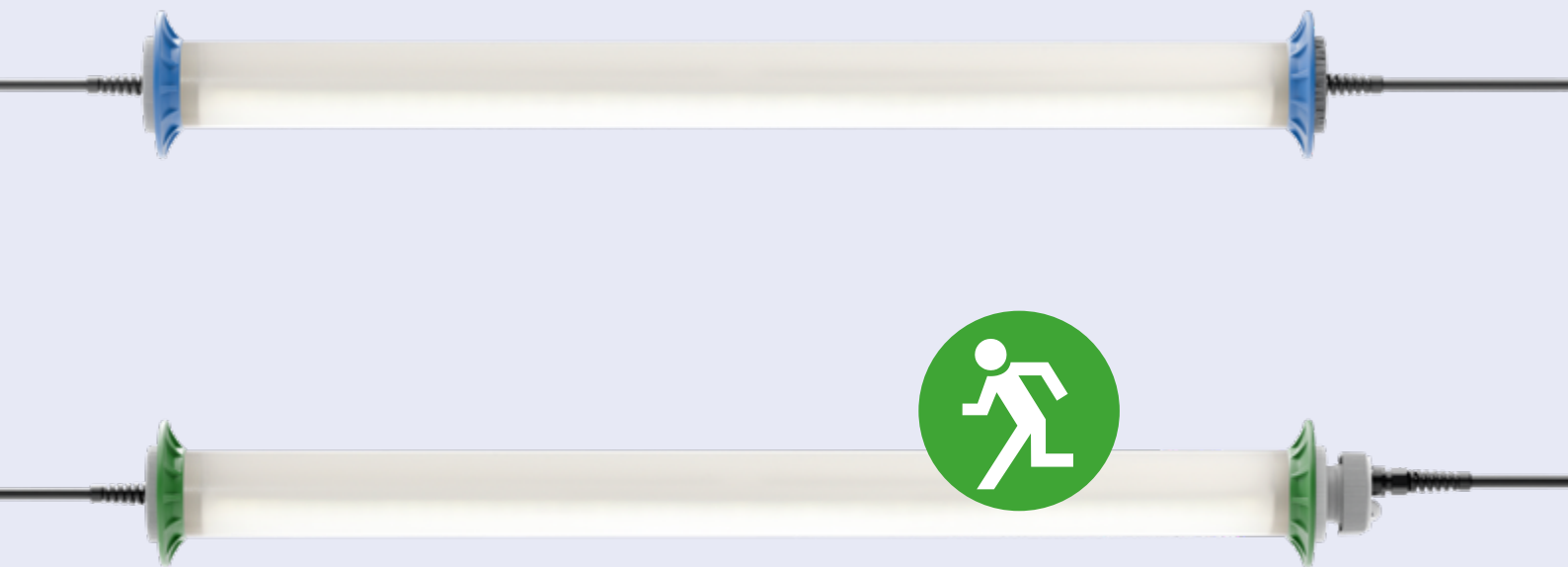
CEE 7/7



CEE 7/3

Overview of plug-in systems see page 167.



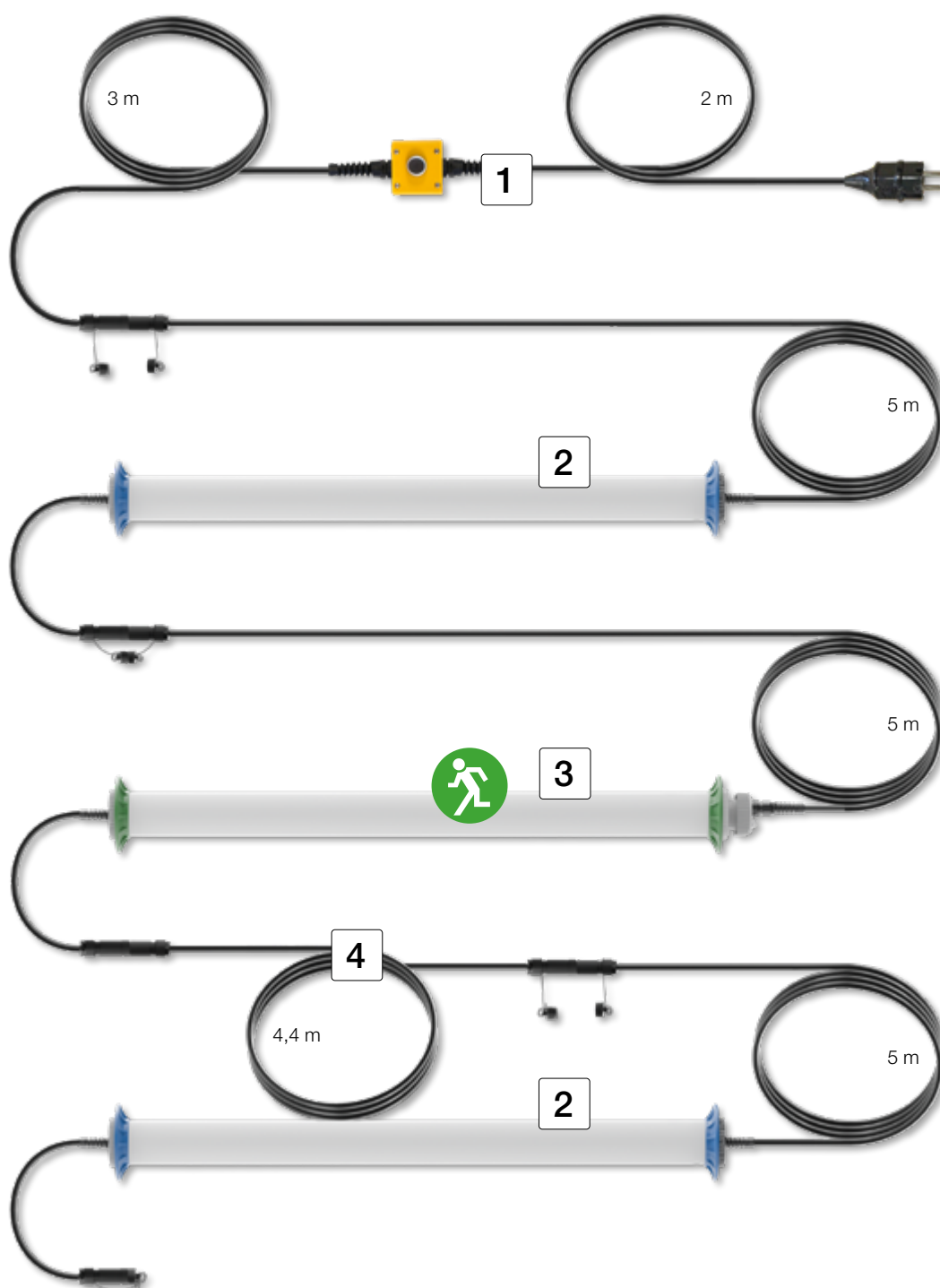


Tube lights Chain



These protective tube lights are particularly suitable for long lighting distances when corded together in a light chain. They provide light in tunnels, tents, on shipyards and construction sites or in industrial plants. This is where the issue of 'occupational safety' is of immense importance. It is all the more advantageous when a luminaire chain from our 'Chain' combines workplace lighting with an emergency lighting function and this can be switched on and off via a switch integrated into the mains supply cable. This means that the charging function of the emergency lighting batteries is retained when the luminaire chain is switched off, guaranteeing that it can be used the following working day.

- Simple construction of a light chain
- Wieland RST16 connector system for a fast and secure connection
- Emergency lighting function can be blocked by switch for transport and storage
- Mains cables available with various plugs (230 V)
- High degree of protection up to IP 67
- Glare-reduced illumination thanks to satinised protective tube
- Extensive range of accessories for suspension or mounting optionally available
- Environmentally friendly and conserves resources thanks to replaceable components

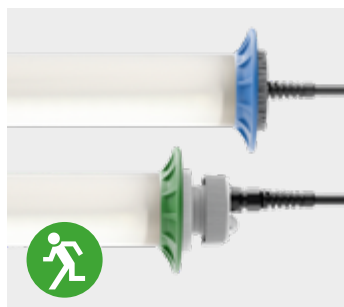


1 Mains cable with on/off switch

2 Tube light Chain

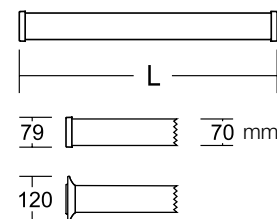
3 Chain emergency light

4 Extension cable



Protective tube light for use in a light chain. Protective tube made of impact-resistant opal plastic (polycarbonate), end caps made of grey plastic (polyamide), integrated control gear, 2 protectors (blue), 5 m supply cable (H07RN-F) with RST16 plug, 0.3 m down conductor with RST16 socket, extensive range of optional accessories for suspension or mounting.

Emergency light version (.NL): 2 protectors (green), integrated rechargeable battery, emergency light function with reduced luminaire luminous flux for max. 120 min. with fully charged battery, emergency light function can be deactivated for transport or storage.



5.000 K, $R_a \geq 80$
..... LED panel

..... NiMH 2,2 Ah 6 V

..... 900 lm, 120 min

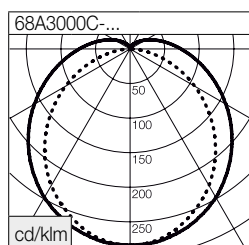
..... 24 h

..... IK08

	Φ	P						
--	--------	---	--	--	--	--	--	--

230 V, 50-60 Hz

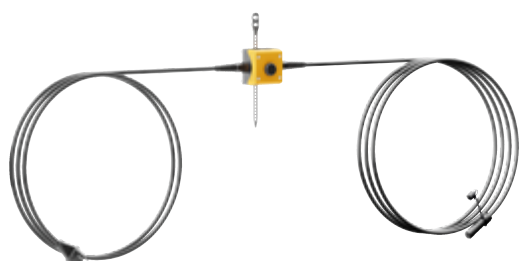
68A3000C-0062	5.100 lm	31 W	RST16-4	-	II	IP 67	965	3,2 kg
68A3000C-0072.NL	3.400 lm	24 W	RST16-4	✓	II	IP 67	1.000	3,6 kg



h (m)	Ø (m)	E (lx)
1	4	1.357
2	8	339
3	13	151
4	17	85
5	21	54

h (m)	Ø (m)	E (lx)
1	4	922
2	8	231
3	12	102
4	16	58
5	20	37

h (m)	Ø (m)	E (lx)
1	4	244
2	8	61
3	12	27
4	16	15
5	20	10



Mains cable with plug and on/off switch Chain 230 V

5 m mains cable (H07RN-F) with mains plug, on/off switch and RST16 socket. Mains connection for a light chain with protective tube lights Chain.

	95-000C-0001	E+F	5.000 mm	1,33 kg
	95-010C-0001	E+F ⁶⁸	5.000 mm	1,41 kg
	95-060C-0001	CEE 6h	5.000 mm	1,39 kg



Mains cable extension Chain 230 V

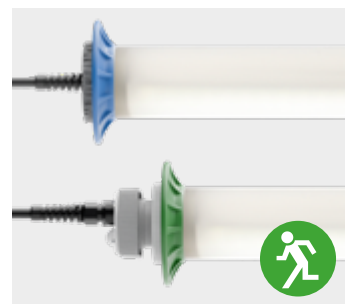
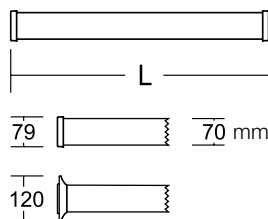
4.4 m mains cable (H07RN-F) with RST16 plug and socket. For extending the mains cable in a light chain with protective tube lights Chain.

	95-0C0C-0001	RST16-4	4.400 mm	0,98 kg
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E+F	E+F ⁶⁸	CEE 6h	RST16-4	RST16-4
CEE 7/7	CEE 7/7			

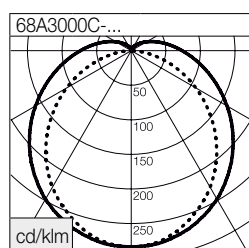
Protective tube light for use in a light chain. Protective tube made of impact-resistant opal plastic (polycarbonate), end caps made of grey plastic (polyamide), integrated control gear, 2 protectors (blue), 5 m supply cable (H07RN-F) with RST16 plug, 0.3 m down conductor with RST16 socket, extensive range of optional accessories for suspension or mounting.

Emergency light version (.NL): 2 protectors (green), integrated battery, emergency light function with reduced luminaire luminous flux for 60 min., 3 emergency light cycles of 60 min. each possible with full battery, emergency light function can be deactivated for transport or storage.



	Φ	P						
42 V, 50-60 Hz								
68A3610C-0062	5.000 lm	35 W	RST16-3	-	III	IP 67	965	3,0 kg
68A3610C-0072.NL	5.000 lm	35 W	RST16-3	✓	III	IP 66	1.000	3,3 kg

	5.000 K, $R_a \geq 80$
	NIMH 2,2 Ah 6 V
	500 lm, 3 x 60 min
	24 h
	IK08



68A3610C-0062
h (m) Φ (m) E (lx)
1 4 1.448
2 8 362
3 12 161
4 16 91
5 20 58

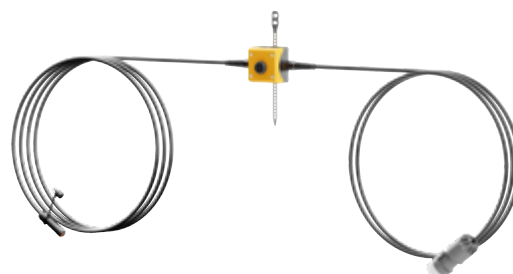
68A3610C-0072.NL
h (m) Φ (m) E (lx)
1 4 1.448
2 8 362
3 12 161
4 16 91
5 20 58

68A3000C-0072.NL
h (m) Φ (m) E (lx)
1 4 145
2 8 36
3 13 16
4 17 9
5 21 6

Mains cable with plug and on/off switch Chain 42 V

5 m mains cable (H07RN-F) with mains plug, on/off switch and RST16 socket. Mains connection for a light chain with protective tube lights Chain.

95-600C-0001		CEE 42 V~		5.000 mm		1,38 kg
--------------	--	-----------	--	----------	--	---------



Mains cable extension Chain 42 V

4.4 m mains cable (H07RN-F) with RST16 plug and socket. For extending the mains cable in a light chain with protective tube lights Chain.

95-6C0C-0001		RST16-3		4.400 mm		0,82 kg
--------------	--	---------	--	----------	--	---------



Accessories

Mounting bracket (plastic)




Mounting bracket (plastic) for wall or ceiling mounting

	68Z00001	Set (2 pieces)
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Mounting bracket

Mounting bracket (luminaire can be rotated) plastic or metal with magnet; Set (2 pieces)

1		68Z00002	Adhesive force: 230 N*
2		68Z00003	Adhesive force: 230 N*
3		68Z00007	Adhesive force: 250 N* Magnet rubberised

*per magnet



Mounting bracket (metal)

Mounting bracket (metal) with hanger assembly of stainless steel

4		68Z00004	Set (2 pieces)
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Plastic retaining clip with key ring

Luminaire rotatable

5		68Z00016	Set (2 pieces)
---	---	----------	----------------



Mounting bracket

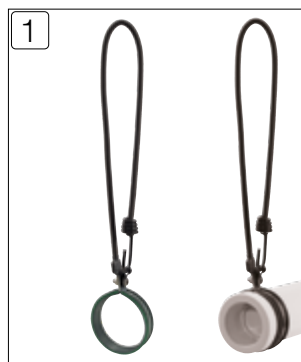
Mounting bracket (metal) with expander suspension (L 600 mm*)

1  68Z00006 Set (2 pieces)

Mounting bracket (plastic) with expander suspension (L 600 mm*), luminaire rotatable

2  68Z00017 Set (2 pieces)

*Other lengths - on request



Mounting bracket

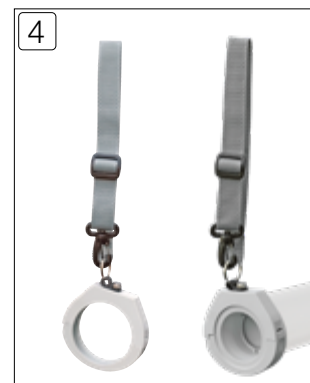
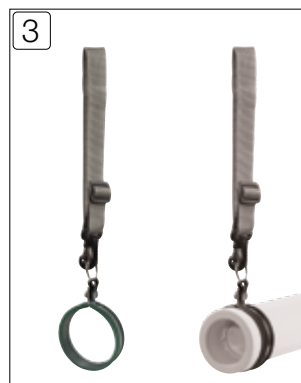
Mounting bracket (metal) with belt suspension (L 330 - 550 mm*)

3  68Z00005 Set (2 pieces)

Mounting bracket (plastic) with belt suspension (L 330 - 550 mm*), luminaire rotatable




4  68Z00008 Set (2 pieces)

*Other lengths - on request



Transport case for lights up to max. 1,100 mm in length

Plastic case (ABS), 3 hinges, 2 locks (lockable), 2 wheels, carrying handles, stackable, suitable for Euro pallets, Suitable for up to 5 protective tube lights
Internal dimensions: L 1,130, W 290, H 280 mm

 95-0405-0001  L 1.190, B 350, H 330 mm  6 kg



Large area lighting

Tube lights





POWERTUBE II

85



POWERDISK

97

NEW



POWERCASE M
POWERCASE L

109



THORIX II

123



THORIX II Flex

131





POWERTUBE II S/M/L

Mobile large area light



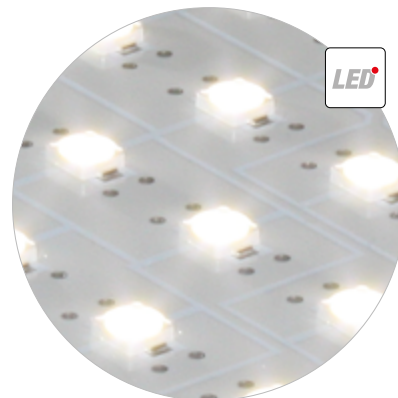
The new POWERTUBE II is twice as powerful thanks to improved thermal management and the latest LED generation. Whenever quickly available, uniform and powerful light is required for construction sites, events or sporting events, there is no way around it.

- Quick mounting and dismounting without cooling-down time
- Harmonious, glare-reduced illumination thanks to opal diffuser and SMD LED panels
- Maintenance-free (passive cooling)
- Suitable for wind loads up to 150 km/h thanks to cylindrical shape and reinforced tripod adapter
- Easy tripod connection thanks to integrated mounting for DIN spigot (30 mm/DIN 14640)
- Changeover switch for half-sided or full illumination
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

POWERTUBE II

Features

Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



LED panel with high efficiency SMD-LEDs

Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate



Impact-resistant and break-proof 2-component housing with edge protection and handle made of soft thermoplastic elastomer (TPE)

Environmentally friendly and conserves resources thanks to replaceable components



High degree of protection IP 65

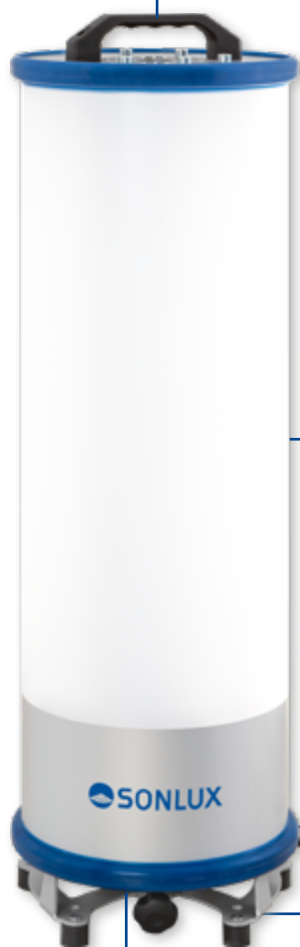
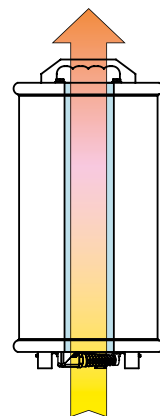


Integrated handle

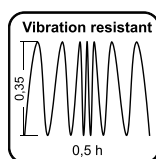


How passive cooling works

In our passively cooled lighting fixtures, the heat inside the fixture is dissipated via an aluminium element, thus obviating the need for active cooling and rendering the lighting fixtures maintenance-free.



DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529



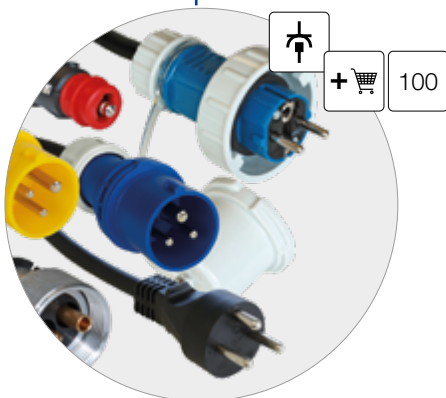
VIBRATION RESISTANT
as per
DIN EN 60598-1



Versions with Casambi Bluetooth® control
for wireless networking
or with dimmer available

Changeover switch
(off, 100 %, 50 %)

Alternative plug systems and
power cable lengths on request
Wide range of accessories



+ 100

Integrated tripod mount for DIN pin
(30 mm / DIN 14640)

Pressure equalisation valve to prevent
condensation forming in the luminaire

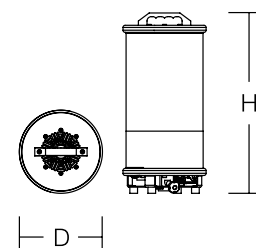
Safe, stable stand
due to rubber feet





POWERTUBE II S

Protective tube plastic (polycarbonate, satin), edge protection (silicone rubber, blue), housing cover and base aluminium, 5 m power supply cable with mains plug, incl. carrier bag.



D 270, H 590 mm

	5.000 K*, $R_a \geq 80$
	8 x LED panel
	5 m, H07RN-F
	black
	IK08

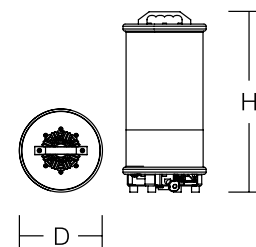
*3.000 K - on request

	Φ	P						
230 V, 50-60 Hz								
73P01000-0006.E	11.000 lm	84 W	E+F	-	O/I	II	IP 65	9,4 kg
73P01001-0006.E	11.000 lm	84 W	E+F ⁶⁸	-	O/I	II	IP 65	9,7 kg
73P010CH-0006.E	11.000 lm	84 W	J	-	O/I	II	IP 65	9,4 kg



POWERTUBE II M

Housing plastic (polycarbonate) satin finish, edge protection (silicone rubber blue), housing base and cover aluminium, 5 m supply cable H07RN-F with mains plug, incl. transport bag. Dimmable version (.P): with push-button (O/I and dimmable 1 - 100 %), 7.5 m supply cable H07BQ-F yellow, incl. mains plug and transport bag.



D 270, H 590 mm

	5.000 K*, $R_a \geq 80$
	8 x LED panel
	5 m, H07RN-F, black/
	7,5 m, H07BQ-F, yellow (.P)
	IK08

*3.000 K - on request

	Φ	P						
230 V, 50-60 Hz								
73P01000-0006	24.000 lm	187 W	E+F	-	O/I	II	IP 65	9,6 kg
73P01001-0006	24.000 lm	187 W	E+F ⁶⁸	-	O/I	II	IP 65	10,0 kg
73P010CH-0006	24.000 lm	187 W	J	-	O/I	II	IP 65	9,7 kg
230 V, 0 / 50 / 60 Hz								
73P01000-0006.P	24.000 lm	188 W	E+F	1 ... 100 %	-	II	IP 65	10,2 kg
73P01001-0006.P	24.000 lm	188 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	10,4 kg

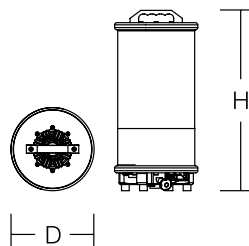
E+F E+F⁶⁸ J



Overview of plug-in systems see page 167.

POWERTUBE II L

Housing plastic (polycarbonate) satin finish, edge protection (silicone rubber blue), housing base and cover aluminium, 5 m supply cable H07RN-F with mains plug, incl. transport bag. Dimmable version (.P): with push-button (O/I and dimmable 1 - 100 %), 7.5 m supply cable H07BQ-F yellow, incl. mains plug and transport bag.



D 270, H 850 mm



	Φ	P						
230 V, 50-60 Hz								
73P03000-0006	50.000 lm	372 W	E+F	-	O/I	II	IP 65	13,4 kg
73P03001-0006	50.000 lm	372 W	E+F ⁶⁸	-	O/I	II	IP 65	13,7 kg
73P030CH-0006	50.000 lm	372 W	J	-	O/I	II	IP 65	13,4 kg
230 V, 0 / 50 / 60 Hz								
73P03000-0006.P	50.000 lm	376 W	E+F	1 ... 100 %	-	II	IP 65	14,0 kg
73P03001-0006.P	50.000 lm	376 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	14,1 kg



5.000 K*, R_a ≥ 80

..... 16 x LED panel



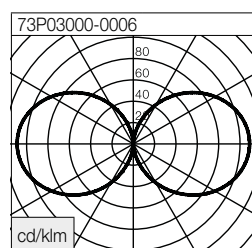
5 m, H07RN-F, black /

..... 7,5 m, H07BQ-F, yellow (.P)



..... IK08

*3.000 K - on request



E+F

E+F⁶⁸

J



CEE 7/17

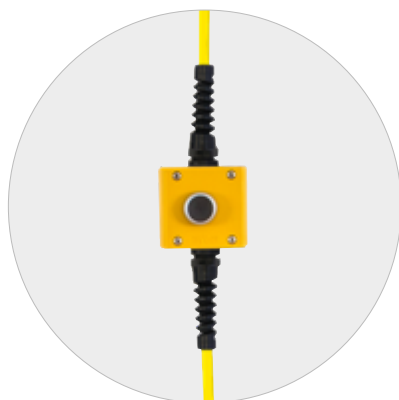


CEE 7/7



Typ 11

Overview of plug-in systems see page 167.



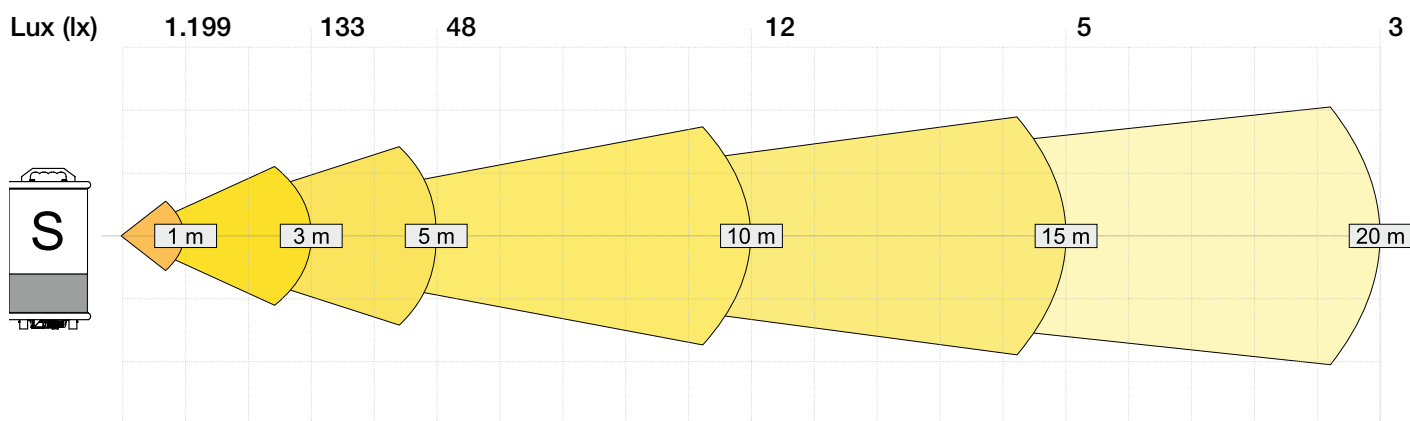
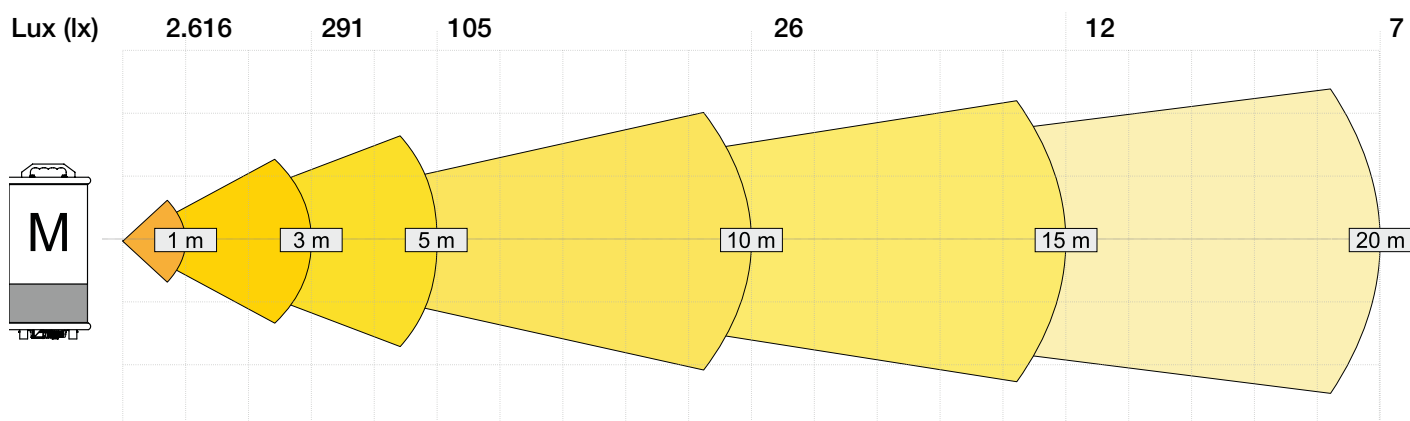
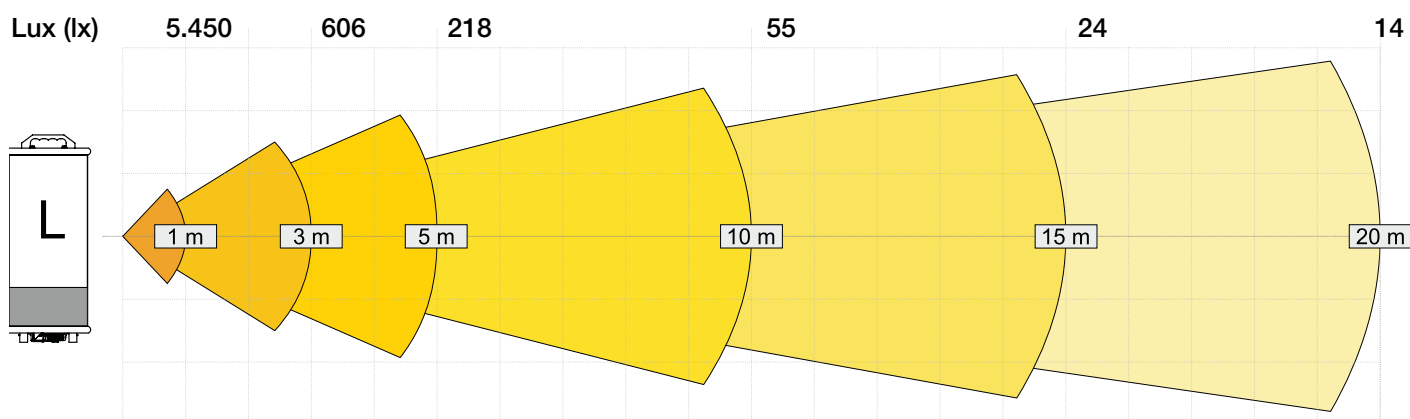
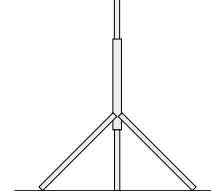
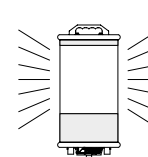
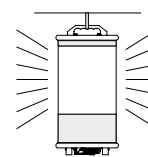
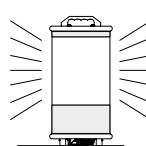
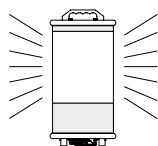
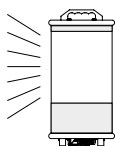
Dimmer 1 ... 100 %



Switch 0 | 50 | 100 %

Switch
50 % | 100 %

Installation
options



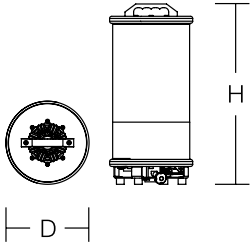


POWERTUBE II SC






POWERTUBE II M SC








Housing plastic (polycarbonate) satin finish, edge protection (silicone rubber blue), housing base and cover aluminium, Bluetooth® (Casambi) control module, 5 m supply cable H07BQ-F yellow incl. mains plug, incl. transport bag.



D 270, H 590 mm

-  5.000 K*, $R_a \geq 80$
..... LED panel
-  5 m, H07BQ-F
..... yellow
-  IK08

*3.000 K - on request

	Φ	P						
230 V, 50 - 60 Hz								
73P01000-0006.PB	24.000 lm	189 W	E+F	1 ... 100 %	-	II	IP 65	9,6 kg
73P01001-0006.PB	24.000 lm	189 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	9,8 kg

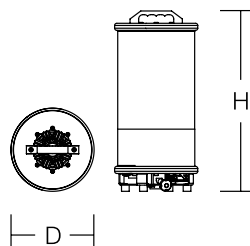


Overview of plug-in systems see page 167.



POWERTUBE II L SC

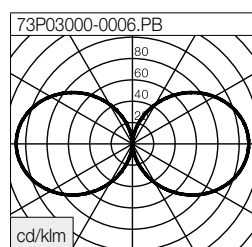
Housing plastic (polycarbonate) satin finish, edge protection silicone rubber blue, housing base and cover aluminium, Bluetooth® (Casambi) control module, 5 m supply cable H07BQ-F yellow incl. mains plug, incl. transport bag.



D 270, H 850 mm



	Φ	P							
230 V, 50 - 60 Hz									
73P03000-0006.PB	50.000 lm	377 W	E+F	1 ... 100 %	-	II	IP 65	13,4 kg	
73P03001-0006.PB	50.000 lm	377 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	13,5 kg	



	5.000 K*, R _a ≥ 80 LED panel
	5 m, H07BQ-F yellow
 IK08

*3.000 K -on request



Overview of plug-in systems see page 167.

Smart Control

Smart Control stands for the intelligent remote control of luminaires using a mobile app on a mobile phone or tablet. It does not matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires, including existing ones, can be controlled together with an integrated 'Casambi' module can be controlled together. This also applies to our POWERTUBE II, POWERDISK and POWER-CASE L. The luminaires are networked via Bluetooth® from mobile device to luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

- ON/OFF
- Dimming
- Timer
- Scenes
- Animations

For installation and operation, see page 118.



Accessories

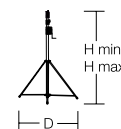


Crank tripod "Premium"

Steel, chrome plated, suitable for 16 and 28 mm spigots, automatic safety lock, load capacity 30 kg, adjustable (1ft.) to compensate uneven ground, self-braking coupling, folding crank.

incl. tripod adapter 28 mm/30 mm (DIN 14640)

Pack size:
L 1.850, B 230, H 160 mm



95-0060-0014.D



H max 3.800, H min 1.740, D 1.300 mm



22,5 kg



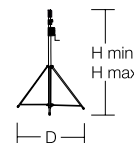
Crank tripod „LightmaXX“

Galvanised steel, chrome-plated and powder-coated, with spigot adapter, automatic safety lock, 1 foot adjustable for levelling on uneven ground, self-braking coupling, load capacity 85 kg, fold-away elevator.

incl. tripod adapter 28 mm/30 mm (DIN 14640)

incl. clamping kit for tripod

Pack size:
L 1.810, B 300, H 250 mm



95-0294-0014



H max 4.130, H min 1.750, D 1.730 mm



25,0 kg



Hinged feet with rubber pad

For crank tripod "Premium", stainless steel, set (3 pieces)



95-0266-0001



0,43 kg



Tensioning set

3 x rope cord and peg



95-0267-0001



1,1 kg

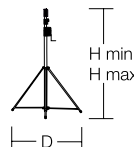


Tripod "Professional"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, load capacity 25 kg, with standard spigot 30 mm (DIN 14640).

incl. tensioning set (3 x rope cord and peg)

Pack size:
L 1.120, B 200, H 200 mm



95-0257-0014



H max 4.450, H min 1.100, D 1.600 mm



13,3 kg



Belt strap incl. snap hook

For suspended mounting of
POWERTUBE II



95-0225-0001



L 350 mm



0,05 kg







POWERDISK

Mobile large area light

Turning night into day – a mobile stroke of genius creating maximum luminous flux for powerful and safety-relevant illumination of construction & assembly sites, sports and leisure events as well as rescue and emergency operations.



- Quick one-man installation
- Maintenance-free (passive cooling)
- Suitable for wind loads up to 150 km/h
- Robust, impact-resistant construction
- Anti-glare illumination thanks to opal cover
- Universal tripod connection for different light directions (downwards, upwards, 30° inclined)
- Dimmable
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

POWERDISK

Features



Luminaire with limited surface temperature in accordance with DIN EN 60598-2-24, tested for use in operating sites with a fire hazard



High degree of protection IP 65



Impact-resistant and break-proof housing



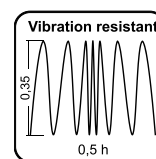
Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate

Quick one-person installation



DUSTPROOF

as per
DIN EN 60598-1
DIN EN 60529

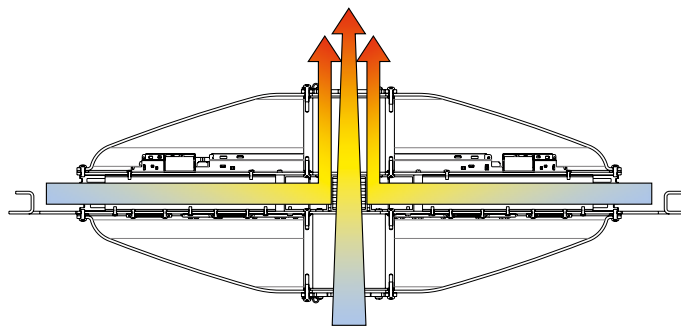


VIBRATION STABILITY

as per
DIN EN 60598-1

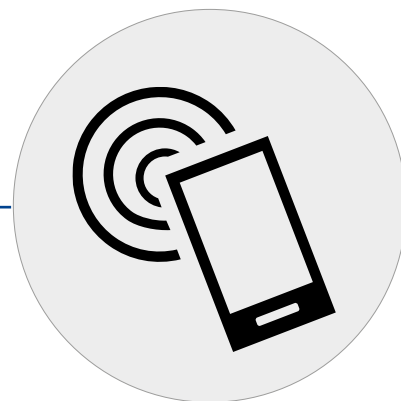
How passive cooling works

In our passively cooled lighting fixtures, the heat inside the fixture is dissipated via an aluminium element, thus obviating the need for active cooling and rendering the lighting fixtures maintenance free.



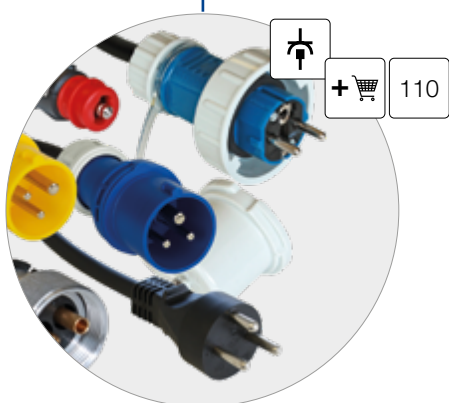
Environmentally friendly and conserves resources thanks to replaceable components

Versions with Casambi Bluetooth® control for wireless networking available

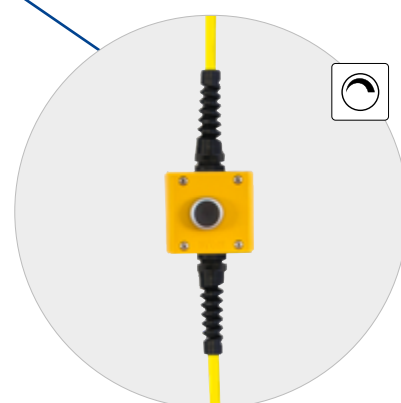


Integrated handle

Different connector systems and longer power supply cable on request

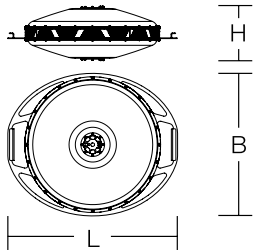


Dimmable version with switchable with push-button (0/I, 1 ... 100%)





Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot (DIN 14640) with the option of straight or 30° inclined mounting.



L 750, B 630, H 250 mm



5.000 K*, R_a ≥ 80
COB-LED



10 m, H07BQ-F
yellow



IK10

*3.000 K / 4.000 K - on request

	Φ	P						
230 V, 50-60 Hz								
80P01000-0006	57.000 lm	380 W	E+F	1 ... 100 %	I	IP 65	15,6 kg	
80P02000-0006	57.000 lm	380 W	E+F	-	I	IP 65	15,0 kg	
80P01001-0006	57.000 lm	380 W	E+F ⁶⁸	1 ... 100 %	I	IP 65	15,7 kg	
80P02001-0006	57.000 lm	380 W	E+F ⁶⁸	-	I	IP 65	15,1 kg	
80P01006-0006	57.000 lm	380 W	CEE 6h	1 ... 100 %	I	IP 65	15,7 kg	
80P02006-0006	57.000 lm	380 W	CEE 6h	-	I	IP 65	15,1 kg	
80P010CH-0006	57.000 lm	380 W	J	1 ... 100 %	I	IP 65	15,6 kg	
80P020CH-0006	57.000 lm	380 W	J	-	I	IP 65	15,0 kg	

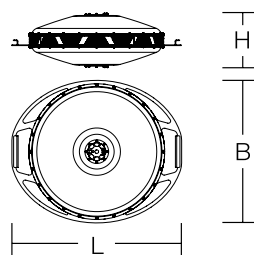
80P01000-0006	h (m)	Ø (m)	E (lx)
	3	9,37	1852
	5	15,62	667
	10	31,24	167
	20	62,47	42
	30	93,71	19

E+F	E+F ⁶⁸	J	CEE 6h
CEE 7/7	CEE 7/7	Typ 13	

Overview of plug-in systems see page 167.



Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot (DIN 14640) with the option of straight or 30° inclined mounting.



L 750, B 630, H 250 mm



	Φ	P					
230 V, 50-60 Hz							
80P01000-0006.B	57.000 lm	380 W	E+F	1 ... 100 %	I	IP 65	15,6 kg
80P01001-0006.B	57.000 lm	380 W	E+F ⁶⁸	1 ... 100 %	I	IP 65	15,6 kg
80P01006-0006.B	57.000 lm	380 W	CEE 6h	1 ... 100 %	I	IP 65	15,6 kg
80P010CH-0006.B	57.000 lm	380 W	J	1 ... 100 %	I	IP 65	15,6 kg



5.000 K*, Ra ≥ 80

COB-LED



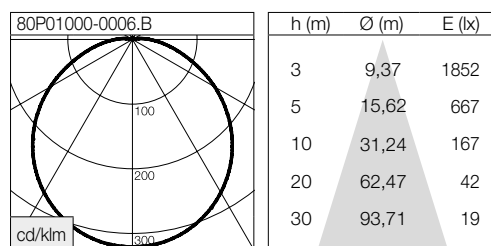
10 m, H07BQ-F

yellow



IK10

*3.000 K / 4.000 K - on request



E+F



CEE 7/7

E+F⁶⁸



CEE 7/7

J



Typ 13

CEE 6h



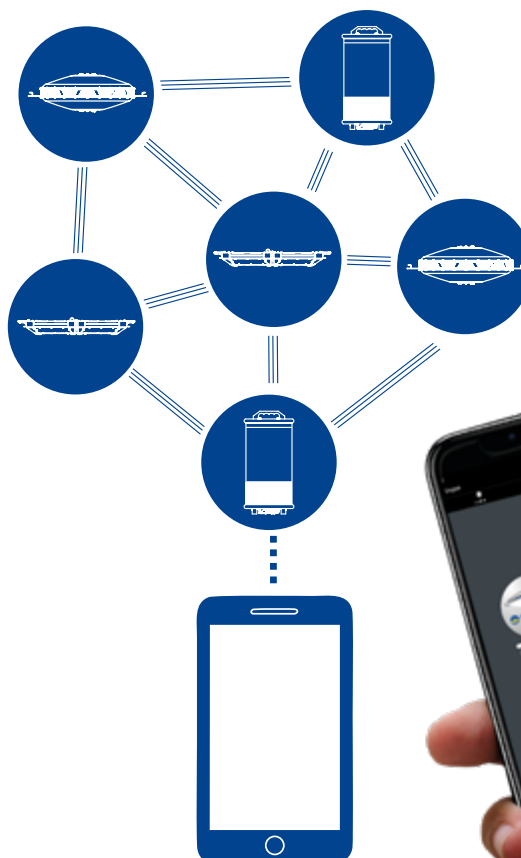
Overview of plug-in systems see page 167.

Smart Control

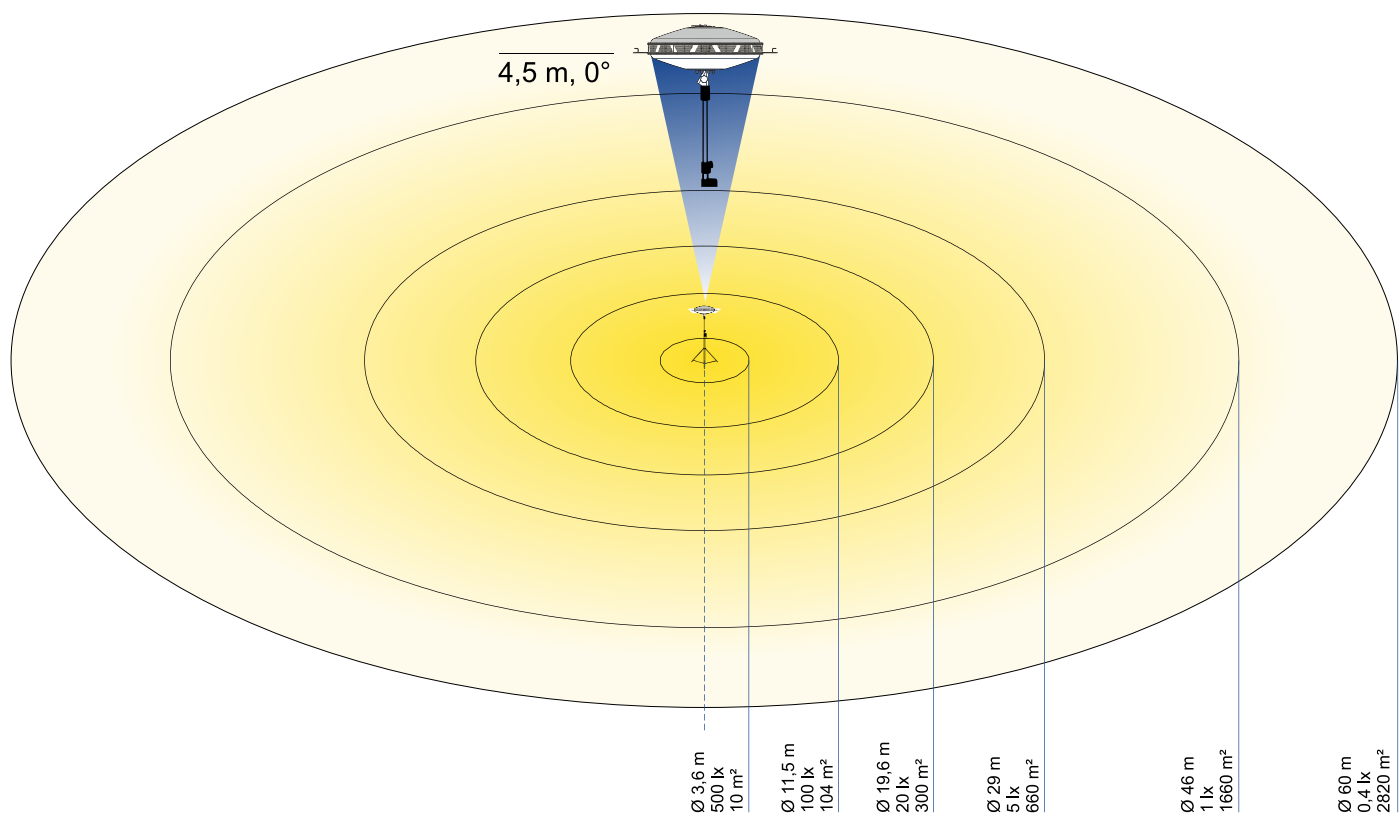
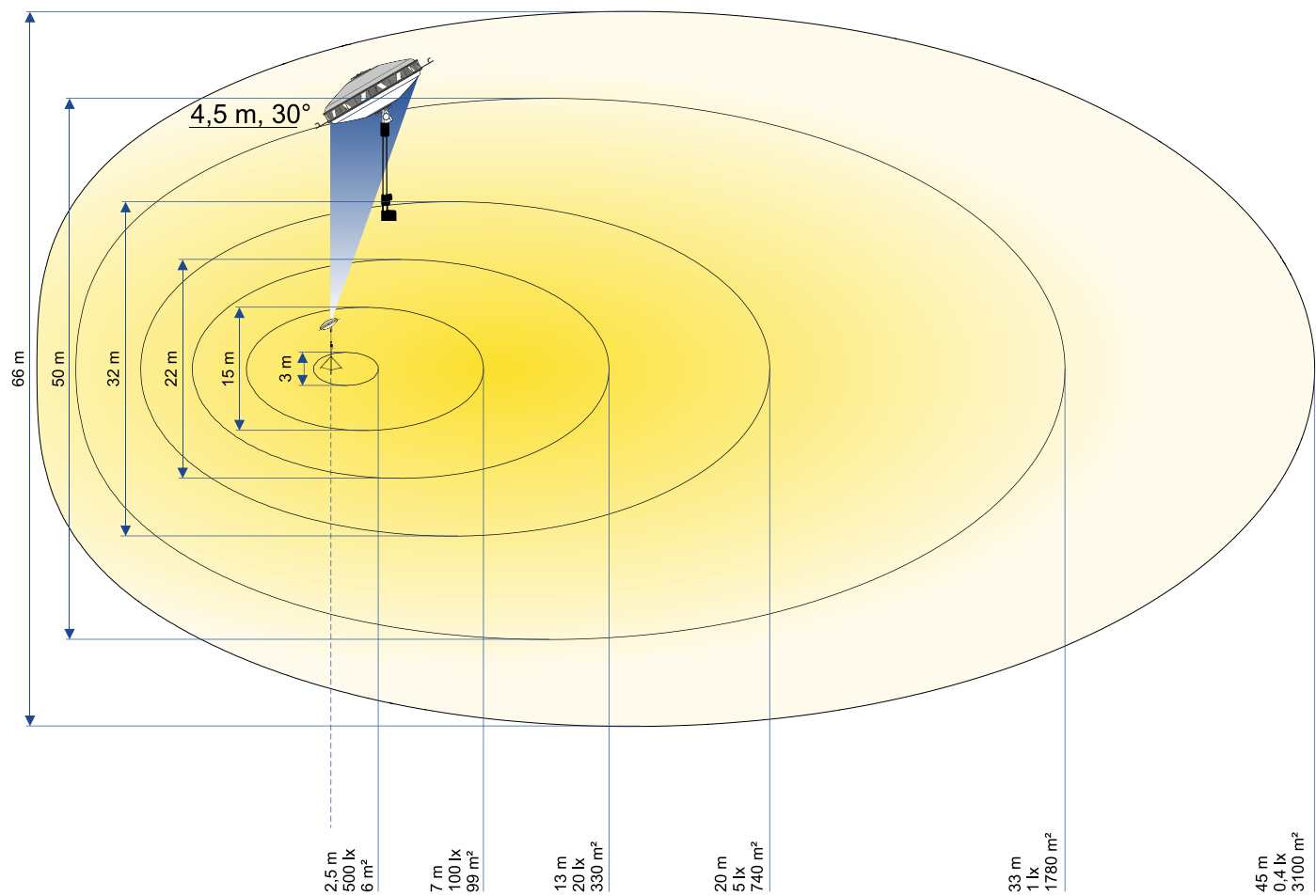
Smart Control stands for the intelligent remote control of luminaires using a mobile app on a mobile phone or tablet. It does not matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires, including existing ones, can be controlled together with an integrated 'Casambi' module can be controlled together. This also applies to our POWERTUBE II, POWERDISK and POWERCASE L. The luminaires are networked via Bluetooth® from mobile device to luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

- ON/OFF
- Dimming
- Timer
- Scenes
- Animations

For installation and operation, see page 118.







Accessories



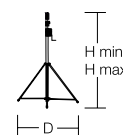
Crank tripod "Premium"

Steel, chrome plated, suitable for 16 and 28 mm spigots, automatic safety lock, load capacity 30 kg, adjustable (1ft.) to compensate uneven ground, self-braking coupling, folding crank.

incl. tripod adapter 28 mm/30 mm (DIN 14640)

Pack size:

L 1.850, B 230, H 160 mm



95-0060-0014.D



H max 3.800, H min 1.740, D 1.300 mm



22,5 kg



Crank tripod „LightmaXX“

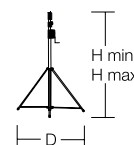
Galvanised steel, chrome-plated and powder-coated, with spigot adapter, automatic safety lock, 1 foot adjustable for levelling on uneven ground, load capacity 85 kg self-braking coupling, fold-away elevator.

incl. tripod adapter 28 mm/30 mm (DIN 14640)

incl. clamping kit for tripod

Pack size:

L 1.810, B 300, H 250 mm



95-0294-0014



H max 4.130, H min 1.750, D 1.730 mm



25,0 kg



Hinged feet with rubber pad

For crank tripod "Premium", stainless steel, set (3 pieces)



95-0266-0001



0,43 kg



Tensioning set

3 x rope cord and peg



95-0267-0001



1,1 kg



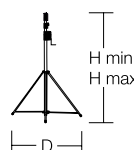
Tripod "Professionell"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, with standard spigot 30 mm (DIN 14640), load capacity 25 kg.

incl. tensioning set (3 x rope cord and peg)

Pack size:

L 1.120, B 200, H 200 mm



95-0257-0014



H max 4.450, H min 1.100, D 1.600 mm




13,3 kg

Carrier box for Tripod "Premium"

Wood, 2 carrier handles
(set with tripod: right side)






	95-0265-0040	 L 1.990, B 325, H 225 mm	 21,2 kg
--	--------------	--	---

Carrier box for Tripod "Professionell"

Wood, 3 carrier handles



	95-0258-0040	 L 1.210, B 265, H 225 mm	 11,9 kg
--	--------------	--	---

Carrier bag for Tripod "Professionell"

Black, 2 carrier handles and
shoulder belt






	95-0264-0001	 L 1.150, B 130, H 240 mm	 0,6 kg
--	--------------	--	--

Set Tripod "Professionell"

The set includes:
Tripod "Professionell"
Carrier box






	95-0257-0014S1	 L 1.210, B 265, H 225 mm	 25,1 kg
--	----------------	--	---

Set Crank tripod "Premium"

The set includes:
Crank tripod "Premium"
Tripod adapter
Tensioning set
Carrier box



	95-0060-0014S1	 L 1.990, B 325, H 225 mm	 44,0 kg
--	----------------	--	---

Accessories



Tripod adapter 28 mm/30 mm (DIN 14640)

Stainless steel, for connection to existing stands with 28 mm



95-0254-0014

↔ L 108, D 38 mm



0,5 kg



Adapter for suspended mounting

Ø 17 mm



95-0255-0014

↔ L 70, B 65, H 72 mm



0,12 kg



Carrier bag for "POWERDISK"

Handles, shoulder belt and transport rollers



95-0259-0001

↔ L 850, B 240, H 680 mm



6,6 kg



Carrier box for "POWERDISK"

Wood, 2 carrier handles



95-0256-0040






↔ L 740, B 290, H 805 mm



17 kg






Set „POWERDISK“

The set includes:
 “POWERDISK”
 adapter for suspended mounting
 carrier bag

	P				
230 V, 50-60 Hz					
80P01000-0006S2	380 W	E+F	✓	I	IP 65
80P02000-0006S2	380 W	E+F	-	I	IP 65
80P01001-0006S2	380 W	E+F ⁶⁸	✓	I	IP 65
80P02001-0006S2	380 W	E+F ⁶⁸	-	I	IP 65
80P01006-0006S2	380 W	CEE 6h	✓	I	IP 65
80P02006-0006S2	380 W	CEE 6h	-	I	IP 65
80P010CH-0006S2	380 W	J	✓	I	IP 65
80P020CH-0006S2	380 W	J	-	I	IP 65


Set „POWERDISK“

The set includes:
 “POWERDISK”
 adapter for suspended mounting
 carrier box

	P				
230 V, 50-60 Hz					
80P01000-0006S1	380 W	E+F	✓	I	IP 65
80P02000-0006S1	380 W	E+F	-	I	IP 65
80P01001-0006S1	380 W	E+F ⁶⁸	✓	I	IP 65
80P02001-0006S1	380 W	E+F ⁶⁸	-	I	IP 65
80P01006-0006S1	380 W	CEE 6h	✓	I	IP 65
80P02006-0006S1	380 W	CEE 6h	-	I	IP 65
80P010CH-0006S1	380 W	J	✓	I	IP 65
80P020CH-0006S1	380 W	J	-	I	IP 65







IP 65

IK08



max. 102.200 lm

max. 160 lm/W

POWERCASE M / L

Mobile large area lights

Whether for rescue and relief operations or for securing crime scenes, whether in building construction and civil engineering or at public events: Proper lighting is an option, a requirement and a success factor. Our POWERCASE provides this light in flawless daylight quality with a magnificent maximum luminaire luminous flux of 102,200 lumens. These large-area luminaires are available in two sizes, M and L.



- Unique case design with handle for convenient and quick transportation
- Multifunctional use: standing on the ground, suspended or mounted to tripod
- Maintenance-free (passive cooling)
- Suitable for wind loads up to 150 km/h
- Robust, impact-resistant construction
- Dimmable
- Versions with Casambi Bluetooth® control for wireless networking available (POWERCASE L)
- Functional upgrades by changing the power cable (dimmable, Casambi)
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

POWERCASE

Features



Unique case design and immediate ready-to-use



High degree of protection IP 65



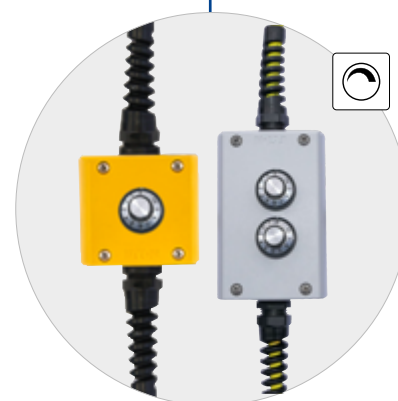
Impact-resistant and break-proof housing



Dimmable versions available

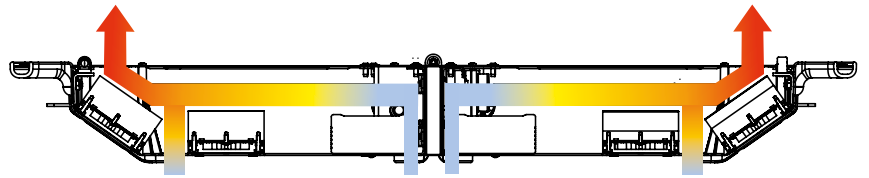


Low heat generation, no cooling phase so immediately portable



How passive cooling works

In our passively cooled lighting fixtures, the heat inside the fixture is dissipated via an aluminium element, thus obviating the need for active cooling and rendering the lighting fixtures maintenancefree.

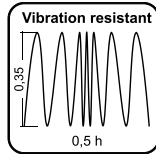


Environmentally friendly and conserves resources thanks to replaceable components



DUSTPROOF

as per
DIN EN 60598-1
DIN EN 60529



VIBRATION STABILITY

as per
DIN EN 60598-1

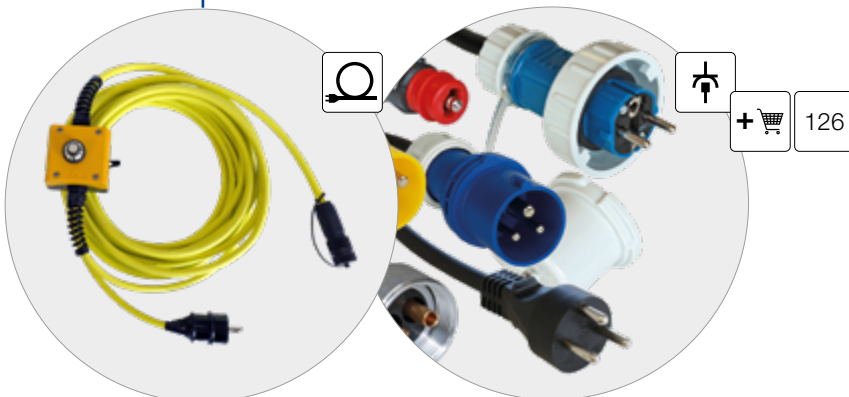


Versions with Casambi Bluetooth® control available with POWERCASE L



Integrated carrying handle

Power cable can be removed/swapped
Alternative plug systems and power cable lengths on request

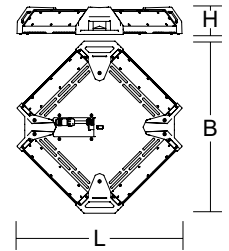


Protective cover for safe transportation





Housing made of aluminium and plastic, cover made of clear plastic (polycarbonate) with lens optics, detachable supply cable with mains plug, non-dimmable or infinitely variable two-sided separately dimmable versions, incl. adapter for DIN spigot mounting according to DIN 14640, alignment of the luminaire possible at 0, 30, 60 or 90°, can be used on a stand or suspended (with accessories), incl. transport bag.



L 695, B 724, H 120 mm



5.000 K*, $R_a \geq 80$

..... LED panel



10 m, H07BQ-F

..... yellow



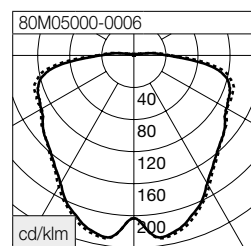
..... IK08



230 V, 50-60 Hz

80M06000-0006	59.000 lm	376 W	E+F	-	I	IP 65	12,6 kg
80M06001-0006	59.000 lm	376 W	E+F ⁶⁸	-	I	IP 65	12,7 kg
80M06006-0006	59.000 lm	376 W	CEE 6h	-	I	IP 65	12,6 kg
80M060CH-0006	59.000 lm	376 W	J	-		IP 65	12,6 kg
80M08000-0006	59.000 lm	376 W	E+F	2 x (0 ... 100 %)*	I	IP 65	13,1 kg
80M08001-0006	59.000 lm	376 W	E+F ⁶⁸	2 x (0 ... 100 %)*	I	IP 65	13,2 kg
80M08006-0006	59.000 lm	376 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	13,1 kg
80M080CH-0006	59.000 lm	376 W	J	2 x (0 ... 100 %)*	I	IP 65	13,1 kg

*separately dimmable



h (m)	Ø (m)	E (lx)
3	9.04	1327
5	15.07	478
10	30.14	120
20	60.29	30
30	90.43	13

E+F

E+F⁶⁸

J

CEE 6h



CEE 7/7



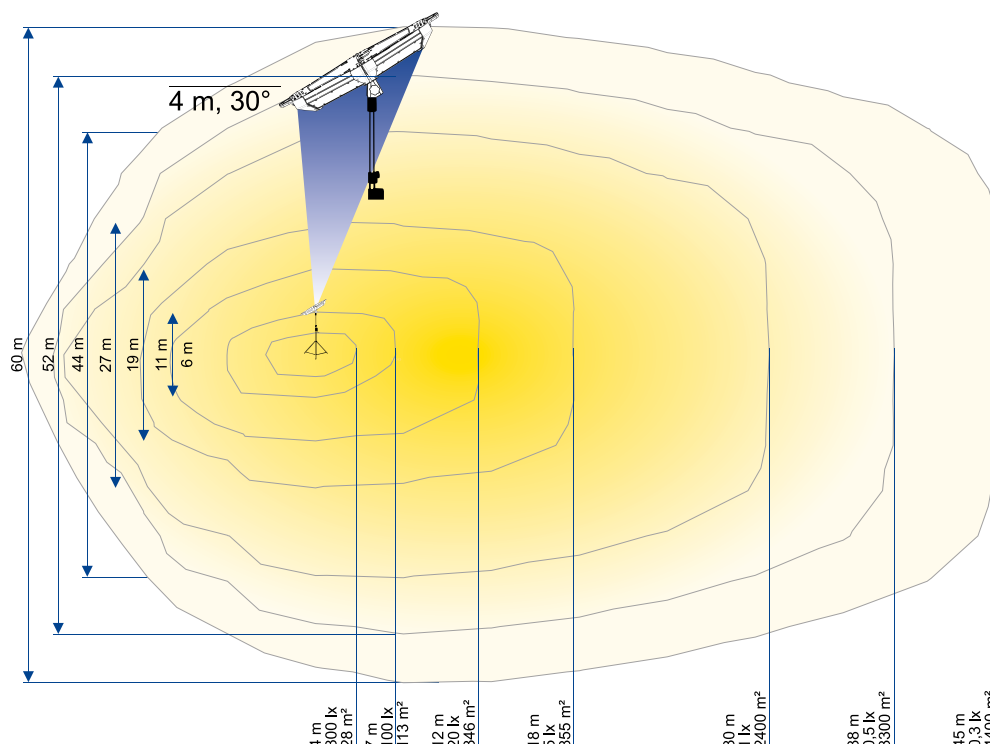
CEE 7/7



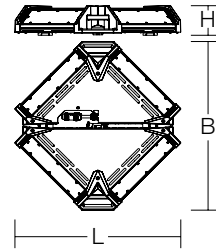
Typ 13



Overview of plug-in systems see page 167.



Housing made of aluminium and plastic, cover made of clear plastic (polycarbonate) with lens optics, detachable supply cable with mains plug, non-dimmable or infinitely variable two-sided separately dimmable versions, incl. adapter for DIN spigot mounting according to DIN 14640, alignment of the luminaire possible at 0, 30, 60 or 90°, can be used upright when folded or unfolded on a stand or suspended (with accessories), incl. transport cover.

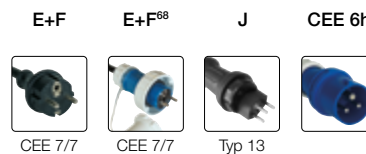
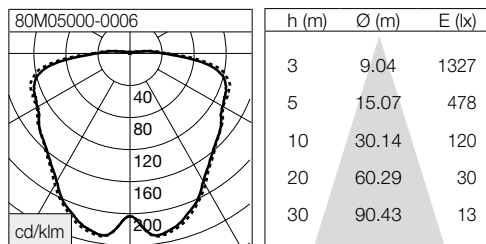


L 695, B 705, H 125 mm



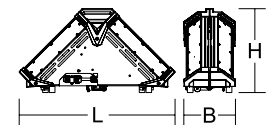
	Φ	P					
230 V, 50-60 Hz							
80M03000-0006	59.000 lm	376 W	E+F	-	I	IP 65	13,1 kg
80M03001-0006	59.000 lm	376 W	E+F ⁶⁸	-	I	IP 65	13,2 kg
80M03006-0006	59.000 lm	376 W	CEE 6h	-	I	IP 65	13,1 kg
80M030CH-0006	59.000 lm	376 W	J	-	I	IP 65	13,1 kg
80M05000-0006	59.000 lm	376 W	E+F	2 x (0 ... 100 %)*	I	IP 65	13,6 kg
80M05001-0006	59.000 lm	376 W	E+F ⁶⁸	2 x (0 ... 100 %)*	I	IP 65	13,7 kg
80M05006-0006	59.000 lm	376 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	13,6 kg
80M050CH-0006	59.000 lm	376 W	J	2 x (0 ... 100 %)*	I	IP 65	13,6 kg

*separately dimmable

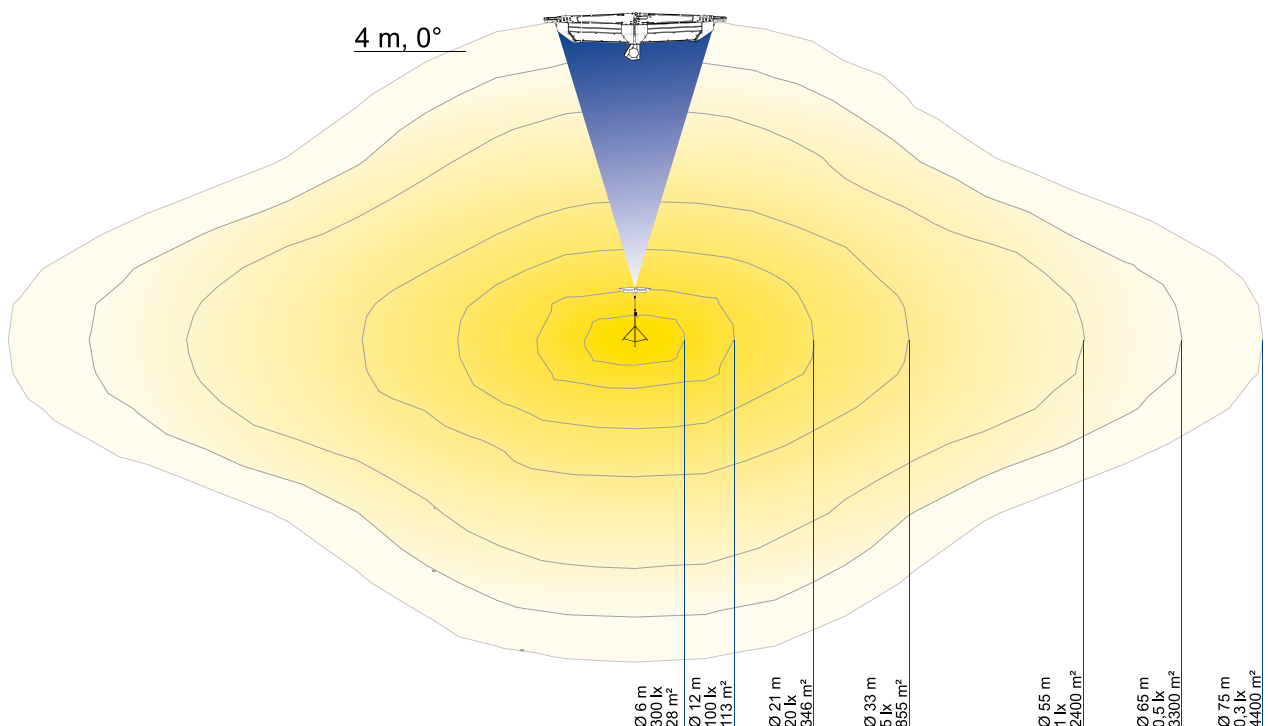


Overview of plug-in systems see page 167.

- 5.000 K*, R_a ≥ 80
LED panel
- 10 m, H07BQ-F
yellow
- IK08

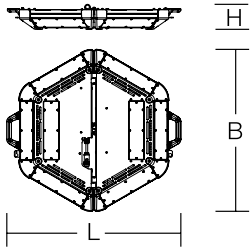


L 692, B 232, H 373 mm














Aluminium / plastic housing, clear polycarbonate cover with lens optics, detachable power supply cable with mains plug and potentiometer, infinitely adjustable, incl. adapter for spigot (DIN 14640 certified) with the possibility of straight or 30° angled assembly, incl. transport cover.

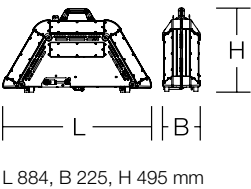


L 949, B 884, H 137 mm

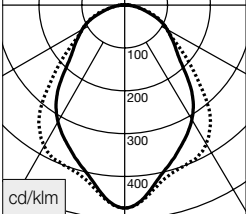
-  5.000 K*, $R_a \geq 80$
..... LED panel
-  10 m, H07BQ-F
..... yellow
-  IK08


	Φ	P					
230 V, 50-60 Hz							
80C03000-0006	102.200 lm	775 W	E+F	-	I	IP 65	20,4 kg
80C03001-0006	102.200 lm	775 W	E+F ⁶⁸	-	I	IP 65	20,4 kg
80C03006-0006	102.200 lm	775 W	CEE 6h	-	I	IP 65	20,4 kg
80C030CH-0006	102.200 lm	775 W	J	-	I	IP 65	20,4 kg
80C04000-0006	102.200 lm	775 W	E+F	0 ... 100 %	I	IP 65	20,4 kg
80C04001-0006	102.200 lm	775 W	E+F ⁶⁸	0 ... 100 %	I	IP 65	20,4 kg
80C04006-0006	102.200 lm	775 W	CEE 6h	0 ... 100 %	I	IP 65	20,4 kg
80C040CH-0006	102.200 lm	775 W	J	0 ... 100 %	I	IP 65	20,4 kg
80C05000-0006	102.200 lm	775 W	E+F	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C05001-0006	102.200 lm	775 W	E+F ⁶⁸	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C05006-0006	102.200 lm	775 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C050CH-0006	102.200 lm	775 W	J	2 x (0 ... 100 %)*	I	IP 65	20,4 kg


*separately dimmable





L 884, B 225, H 495 mm

80C04000-0006	h (m)	Φ (m)	E (lx)
	3	4.97	5220
	5	8.28	1879
	10	16.56	470
	20	33.12	118
	30	49.68	52

E+F

CEE 7/7

E+F⁶⁸

CEE 7/7

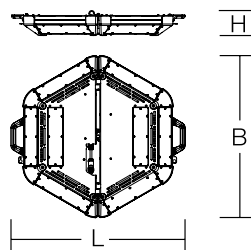
J

Typ 13

CEE 6h


Overview of plug-in systems see page 167.



Aluminium / plastic housing, clear polycarbonate cover with lens optics, detachable power supply cable with mains plug and potentiometer, infinitely adjustable, incl. adapter for spigot (DIN 14640 certified) with the possibility of straight or 30° angled assembly, incl. transport cover.

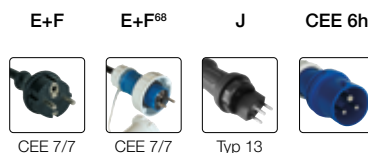
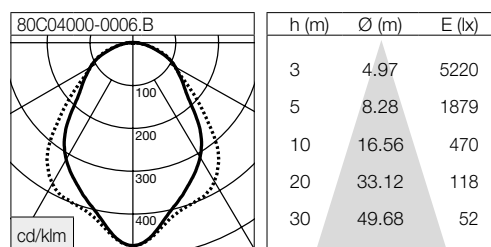


L 949, B 884, H 137 mm



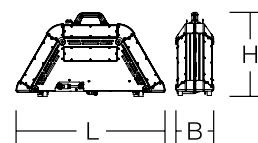
	Φ	P						
230 V, 50-60 Hz								
80C04000-0006.B	102.200 lm	775 W	E+F	2 x (0 ... 100 %)*	I	IP 65	20,4 kg	
80C04001-0006.B	102.200 lm	775 W	E+F ⁶⁸	2 x (0 ... 100 %)*	I	IP 65	20,4 kg	
80C04006-0006.B	102.200 lm	775 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	20,4 kg	
80C040CH-0006.B	102.200 lm	775 W	J	2 x (0 ... 100 %)*	I	IP 65	20,4 kg	

*separately dimmable



Overview of plug-in systems see page 167.

	5.000 K*, R _a ≥ 80
	8 x LED panel
	10 m, H07BQ-F
	yellow
	IK08



L 884, B 225, H 495 mm

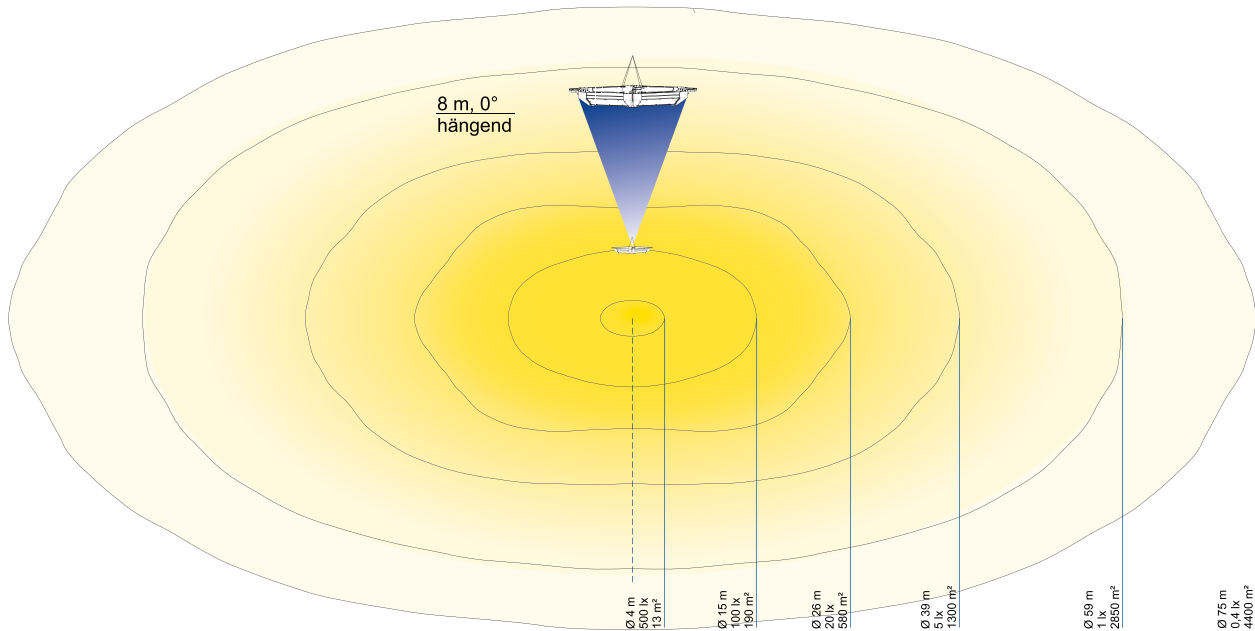
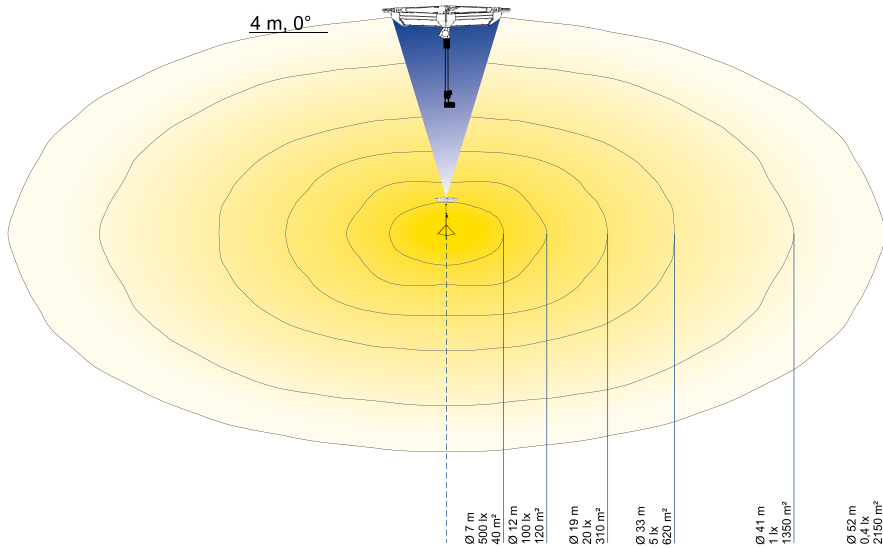
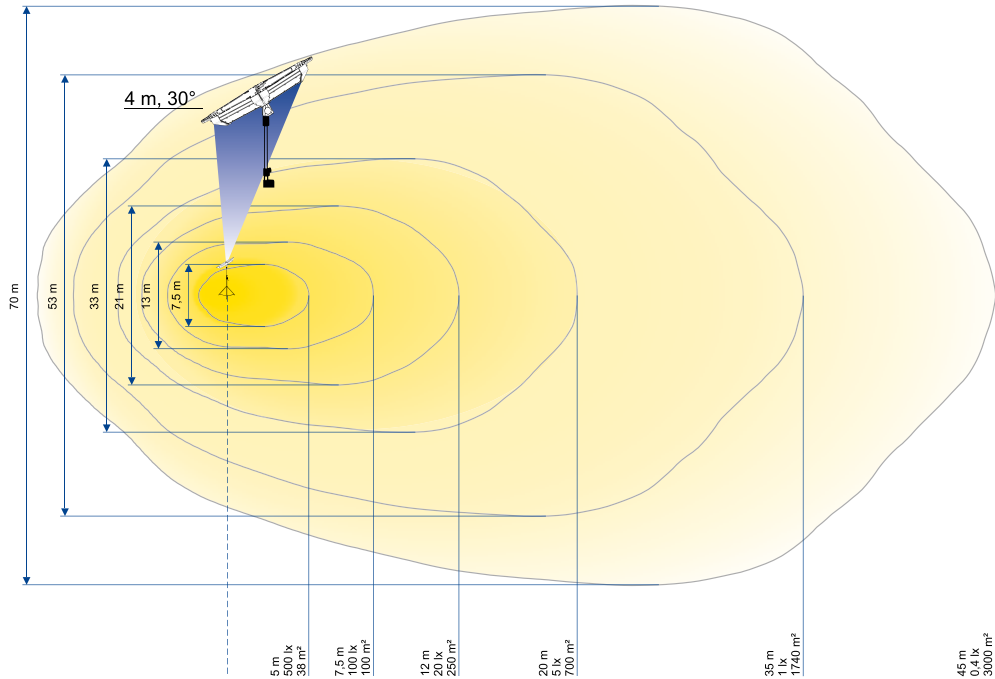
Smart Control

Smart Control stands for the intelligent remote control of luminaires using a mobile app on a mobile phone or tablet. It does not matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires, including existing ones, can be controlled together with an integrated 'Casambi' module can be controlled together. This also applies to our POWERTUBE II, POWERDISK and POWERCASE L. The luminaires are networked via Bluetooth® from mobile device to luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

- ON/OFF
- Dimming
- Timer
- Scenes
- Animations

For installation and operation, see page 118.

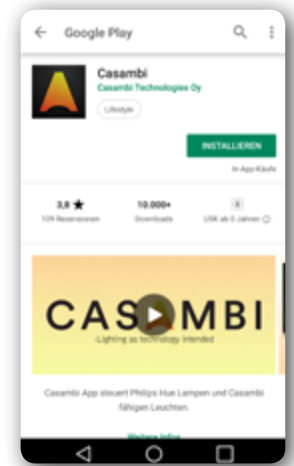






ADVANTAGES OF THE „CASAMBI“-CONTROL SYSTEM

- App available free of charge (Apple iOS and Android)
- Different luminaires and manufacturers can be networked
- Possible access protection by password
- Several network configurations exchangeable
- Synchronization with the Cloud
- Multiple users can control a network
- Extensible interface, API for customization
- iBeacon and sensors usable
- „Intelligence“ is included in every module (no single point of failure)
- Future-oriented software updates via App-Store



CASAMBI USES BLUETOOTH®

- Established standard - Bluetooth Low Energy
- Autonomous networking of modules
- Redundant radio connections possible through meshing
- Control of several luminaires from one central location
- Formation of luminaire groups, pre-programmed scenarios, etc.
- Up to 127 luminaires in one network
- No special gateway necessary as the radio standard is used in smartphones since 2012 (Zigbee or similar require extra hardware)



CASAMBI-APP INSTALLATION

1 Download Casambi-App



2 Turn on all luminaires

3 Switch on Bluetooth®, open Casambi-App

4 All luminaires are automatically listed

5 Select: „add to“

6 All lights are automatically displayed in the „luminaires“ menu



APP-CONTROL

Standard gestures:

You can use the following gestures to control individual luminaires and groups of luminaires set up in the app.



Touch the luminaire icon to turn it on or off.



Move horizontally across the luminaire icon to adjust brightness.

Accessories



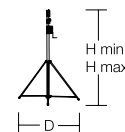
Crank tripod "Premium"

Steel, chrome plated, suitable for 16 and 28 mm spigots, automatic safety lock, load capacity 30 kg, adjustable (1ft.) to compensate uneven ground, self-braking coupling, folding crank.

incl. tripod adapter 28 mm/30 mm (DIN 14640)

Pack size:

L 1.850, B 230, H 160 mm



95-0060-0014.D



H max 3.800, H min 1.740, D 1.300 mm



22,5 kg



Crank tripod „LightmaXX“

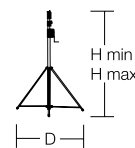
Galvanised steel, chrome-plated and powder-coated, with spigot adapter, automatic safety lock, 1 foot adjustable for levelling on uneven ground, load capacity 85 kg, self-braking coupling, fold-away elevator

incl. tripod adapter 28 mm/30 mm (DIN 14640)

incl. clamping kit for tripod

Pack size:

L 1.810, B 300, H 250 mm



95-0294-0014



Hmax 4.130, Hmin 1.750, D 1.730 mm



25,0 kg



Hinged feet with rubber pad

For crank tripod "Premium", stainless steel, Set (3 pieces)



95-0266-0001



0,43 kg



Tensioning set

3 x rope cord and peg



95-0267-0001



1,1 kg



Push-on disc set for POWERCASE M

Opal plastic discs for tool-free mounting in front of the LED lenses. To reduce the glare of the POWERCASE M when used in confined spaces or at low heights.

Set (4 pieces)



80MZ0001-0005



L 370, H 90 mm






0,32 kg

Carrier box for Tripod "Premium"

Wood, 2 carrier handles



	95-0265-0040	 L 1.990, B 325, H 225 mm	 21,2 kg
--	--------------	--	---

Set Crank tripod "Premium"

The set includes:
Crank tripod "Premium"
Tripod adapter
Tensioning set
Carrier box



	95-0060-0014S1	 L 1.990, B 325, H 225 mm	 44,0 kg
--	----------------	--	---

Set






2x belt strap incl. snap hook
For suspended mounting of POWERCASE L



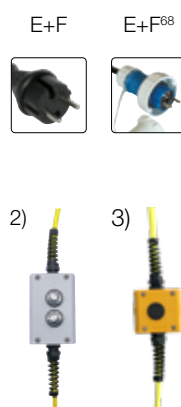
	95-0227-0001	 L 1.000 mm	 0,56 kg
--	--------------	--	---

POWERCASE L supply cables for replacement or function upgrade

Spare cables: H07BQ-F, yellow, length 10 m

				
95-80C300-0004	E+F	-	-	-
95-80C301-0004	E+F ⁶⁸	-	-	-
95-80C400-0004	E+F	0 ... 100 %	1)	-
95-80C401-0004	E+F ⁶⁸	0 ... 100 %	1)	-
95-80C500-0004	E+F	2 x (0 ... 100 %)*	2)	-
95-80C501-0004	E+F ⁶⁸	2 x (0 ... 100 %)*	2)	-
95-80CB00-0004	E+F	2 x (0 ... 100 %)*	3)	✓
95-80CB01-0004	E+F ⁶⁸	2 x (0 ... 100 %)*	3)	✓

*separately dimmable

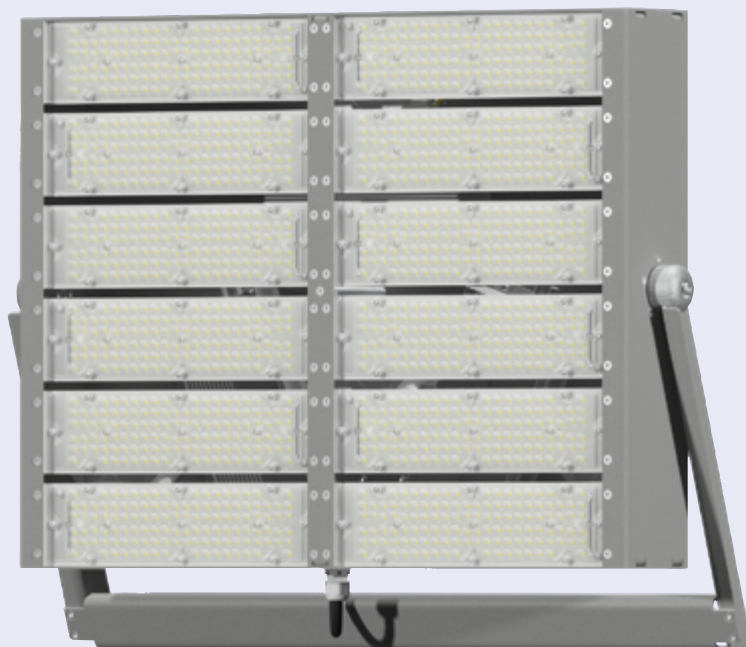


Upgrade through line replacement



1)
If you subsequently need a dimmable luminaire or a luminaire that can be networked via Bluetooth, simply replace the supply cable and upgrade your luminaire with new functions.





IP 66

IK08

max. 150.000 lm

max. 140 lm/W

THORIX II

Large-area spotlight for mounting on masts, trusses or façades

The THORIX II series of spotlights is suitable for an exceptionally broad range of applications thanks to its diverse options. Whether a wide or narrow beam is needed, a large or small area is to be illuminated or whether low or high demands are going to be made of the illuminance: all of these needs can be met by the modular design with its various performance classes and lens optics that can be selected.



- 30°, 60° and 90° beam angle selection
- Swivelling, finely adjustable lamp head
- Housing in lightweight powder-coated aluminium design
- Powder-coated stainless steel mounting bracket
- 1 m H07RN-F connecting cable
- Optional adaptable junction box
- High protection rating up to IP 66
- High colour rendering index $R_a \geq 80$
- LED in daylight white 5,000 K
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components

THORIX II

Features

Optical lens system for 30°, 60° and 90° beam angle selection



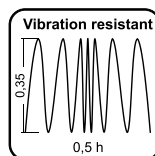
Passive cooling, no wearing parts, maintenance-free



DUSTPROOF



as per
DIN EN 60598-1
DIN EN 60529



VIBRATION STABILITY



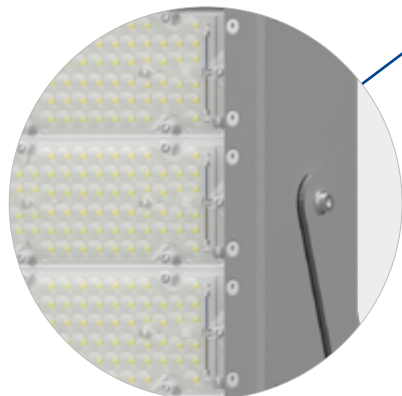
as per
DIN EN 60598-1

Impact and break resistant housing

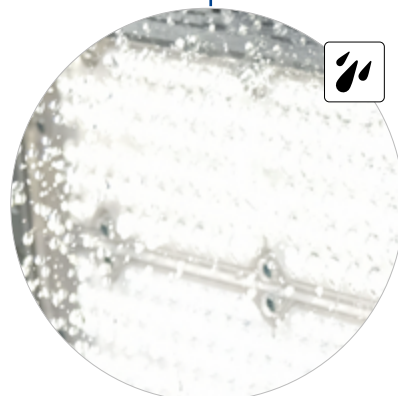
Environmentally friendly and conserves resources thanks to replaceable components



Robust housing in lightweight construction made of aluminum, powder coated



High protection rating IP 66





Finely adjustable illumination direction in 6° steps, 360° swiveling and positionable



Optionally available glare shield to reduce light pollution (Dark Sky)

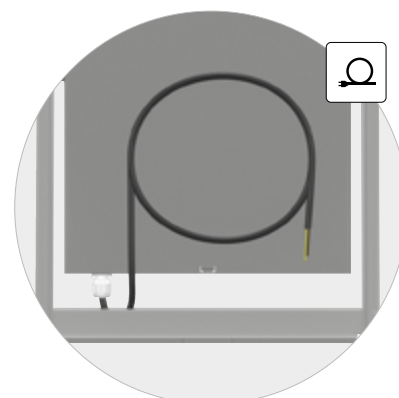
Interception rope to secure the luminaire



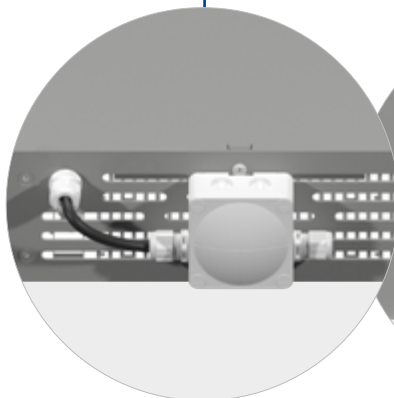
Universal fixing option with slotted holes in the bracket



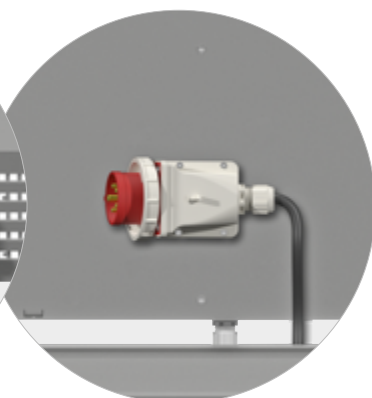
With 1 m supply cable H07RN-F



Mounting bracket made of stainless steel, powder coated



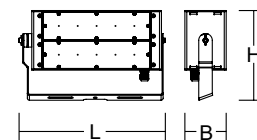
Optionally available junction box and mains connection plug





THORIX II (2-Module)

LED spotlights for wall, ceiling and pole mounting, weatherproof aluminium housing with a powder-coated stainless steel mounting bracket in a metallic silver-grey, luminaire head can be finely adjusted in 6° steps for optimal positioning, clear, impact-resistant polycarbonate cover with choice of lens optics, 1 m flexible H07RN-F connecting cable.



L 432, B 122, H 265 mm

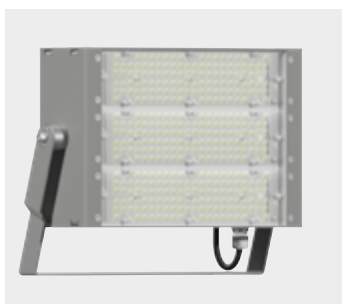
	5.000 K, $R_a \geq 80$
.....	LED panel
	1 m H07RN-F
.....	black
	IK08

	Φ	$\Delta\alpha$	P				
220-240 V, 50/60 Hz							
70T023Z0-0014	24.000 lm	30°	180 W	1,0 m	I	IP 66	6,1 kg
70T026Z0-0014	24.000 lm	60°	180 W	1,0 m	I	IP 66	6,1 kg
70T029Z0-0014	24.000 lm	90°	180 W	1,0 m	I	IP 66	6,1 kg

30°		
h (m)	Ø (m)	E (lx)
10	5	557
20	10	139
30	16	62
40	21	35
50	26	22

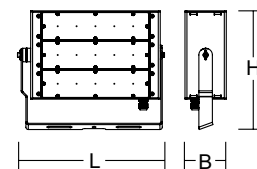
60°		
h (m)	Ø (m)	E (lx)
10	15	150
20	29	37
30	44	17
40	59	9
50	73	6

90°		
h (m)	Ø (m)	E (lx)
10	18	124
20	35	31
30	53	14
40	70	8
50	88	5



THORIX II (3-Module)

LED spotlights for wall, ceiling and pole mounting, weatherproof aluminium housing with a powder-coated stainless steel mounting bracket in a metallic silver-grey, luminaire head can be finely adjusted in 6° steps for optimal positioning, clear, impact-resistant polycarbonate cover with choice of lens optics, 1 m flexible H07RN-F connecting cable.



L 434, B 122, H 351 mm

	5.000 K, $R_a \geq 80$
.....	LED panel
	1 m H07RN-F
.....	black
	IK08

	Φ	$\Delta\alpha$	P				
220-240 V, 50/60 Hz							
70T033Z0-0014	35.000 lm	30°	265 W	1,0 m	I	IP 66	8,8 kg
70T036Z0-0014	35.000 lm	60°	265 W	1,0 m	I	IP 66	8,8 kg
70T039Z0-0014	35.000 lm	90°	265 W	1,0 m	I	IP 66	8,8 kg

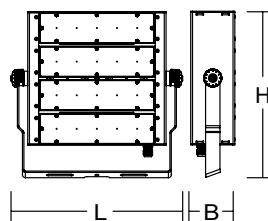
30°		
h (m)	Ø (m)	E (lx)
10	5	775
20	10	194
30	16	86
40	22	48
50	27	31

60°		
h (m)	Ø (m)	E (lx)
10	15	223
20	30	56
30	45	25
40	59	14
50	74	9

90°		
h (m)	Ø (m)	E (lx)
10	17	188
20	36	47
30	55	21
40	73	12
50	91	8

THORIX II (4-Module)

LED spotlights for wall, ceiling and pole mounting, weatherproof aluminium housing with a powder-coated stainless steel mounting bracket in a metallic silver-grey, luminaire head can be finely adjusted in 6° steps for optimal positioning, clear, impact-resistant polycarbonate cover with choice of lens optics, 1 m flexible H07RN-F connecting cable.



L 476, B 122, H 460 mm



	Φ	$\Delta\alpha$	P	Ω			
--	--------	----------------	---	----------	--	--	--

220-240 V, 50/60 Hz

70T043Z0-0014	48.000 lm	30°	370 W	1,0 m	I	IP 66	10,6 kg
70T046Z0-0014	48.000 lm	60°	370 W	1,0 m	I	IP 66	10,6 kg
70T049Z0-0014	48.000 lm	90°	370 W	1,0 m	I	IP 66	10,6 kg



5.000 K, $R_a \geq 80$

..... LED panel



1 m H07RN-F

..... black



..... IK08

30°

h (m)	Ø (m)	E (lx)
10	5	1178
20	10	294
30	15	131
40	20	74
50	26	47

60°

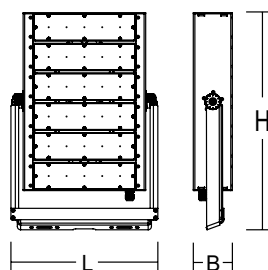
h (m)	Ø (m)	E (lx)
10	15	299
20	30	75
30	44	33
40	59	19
50	74	12

90°

h (m)	Ø (m)	E (lx)
10	18	254
20	36	64
30	54	28
40	73	16
50	91	10

THORIX II (6-Module)

LED spotlights for wall, ceiling and pole mounting, weatherproof aluminium housing with a powder-coated stainless steel mounting bracket in a metallic silver-grey, luminaire head can be finely adjusted in 6° steps for optimal positioning, clear, impact-resistant polycarbonate cover with choice of lens optics, 1 m flexible H07RN-F connecting cable.



L 459, B 122, H 678 mm



	Φ	$\Delta\alpha$	P	Ω			
--	--------	----------------	---	----------	--	--	--

220-240 V, 50/60 Hz

70T063Z0-0014	70.000 lm	30°	535 W	1,0 m	I	IP 66	15,3 kg
70T066Z0-0014	70.000 lm	60°	535 W	1,0 m	I	IP 66	15,3 kg
70T069Z0-0014	70.000 lm	90°	535 W	1,0 m	I	IP 66	15,3 kg



5.000 K, $R_a \geq 80$

..... LED panel



1 m H07RN-F

..... black



..... IK08

30°

h (m)	Ø (m)	E (lx)
20	10	435
40	20	109
60	31	48
80	41	27
100	51	17

60°

h (m)	Ø (m)	E (lx)
20	29	110
40	59	28
60	88	12
80	117	7
100	147	4

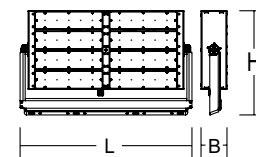
90°

h (m)	Ø (m)	E (lx)
20	37	96
40	74	24
60	111	11
80	148	6
100	185	4



THORIX II (8-Module)

LED spotlights for wall, ceiling and pole mounting, weatherproof aluminium housing with a powder-coated stainless steel mounting bracket in a metallic silver-grey, luminaire head can be finely adjusted in 6° steps for optimal positioning, clear, impact-resistant polycarbonate cover with choice of lens optics, 1 m flexible H07RN-F connecting cable.



L 809, B 122, H 490 mm



5.000 K, $R_a \geq 80$

..... LED panel



1 m H07RN-F

..... black



..... IK08



220-240 V, 50/60 Hz

70T083Z0-0014	97.000 lm	30°	730 W	1,0 m	I	IP 65	21,3 kg
70T086Z0-0014	97.000 lm	60°	730 W	1,0 m	I	IP 65	21,3 kg
70T089Z0-0014	97.000 lm	90°	730 W	1,0 m	I	IP 65	21,3 kg

30°

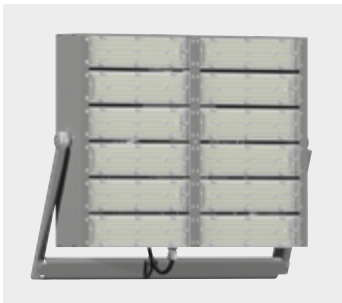
h (m)	Ø (m)	E (lx)
20	10	608
40	20	152
60	30	68
80	41	38
100	51	24

60°

h (m)	Ø (m)	E (lx)
20	30	151
40	59	38
60	89	17
80	118	10
100	148	6

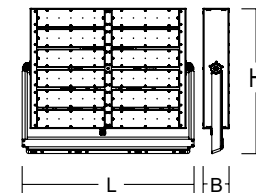
90°

h (m)	Ø (m)	E (lx)
20	37	130
40	73	32
60	110	14
80	146	8
100	183	5



THORIX II (12-Module)

LED spotlights for wall, ceiling and pole mounting, weatherproof aluminium housing with a powder-coated stainless steel mounting bracket in a metallic silver-grey, luminaire head can be finely adjusted in 6° steps for optimal positioning, clear, impact-resistant polycarbonate cover with choice of lens optics, 1 m flexible H07RN-F connecting cable.



L 809, B 122, H 683 mm



5.000 K, $R_a \geq 80$

..... LED panel



1 m H07RN-F

..... black



..... IK08



220-240 V, 50/60 Hz

70T0C3Z0-0014	150.000 lm	30°	1.115 W	230 V	1,0 m	I	IP 65	31,9 kg
70T0C6Z0-0014	150.000 lm	60°	1.115 W	230 V	1,0 m	I	IP 65	31,9 kg
70T0C9Z0-0014	150.000 lm	90°	1.115 W	230 V	1,0 m	I	IP 65	31,9 kg

400 V, 50/60 Hz

70T4C3Z0-0014	150.000 lm	30°	1.115 W	400 V	1,0 m	I	IP 65	31,6 kg
70T4C6Z0-0014	150.000 lm	60°	1.115 W	400 V	1,0 m	I	IP 65	31,6 kg
70T4C9Z0-0014	150.000 lm	90°	1.115 W	400 V	1,0 m	I	IP 65	31,6 kg

30°

h (m)	Ø (m)	E (lx)
20	10	908
40	21	227
60	31	101
80	41	57
100	52	36

60°

h (m)	Ø (m)	E (lx)
20	29	236
40	59	59
60	88	26
80	118	15
100	147	9

90°

h (m)	Ø (m)	E (lx)
20	36	204
40	73	51
60	109	23
80	146	13
100	182	8

Glare shield (2- to 6-Module)

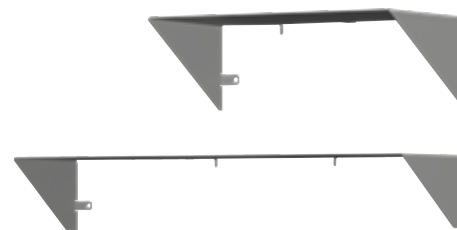
To reduce glare and light pollution (Dark Sky)

2 to 6 modules

1	 95-0281-0014	 0,61 kg
---	--	---

8 to 12 modules

2	 95-0282-0014	 1,05 kg
---	--	---



Adapter plate

Adapter plate for rotatable mounting of a THORIX II on a crossbar. Steel, hot-dip galvanised, including fastening material.

2 to 6 modules

1	 95-0287-0014	 4,40 kg
---	--	---

8 to 12 modules

2	 95-0288-0014	 6,42 kg
---	--	---

1



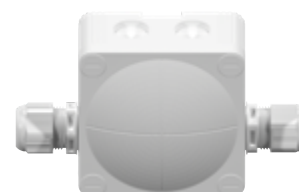
2



Mains junction box

Incl. mounting and installation accessories, for mounting on the luminaire

	95-0283-0001	 0,11 kg
---	--------------	---



Mains surface-mounted plug

CEE, 16A, 6h, 3P+N+PE, IP67
Mounting accessories included, for mounting on the luminaire

	95-0284-0001	 0,25 kg
---	--------------	---



Interception rope

With snap hook to secure the luminaire (L 1,000 mm)

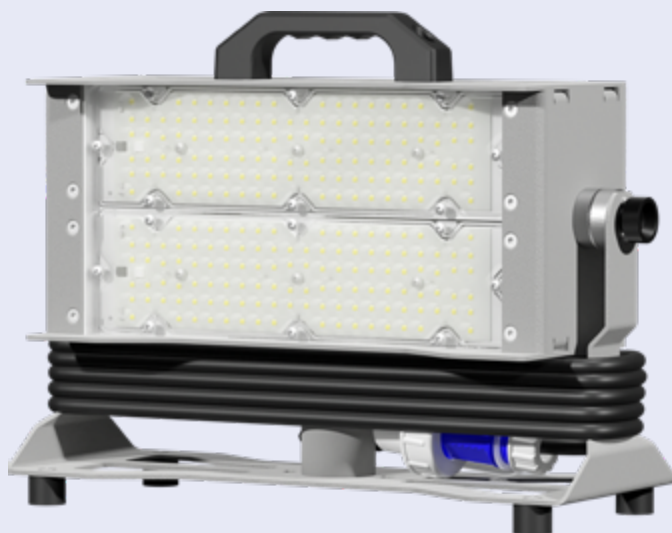
	95-0285-0001	 0,06 kg
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Made in
GERMANY



IP 66

IK08



max. 35.000 lm

max. 130 lm/W

THORIX II Flex

LED spotlights




THORIX II Flex – our new LED spotlight offers just what the name suggests: flexibility. Thanks to its stand with integrated tripod adapter, it can be used in any conceivable application. It stands firmly on the ground with its wide stand and four rubber feet. The modern optical lens system makes it possible to equip this spotlight with different beam angles. The pivotable lamp head can be fixed quickly and easily in 6° steps using a knurled screw. The power cable is a heavy-duty rubber-sheathed cable or in the case of the dimmable version, a yellow polyurethane-sheathed cable. This is fitted with a mains plug with a high protection rating (IP 68). The power cable can quickly be wound around the stand. This ensures safe transportation, further enhanced by the ergonomically positioned plastic handle on the top of the LED spotlight.

- Selectable beam angle 30°, 60° or 90° (or mixed)
- Pivotable lamp head
- Suitable for all tripods with DIN spigot (30 mm / DIN 14640)
- Quick to assemble and dismantle without cooling time
- High protection rating IP 66
- Robust design
- Dimmable
- Wide range of accessories
- Environmentally friendly and conserves resources thanks to replaceable components


THORIX II Flex

Properties


Optical lens system for 30°, 60° and 90° beam angle selection



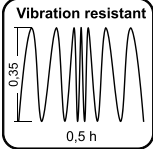
Passive cooling, no wearing parts, maintenance-free




DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529



Vibration resistant
0,35
0,5 h




VIBRATION STABILITY
as per
DIN EN 60598-1




Impact and break resistant housing


Environmentally friendly and conserves resources thanks to replaceable components

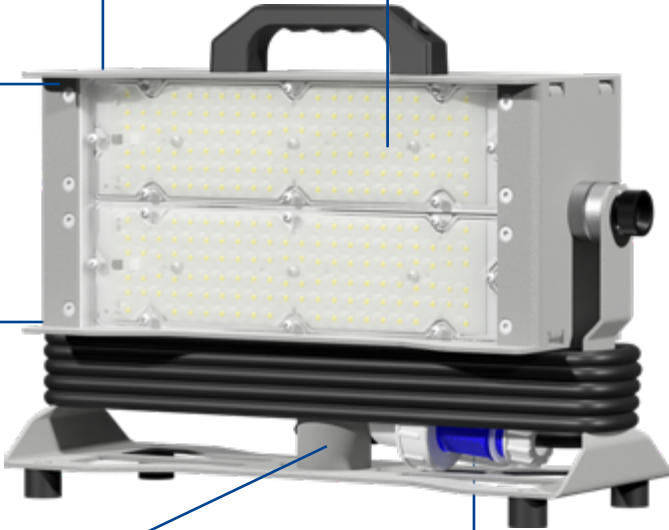


Integrated tripod adapter for DIN spigots (30 mm/DIN 14640)



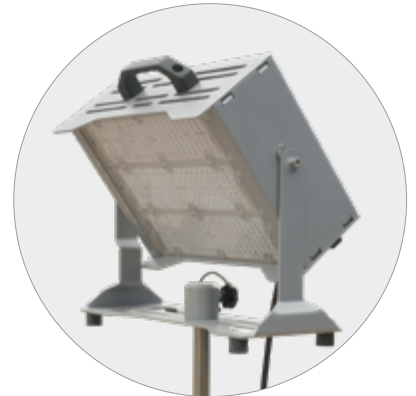
High protection rating IP 66







Integrated carry handle



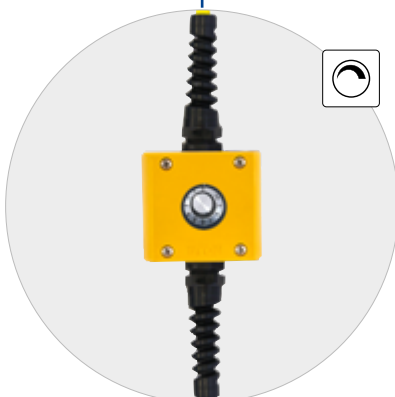
Adjustable lamp head



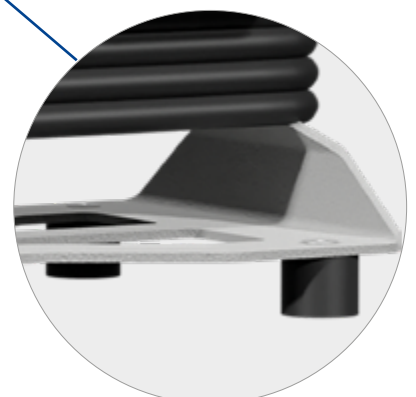
With 10 m H07RN-F/H07BQ-F power cable and IP 68 safety plug

Integrated cable winder

ON/OFF, stepless dimming using potentiometer



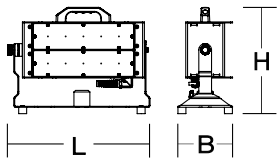
Safer, extra-non-slip stand that will not damage the ground thanks to integrated rubber feet






THORIX II Flex (2-Module)

Universal LED spotlight for mounting on a tripod or standing on the ground, housing: aluminium, silver-grey, powder-coated, stand: steel, silver-grey, powder-coated with 4 rubber feet, robust carry handle made of black plastic, lamp head finely adjustable in 6° steps, transparent PC cover with optical lens system, integrated DIN spigot adapter in accordance with DIN 14640.









L 440, B 173, H 335 mm

 5.000 K, $R_a \geq 80$
..... LED panel

 10 m
..... black / yellow

 IK08

 E+^{F68}

	Φ	$\angle \alpha$	P					
220-240 V, 50/60 Hz								
70F02301-0014	24.000 lm	30°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02601-0014	24.000 lm	60°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02901-0014	24.000 lm	90°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02A01-0014	24.000 lm	30° + 60°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02B01-0014	24.000 lm	30° + 90°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70FD2301-0014	24.000 lm	30°	180 W	✓	H07BQ-F	I	IP 66	8,5 kg
70FD2601-0014	24.000 lm	60°	180 W	✓	H07BQ-F	I	IP 66	8,5 kg
70FD2901-0014	24.000 lm	90°	180 W	✓	H07BQ-F	I	IP 66	8,5 kg

30°		
h (m)	Ø (m)	E (lx)
5	3	2279
10	5	550
15	8	253
20	10	142
25	13	91

60°		
h (m)	Ø (m)	E (lx)
5	7	615
10	15	154
15	22	68
20	29	38
25	37	25

90°		
h (m)	Ø (m)	E (lx)
5	9	497
10	18	124
15	27	55
20	37	31
25	46	20

E+^{F68}

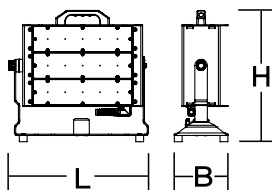


CEE 7/7



THORIX II Flex (3-Module)

Universal LED spotlight for mounting on a tripod or standing on the ground, housing: aluminium, silver-grey, powder-coated, stand: steel, silver-grey, powder-coated with 4 rubber feet, robust carry handle made of black plastic, lamp head finely adjustable in 6° steps, transparent PC cover with optical lens system, integrated DIN spigot adapter in accordance with DIN 14640.



L 440, B 173, H 420 mm



	Φ	$\angle \alpha$	P					
220-240 V, 50/60 Hz								
70F03301-0014	35.000 lm	30°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03601-0014	35.000 lm	60°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03901-0014	35.000 lm	90°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03A01-0014	35.000 lm	60° + 30° + 60°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03B01-0014	35.000 lm	90° + 30° + 90°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70FD3301-0014	35.000 lm	30°	265 W	✓	H07BQ-F	I	IP 66	11,7 kg
70FD3601-0014	35.000 lm	60°	265 W	✓	H07BQ-F	I	IP 66	11,7 kg
70FD3901-0014	35.000 lm	90°	265 W	✓	H07BQ-F	I	IP 66	11,7 kg

	5.000 K, $R_a \geq 80$
	10 m
	black / yellow
	IK08
	E+F ⁶⁸

30°

h (m)	Ø (m)	E (lx)
5	3	3480
10	5	870
15	8	387
20	10	218
25	13	139

60°

h (m)	Ø (m)	E (lx)
5	7	900
10	15	225
15	22	100
20	30	56
25	37	36

90°

h (m)	Ø (m)	E (lx)
5	9	759
10	18	190
15	27	84
20	37	47
25	46	30

E+F⁶⁸



CEE 7/7



Accessories



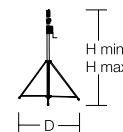
Crank tripod "Premium"

Steel, chrome plated, suitable for 16 and 28 mm spigots, automatic safety lock, load capacity 30 kg, adjustable (1ft.) to compensate uneven ground, self-braking coupling, folding crank.

incl. tripod adapter 28 mm/30 mm (DIN 14640)

Pack size:

L 1.850, B 230, H 160 mm



95-0060-0014.D



H max 3.800, H min 1.740, D 1.300 mm



22,5 kg



Crank tripod „LightmaXX“

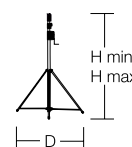
Galvanised steel, chrome-plated and powder-coated, with spigot adapter, automatic safety lock, 1 foot adjustable for levelling on uneven ground, load capacity 85 kg, self-braking coupling, fold-away elevator

incl. tripod adapter 28 mm/30 mm (DIN 14640)

incl. clamping kit for tripod

Pack size:

L 1.810, B 300, H 250 mm



95-0294-0014



H max 4.130, H min 1.750, D 1.730 mm



25,0 kg



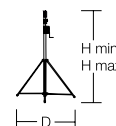
Tripod "Professional"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, with standard spigot 30 mm (DIN 14640), load capacity 25 kg.

incl. tensioning set (3 x rope cord and peg)

Pack size:

L 1.120, B 200, H 200 mm



95-0257-0014



H max 4.450, H min 1.100, D 1.600 mm



13,3 kg



Hinged feet with rubber pad

For crank tripod "Premium", stainless steel, Set (3 pieces)



95-0266-0001



0,43 kg



Tensioning set

3 x rope cord and peg



95-0267-0001



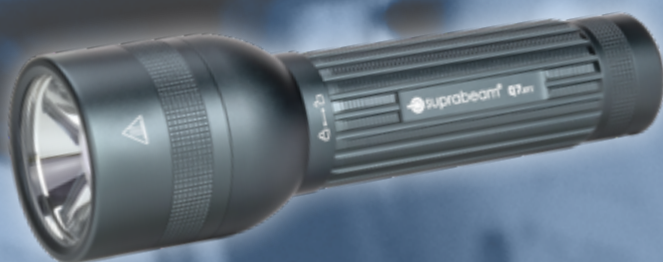
1,1 kg



Hand lamps

Flashlights





SteckGo

141



ACHILLES

147

NEW



suprabeam®

153





Made in
GERMANY



SteckGO*

Light wherever you need it

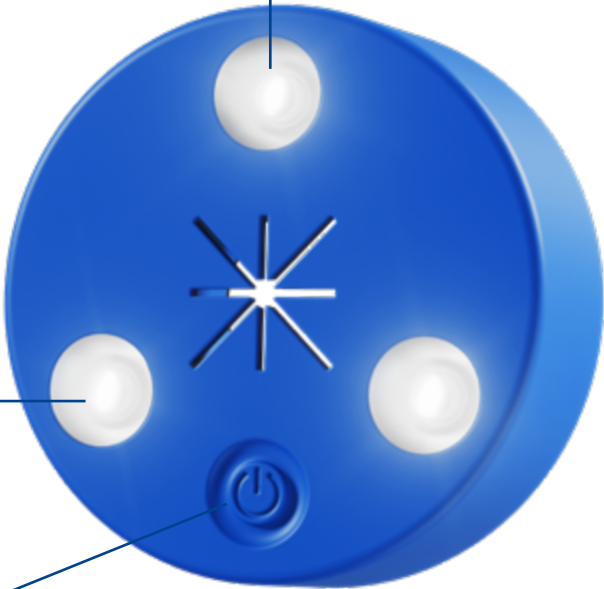
With the universal LED tool light SteckGO, SONLUX offers an innovative addition to classic work lights. Attached directly to the tool, SteckGO exactly spotlights the area for which precise work is required. With its flexible star-shaped tool holder, the puck-shaped light is suitable for uncomplicated, tool-free attachment to a variety of different hand tools such as screwdrivers, socket spanner extensions, cartridge presses, pressure spray guns and other rod-shaped tools with a diameter of 6 to 20 mm.

- Mounting to the tool by pushing it into the desired position
- Lightweight and compact
- Suitable for a wide range of tools (clamping range 6 to 20 mm)
- Duration time up to 2.5 hours
- With on / off button
- Impact-resistant and break-proof housing
- Integrated LiPo battery
- High protection rating IP 44
- High color rendering index CRI ≥ 80
- Patent protected
- Environmentally friendly and resource-saving

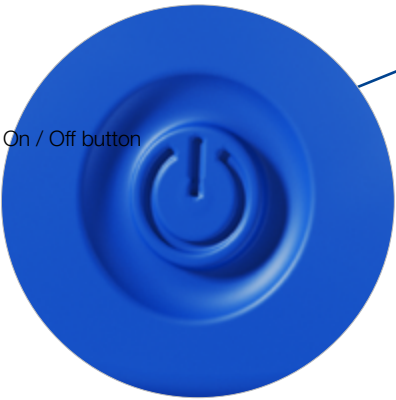




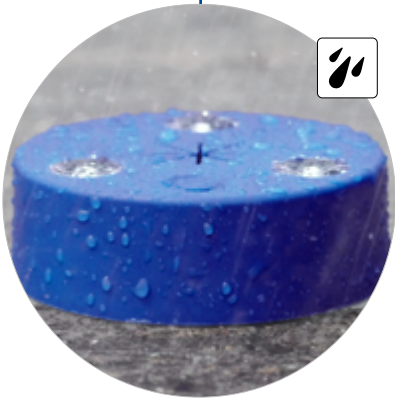
LED in daylight white



Status LEDs during charging



On / Off button



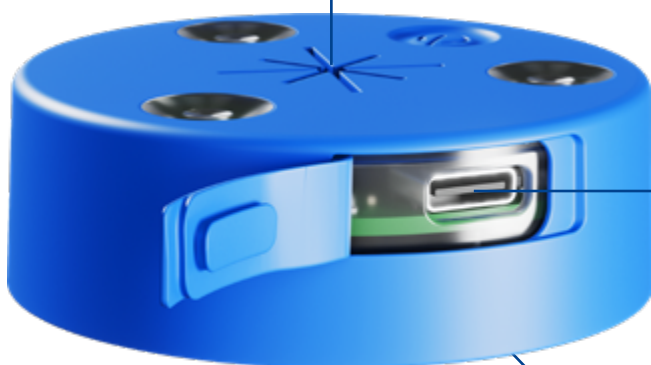
High protection rating IP 44



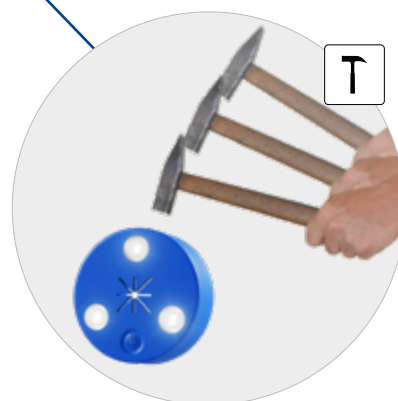
Holder for a wide range of tools
(clamping range 6 to 20 mm)



USB-C charging socket



Impact-resistant and break-proof housing

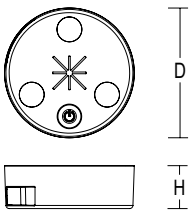


Environmentally friendly and resource-saving due to
integrated rechargeable battery





SteckGO

LED tool light, 2-component housing made of polycarbonate and polyurethane (blue/anthracite), 3 LEDs, on/off button, tool holder for diameters 6 to 20 mm, Li-ion battery, USB-C charging socket, charging status indicator, incl. USB charging cable.




D 60, H 20 mm

 $R_a \geq 80$

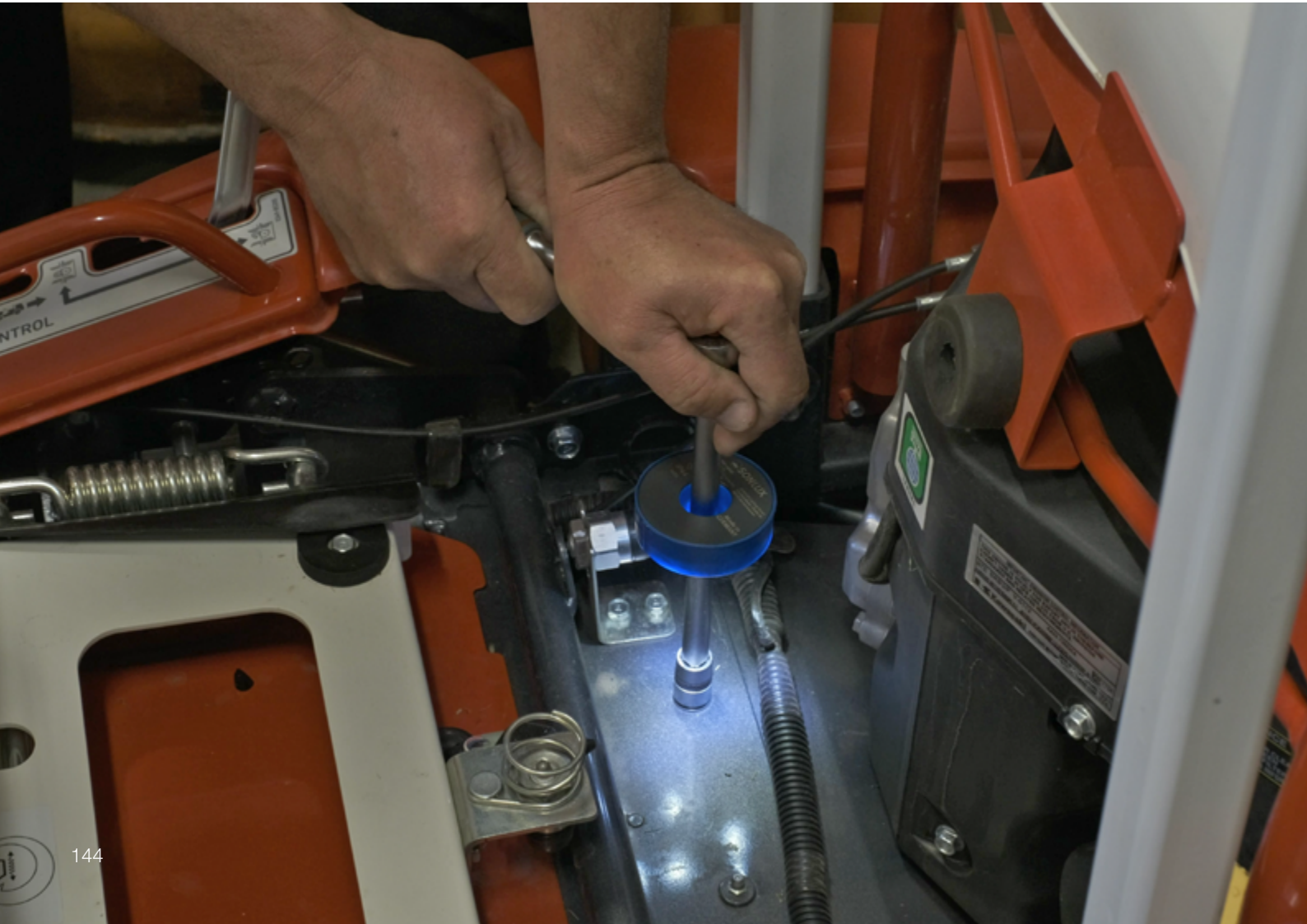
 LiPo battery

 approx. 2,5 h

 2,0 h

					
74-0081-0006	5 V DC	O/I	III	IP 44	37 g

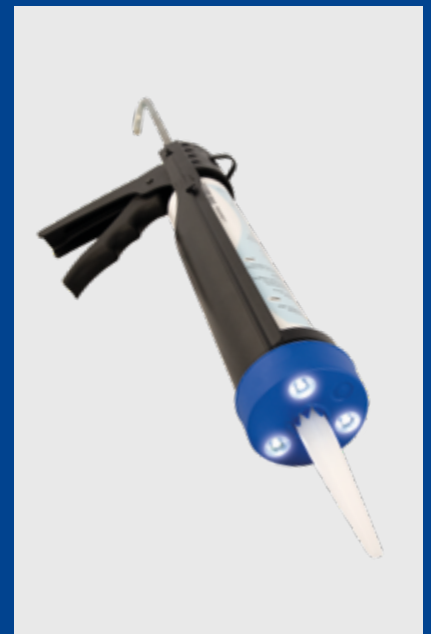
h (m)	Ø (m)	E (lx)
0.1	0.04	5124
0.2	0.09	1281
0.3	0.13	569
0.4	0.18	320
0.5	0.22	205
0.7	0.31	105
1.0	0.45	51



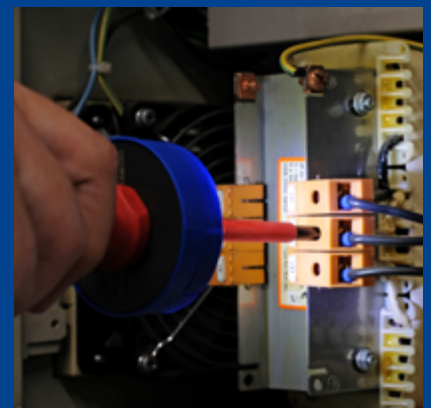


APPLICATIONS

- Cartouche
- Building foam gun
- Screwdriver
- Ratchet
- Carpenter's pencil
- and much more

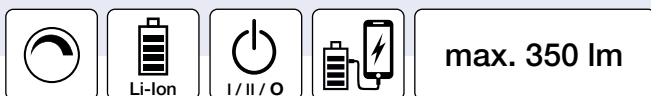


CRAFT
CONSTRUCTION
INDUSTRY
HOME & HOBBY



SMALL. LIGHT. CLEVER.





ACHILLES

Hand-held luminaires

The „ACHILLES“ LED battery-operated hand lamps should not be missing from any toolbox, maintenance or inspection. Robust, yet compact and light as well as equipped with a pleasant soft-touch surface, they are an everyday companion at work.



- Switchable between Front- and Top-LED
- Capacity indicator
- USB-C charging socket (incl. charging cable)
- Universal mounting with magnet or hook
- Adjustable bracket
- Powerbank-function (version „MC maxi“)
- Infinitely dimmable (version „MC maxi“)
- High color rendering index $CRI \geq 96$ (version „MC maxi“)

ACHILLES

Features

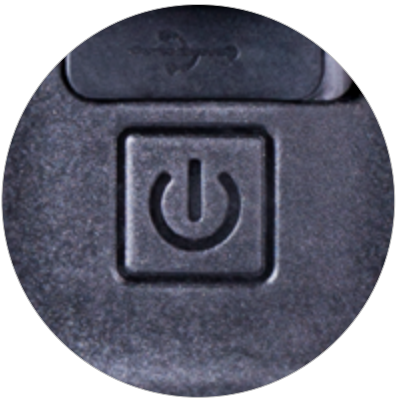


Charge level indicator



Adjustable strap

Switch: ON / OFF



USB-C charging cable



Universal attachment with magnet





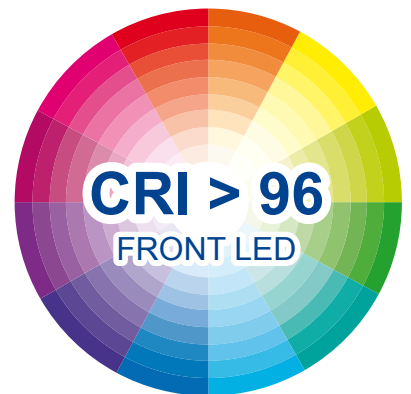
Display of charge status and dimming level via LCD display (version „MC maxi“)



Switchable between Front- and Top-LED



High color rendering index CRI>96 (version „MC maxi“)



Switch: ON / OFF, dimmable: - / +

Adjustable bracket

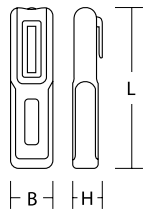
Powerbank function for „MC maxi“ version







ACHILLES mini


Rechargeable hand torch, housing made of rubberised, black plastic, 2 switching levels (front LED/top LED), adjustable bracket with integrated magnetic holder, belt clip, fold-out hook, Li-ion rechargeable battery, capacity indicator, USB-C charging socket, incl. charging cable (USB-A / USB-C).





L 155, B 40, H 30 mm

 ≈ 3 h

 Front LED: 6.400 K, $R_a \geq 80$
..... Top LED: 6.400 K, $R_a \geq 80$

 Li-Ion, 3,7 V,
..... 1.200 mAh

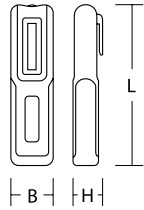
 ≈ 3 h
 USB-C

		Φ				
74-0015-0001	1x COB-LED (Front) 1x LED (Top)	150 lm 50 lm	III	IP 20	USB	130 g





ACHILLES MC maxi


Dimmable rechargeable hand-held torch with excellent colour rendering colour rendering, housing made of rubberised black plastic, with belt clip belt clip, fold-out hook, adjustable blue bracket with integrated magnetic integrated magnetic holder and charge status indicator via LCD display display and power bank function (USB-A), USB-C charging socket, incl. charging cable (USB-A / USB-C).






L 190, B 60, H 32 mm


 ≈ 3 h



 Front LED: 5.000 K, $R_a \geq 96$
..... Top LED: 6.400 K, $R_a \geq 80$

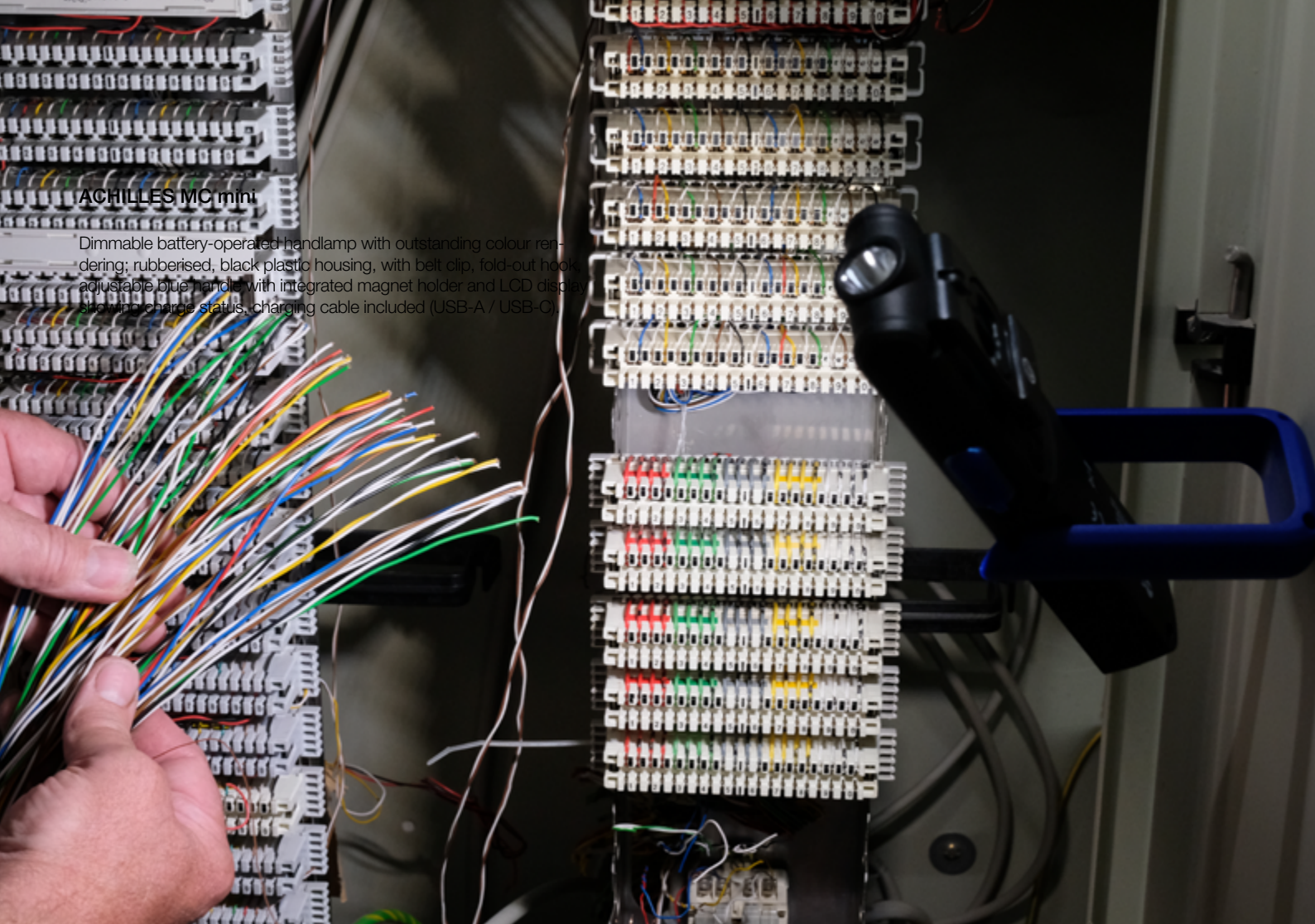
 Li-Ion, 3,7 V,
..... 2.000 mAh

 Front LED | Top LED

 ≈ 5 h
 USB-C

 Powerbank-function

		Φ				
74-0028-0006	1x COB-LED (Front) 1x LED (Top)	350 lm 150 lm	III	IP 20	USB	215 g



ACHILLES MC mini

Dimmable battery-operated handlamp with outstanding colour rendering; rubberised, black plastic housing, with belt clip, fold-out hook, adjustable blue handle with integrated magnet holder and LCD display showing charge status, charging cable included (USB-A / USB-C).





NEW



IP 68



max. 4.200 lm

 **suprabeam®**



SUPRABEAM is a comprehensive portfolio comprising flashlights with rechargeable lithium ion batteries and light-weight head lamps for a wide range of application domains.

- Highest quality with 2-year warranty
- Microcontroller-controlled lighting management ensures high light efficiency
- Long running time due to balanced light intensity
- With „CREE“-Power-LED
- Supplied with comprehensive accessories together with attractive gift box or carrying case



Lifetime Product Support; products no longer covered by the warranty will be repaired free of charge; shipping and any replacement parts required will be invoiced.



Highly robust 6061-T6 aluminium which was originally developed for the aerospace industry



Li-ion battery can be charged directly via USB-C or charging station



Hyperfocus™ technology for LED-light focusing



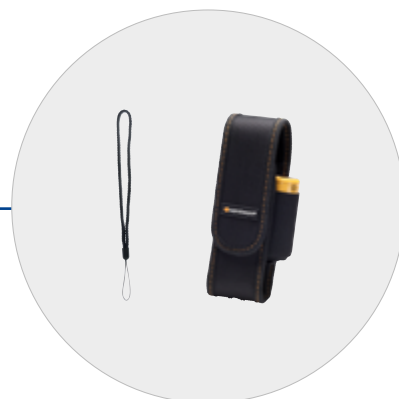
V-series with removable headband,
washable; replaceable foam padding



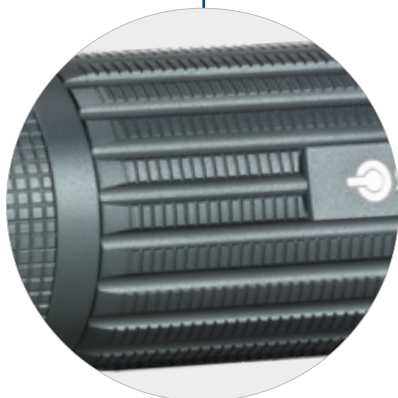
Metal or silicone switch with
touch function on the back (Q1r);
electronic switch with
silicone cover (Q3r, Q7xrs)



Hand strap + pouch with belt
loop and compartment for spare
batteries



Handy surface design





Q1r 74-0204-0020	100 m	Max 550 lm Dim 6-125 lm	1 h 1-50 h	20 ... 70°	1 x Li-Po (720 mAh)	IP 20	-20 ... +50 °C	141,5 mm 15 mm 48 g



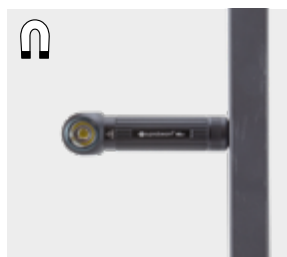
Q3r 74-0222-0020	200 m	Max 1.100 lm Dim 6-600 lm	1,75 h 2-300 h	15 ... 70°	1 x Li-Ion (3.000 mAh)	IP 68	-20 ... +50 °C	122 mm 26,5 mm 130 g



Q7xrs 74-0235-0020	440 m	Max 4.200 lm Dim 6-1.000 lm	2.0 h 2,75-600 h	15 ... 75°	1 x Li-Ion (5.000 mAh)	IP x4	-20 ... +50 °C	158 mm 46 mm 297 g



M6xr 74-0236-0020	165 m	Max Dim 2.000 lm 6-600 lm	2,5 h 2,75-260 h	30/70°	1 x Li-Ion (3.000 mAh)	IP 68	-20 ... +50 °C	110 mm 23 mm 32 mm 114 g



Appendix

Tube lights



Conditions of
sale and delivery

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Signs and symbols

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Connector
systems

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CONDITIONS OF SALE AND DELIVERY

1. General:

Unless explicitly agreed otherwise in writing, the following terms and conditions of sale apply, based on the „General Terms and Conditions of Supply“ for products and services supplied by the electrical industry.

Our terms and conditions of delivery apply even if purchasers exclude the validity of the supplier's terms and conditions of sale in their terms and conditions of purchase and we do not explicitly refute these. Verbal and/or special agreements are only binding if confirmed in writing by ourselves.

2. Prices:

The prices indicated in the price list are gross per unit ex factory, excluding value added tax, and are non-binding. The applicable prices on the day the order is received are used as the basis for calculation unless the order in question has, exceptionally, been explicitly confirmed at fixed prices. Value added tax will be charged separately at the applicable rate.

3. Packaging:

All products come individually packed. The packaging is included. The disposal and all possible related costs are for buyer's account as incurred.

4. Delivery:

Prices are net ex factory. Orders for immediate delivery with a value of more than Euro 500 will be shipped carriage paid to the recipient's central warehouse in Germany, including packaging; except when otherwise stipulated in our order confirmation.

If the value of an order entitles the purchaser to carriage paid shipment or carriage paid shipment including packaging, we reserve the right to ship parts of the order at a later date ex factory and excluding packaging if production-related issues prevent us from delivering these items immediately.

5. Delivery times:

Delivery times indicated in the order confirmations are largely adhered to; they are, however, not binding. We reserve the right to ship orders in parts.

6. Transfer of risk:

The risk is transferred to the purchaser as soon as the shipment leaves our factory. The recipient bears the risk of transportation. Goods damaged in transit will not be reimbursed if breakage insurance of 1 % of the net invoice amount is refused.

7. Retention of title:

Shipped goods remain our property until all outstanding claims against the purchaser have been met in full. The purchaser may use the goods that are subject to retention of title in the course of normal business operations. The purchaser is not permitted to pledge or transfer the goods by way of security or to assign them by any other means; we must be notified immediately of any seizures by third parties or other impairments of goods that are subject to retention of title. The purchaser already consents to assign any claims arising from the re-sale of goods subject to retention of title to the vendor and authorises the vendor to collect said claims. In spite of the aforementioned agreement, the purchaser remains authorised to collect any claims until we revoke such authorisation in writing. Upon our request, the purchaser must notify the debtor of the assignment of the claim. The vendor is entitled to give notice of this assignment. The retention of title also extends to the full value of any products created by processing, blending or combining our goods. In this respect, we are deemed to be the manufacturer, and the purchaser shall exempt us from any obligations arising there from. In the event that third parties retain a right of title to goods used in the processing, blending or combination with our goods, we acquire co-title to the newly created products in the ratio of the invoice values of the processed goods. We are authorised to access the purchaser's warehouse or to commission an agent to access the purchaser's warehouse for the purpose of inspecting the goods that are subject to retention of title. We undertake to release the retention of title at our discretion if the value of the same exceeds the claims to be secured by 20 %.

8. Notification of defects:

The buyer is obliged to check incoming deliveries at the time of receipt of goods is complete and undamaged.

Complaints relating to shipped goods will only be considered if submitted within 8 days from receipt of the goods. The purchaser must provide proof to substantiate any complaint. In the event that we acknowledge the defect, we reserve the right to decide whether to accept the return of the defective merchandise in return for the revocation of the purchase contract or to replace it free of charge within a reasonable

period or to credit the reduction in the value of the goods.

9. Warranties for defects

can only be accepted if such defects have demonstrably been caused by circumstances occurring prior to the transfer of risk. The warranty period is limited to a maximum of 12 months following the transfer of risk. We must be notified of any defects in writing as soon as they are detected. Returns will only be accepted if agreed in advance. Warranty cannot be granted on parts and components which were supplied by customers for the purpose of production of ordered goods.

10. Claims for damages asserted

by the purchaser are excluded, irrespective of the legal grounds on which they are asserted and in particular in respect of any violations of contractual obligations and impermissible actions. This does not apply to statutory liability obligations, e.g. pursuant to the Product Liability Act, in cases of premeditation or gross negligence, if life, limb or health are threatened or material contractual obligations violated. Compensation for violations of material contractual obligations is, however, limited to the contract-specific, foreseeable damage unless such damage is caused by premeditation or gross negligence or liability must be assumed for injury to life, limb or health. The aforementioned regulations do not constitute a reversal of the burden of proof to the disadvantage of the purchaser.

11. Returns:

Purchasers may only cancel an order in part or whole with our prior consent. In such cases, we reserve the right to charge 30 % of the value of the goods as partial reimbursement of our costs. Goods that have already been delivered may only be returned – if at all – in a re-sellable condition and in their original packaging. Custom-made products, merchandise procured at the request of the customer, incandescent and fluorescent lamps and electronic switching equipment may not be returned. In the event that we consent to the return, we will issue a return slip which must be included with the return. Standard and undamaged goods in original packaging will be credited at a maximum of 70 % of the invoiced price. All reconditioning, freight and packaging costs must, moreover, be borne by the purchaser. Returns are always shipped at the risk of the customer returning the merchandise. No credit will be issued for goods returned without a written declaration of consent. Such goods may be disposed of at the sender's expense.

12. Weights, dimensions, technical specifications and illustrations

have been prepared with all due care (E&OE) but are not binding since the construction, design and technical specifications of our products are constantly changing to keep pace with technical progress.

13. Payment terms:

Invoices are payable net and without any deductions within 30 days from invoice date. We grant a 2 % discount on the net value of the merchandise if invoices are paid in advance or within 10 days from invoice date. In the event of delayed payment, we reserve the right to charge default interest at a rate of 5 % above the applicable base rate pursuant to Section 1 Discount Rate Transition Act. A processing surcharge of Euro 10 will be levied on orders with a value of Euro 250 or less. In the event of default, the entire amounts receivable by us become due for payment immediately.

14. Disposal:

Non-private purchasers undertake to ensure the disposal of the purchased products in accordance with the provisions of the German Electrical and Electronic Equipment Act (ElektroG). In the event of resale, the purchaser transfers this obligation to their contractual partner. EU customers not resident in Germany: Please note the implementation of the WEEE Directive in national legislation.

15. Place of performance and general court of jurisdiction

for deliveries and payments and for all other obligations is, without exception, Sondershausen.

16. The General Terms and Conditions of Supply

for products and services supplied by the electrical industry apply. Please do not hesitate to contact us if you require a copy.

Version: 01.03.2012





Chemical Resistance

to the plastics used in the manufactured luminaires

Chemical Agents	max. concentration	PC	PMMA
Acetone		-	-
Battery Acid		o	-
Aliphatic. Hydrocarbons		+	o
Alcohol	30%	+	+
Alcohol concentrate		-	-
Aluminium sulphate	10%	+	
Formic acid	30%	-	o
Ammonia	5%	-	+
Ammonia	25%	-	+
Aniline		-	-
Aromatic hydrocarbons		-	-
Arsenic acid		+	+
Ether		-	-
Caustic potash		-	
Benzene		-	-
Beer		+	+
Blood		+	+
Bromic acid		-	-
Calcium Chloride		+	+
Chloroform		-	-
Chlorophenol		-	-
Chromic acid	40%	o	o
Diesel fuel		o	+
Dioxane		-	-
Acetic acid	5%	+	o
Acetic acid	30%	+	-
Ethyl acetate (ester)		-	-
Ethanol	30%	+	o
Ethanol	50%	+	-
Ethyl acetate		-	-
Ethyl alcohol		+	o
Mineral fat		-	+
Vegetable fat		-	+
Animal fat		-	+
Glycerin		o	+
Glycol		+	+
Glysanin		+	+
Glycerine		o	+
Fuel oil		-	o
Caustic potash	30%	-	+
Potassium nitrate		+	+
milk of lime		o	+
Ketone		-	-
Saline solution	20%	+	+
Carbon dioxide		+	+
Carbon monoxide		+	+

Chemical Agents	max. concentration	PC	PMMA
Hydrocarbons		-	o
Lye		o	+
Lysol		-	-
Sea water		+	+
Methanol		-	-
Methyl chloride		-	-
Lactic acid, aqueous	10%	+	+
Mineral oils		+	+
Sodium hydroxide solution	2%	-	+
Sodium hydroxide solution	10%	-	+
Regular petrol (ROZ 91)		o	-
Petroleum ether		o	+
Phenol		-	-
Nitric acid	10%	+	+
Nitric acid	20%	o	o
Hydrochloric acid	5%	+	+
Hydrochloric acid	15%	+	+
Hydrochloric acid	20%	o	+
Sulfur dioxide		o	-
Sulphuric acid	30%	+	+
Sulphuric acid	50%	+	+
Sulphuric acid	70%	o	o
Hydrogen sulfide		+	+
Soap sud		+	+
Silicone oils		+	o
Soda bleach		+	+
Premium petrol		-	+
Turpentine oil		o	o
Carbon tetrachloride		-	-
Toluene		-	-
Trichloroethylene		-	-
Hydrogen peroxide	30%	o	-
Hydrogen sulfide		+	+
Xylene / Dimethylbenzene		-	-
Citric acid	20%	+	+



+ resistant

o partially resistant







- non-resistant

Types of protection according to EN 60598/VDE 0711

1st digit: Protection against solid objects

	IP 2X	Protection against penetration of solid objects ≥ 12.5 mm
	IP 3X	Protection against penetration of solid objects ≥ 2.5 mm
	IP 4X	Protection against penetration of solid objects ≥ 1 mm
	IP 5X	Protection against dust penetration
	IP 6X	Dust-proof

2nd digit: Protection against water

	IP X0	Unprotected
	IP X1	Protected against water drops (vertically falling drops of water)
	IP X2	Protected against water drops (up to 15° from the vertical)
	IP X3	Splashproof luminaires
	IP X4	Luminaires are protected against water sprays
	IP X5	Luminaires are protected against water jets
	IP X6	Protected against rough sea or heavy jets of water
	IP X7	Protection against temporary immersion
	IP X8	Protection against continuous immersion
	IP X9	Protection against high-pressure/steam jet cleaning
	The specification of a type of protection is only valid with the specified or permitted kind of mounting.	



D symbol


The D mark is used to label luminaires with a limited surface temperature that are certified in accordance with EN 60598-2-24.

They comply with the requirements profile for luminaires for operating sites at risk of fire.

Protection classes



Protection class I

Luminaires for connection to a protective conductor. The protective conductor terminal is marked with . In case of fault: Protection by power supply switch-off by overcurrent protection devices.



Protection class II

Double-insulated luminaires. In addition to the normal insulation, these luminaires also have a further protection insulation. In case of fault: The extra insulation provides double protection for exposed metal parts.




































Protection class III

Luminaires for connection to a protection low voltage (max. 50 V AC), e.g. to a safety transformer which complies with EN 60742/VDE 0551 or to other power sources with comparable safety devices. In case of fault: Protection due to the voltage of 12 V being, in effect, not dangerous.

IK code: Impact protection

There are ten types of protection, corresponding to the minimum impact energy that the enclosure can withstand.

IK00	No impact resistance
IK01	$\leq 0,15$ Joule
IK02	$\leq 0,20$ Joule
IK03	$\leq 0,35$ Joule
IK04	$\leq 0,50$ Joule
IK05	$\leq 0,70$ Joule
IK06	$\leq 1,0$ Joule
IK07	$\leq 2,0$ Joule
IK08	$\leq 5,0$ Joule
IK09	$\leq 10,0$ Joule
IK10	$\leq 20,0$ Joule

	Order number		Number of socket outlets		With / without switch		Battery / rechargeable battery
	Protection class		Degree of protection		Connector system		Height (H), Length (L), Width (B), Diameter (D)
	Weight		Power supply cable		LED		IK code
	Emergency light and torch function		Luminaires with limited surface temperature		System power (Watt)		Dimmable luminaire
	Effective luminous flux of the luminaire (lm)		With through-wiring		Beam angle		Lighting duration
	System performance battery operation		System performance mains operation (with simultaneous battery charging)		Pressure compensating valve against the formation of condensation water in the luminaire		Environmentally friendly and conserves resources
	Casambi Bluetooth® Control		Battery charging time		USB		Charger
	Pocket lamp headlight range		Pocket lamp lighting levels		Pocket lamp lighting duration		Temperature
	Powerbank						

Explanation of values indicated in this catalogue

Luminous flux [lm]

Is defined as the total quantity of light emitted by a luminaire and is measured in lumens [lm]. The values indicated in this catalogue are rated values.

System power [W]

Indicates the luminaire's total power requirements, i.e. the total watts [W] required to power the light source and any ballast or driver needed for operation. The values indicated in this catalogue are rated values.

System efficiency [lm/W]

System efficiency describes the ratio of luminaire luminous flux (lm) to system power (W) used. Power losses due to control gear are already taken into account in the lm/W value. For multi-lumen versions, the nominal value is indicated.

Sales department Germany

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Phone South: +49 151 127 198 45
E-Mail: vertrieb@sonlux.de

Internal sales department

Phone: +49 3632 6522-859
E-Mail: vertrieb@sonlux.de

Central

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E-Mail: info@sonlux.de

Export sales

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E-Mail: export@sonlux.de

Internal Sales Export

Phone: +49 3632 6522-824
E-Mail: export@sonlux.de

Service / Quality management

Phone: +49 3632 6522-861
E-Mail: qm@sonlux.de



	Connector		Socket		Countries
C		C CEE 7/16			BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LI, LT, LU, NL, NO, AT, PL, PT, RO, SE, CH, SK, SI, ES, CZ, HU
E+F	 	E+F (IP X4) ¹ CEE 7/7 ² CEE 7/17			BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LT, LU, NL, AT, PL, PT, RO, SE, SK, SI, ES, CZ, HU
F		E+F (IP X4) CEE 7/7		F CEE 7/3	BG, DE, EE, FI, GR, IS, IT, HR, LV, LT, LU, NL, NO, AT, PL, PT, RO, SE, SK, SI, ES, HU
E		E+F (IP X4) CEE 7/7		E CEE 7/5	BE, FR, PL, SK, CZ
E+F⁶⁸		E+F⁶⁸ (IP 68) CEE 7/7			BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LT, LU, NL, AT, PL, PT, RO, SE, SK, SI, ES, CZ, HU
F⁶⁸		E+F⁶⁸ (IP 68) CEE 7/7	 	F⁶⁸ (IP 68) CEE 7/3	BG, DE, EE, FI, GR, IS, IT, HR, LV, LT, LU, NL, NO, AT, PL, PT, RO, SE, SK, SI, ES, HU
G		G BS 1363			GB, IE, MT, CY
J	 	J ¹ SN 441011, Typ11 ² SN 441011, Typ13			LI, CH
K		K DS 60884-2-D1		K DS 60884-2-D1	DK
CEE 6h		CEE 230 V AC, 50/60Hz, 2P+E, 16A, 6h, blue			
CEE 110		CEE 110 V AC, 50/60Hz, 3P, 16A, 4h, yellow			
CEE 42		CEE 42 V AC, 50/60Hz, 2P, 16A, 12h, white			
CEE 24		CEE 24 V AC, 50/60Hz, 2P, 16A, violett			
DIN		DIN 12 / 24 V DC, DIN 14690			
Car		Car 12 / 24 V DC, Vehicle electrical system			

Other plug / socket versions on request.



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