SONLUX










MOBILE LIGHT

Wherever you need it!

Made in GERMANY



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, responsible conduct 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 m^2 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 luminaires are reliable and durable
- 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

Environmental Management

SONLUX aims to systematically integrate environmental considerations into product development and business processes. During the development phase, we focus on durability and the efficient use of materials and energy throughout the entire life cycle.

A key component of our strategy is the continuous development of our product portfolio and the improvement of our environmental performance in our operations.

The areas of the environment, labour and human rights, sustainable procurement and corporate ethics are regularly assessed by the rating agency EcoVadis.

An environmental management system in accordance with EMAS has been implemented at the Bamberg and Sondershausen sites. Environmental aspects are systematically recorded, reviewed and continuously improved. An environmental programme with specific targets supports 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:

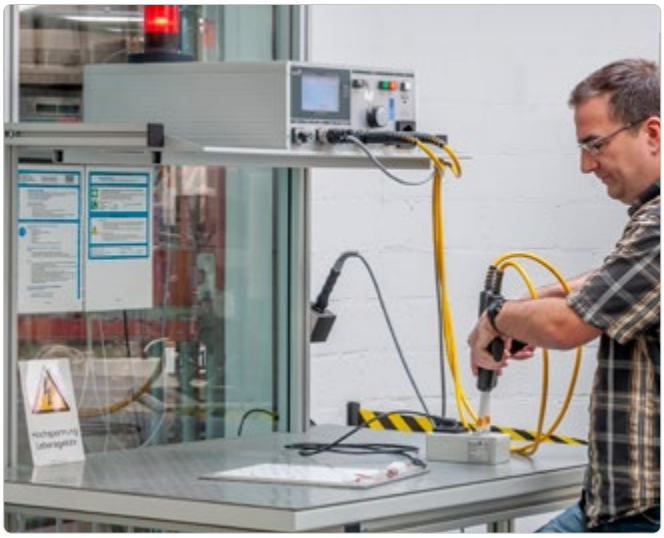
- Industry, construction, trade, agriculture, aviation
- Police, fire brigade, rescue services, armed forces
- Sports events
- Events, film and theatre

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.

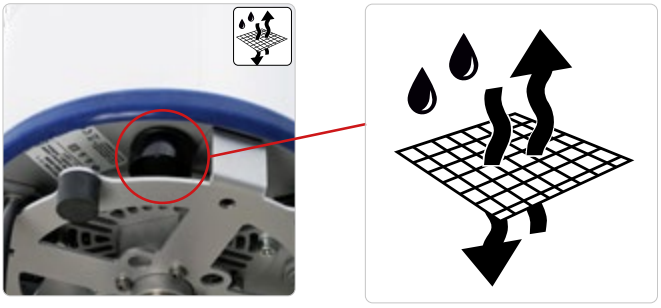


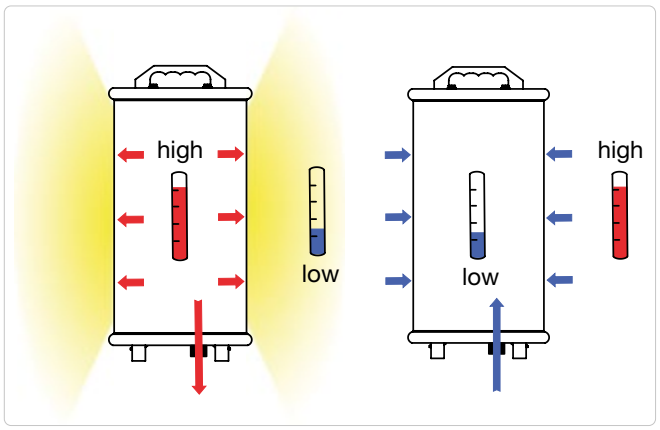


Own development

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

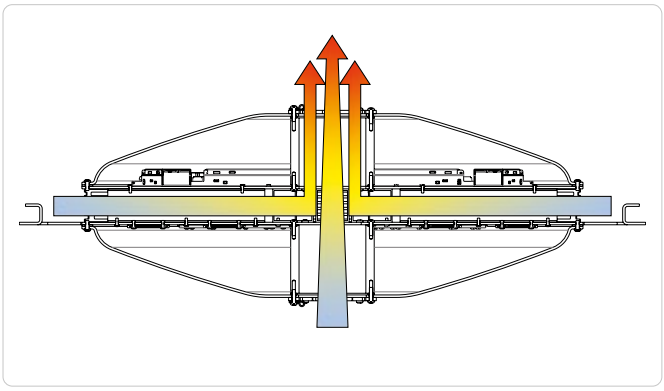
Moisture or condensation and electricity do not go together. This repeatedly leads to failures in lights and other electrical devices. Because where there is water, there is an increased risk of short circuits and thus the failure of electrical equipment.

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

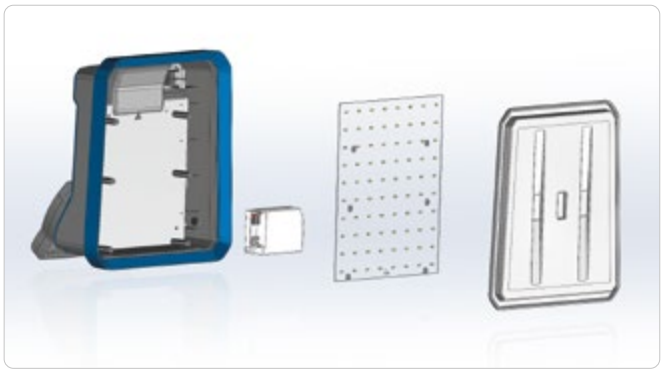
SONLUX luminaires have an advanced heat management system. Inside the luminaires, the heat is dissipated to the outside via an aluminium body. This means that no active cooler is required and the luminaires are completely maintenance-free. This also means that they can be put into operation immediately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

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COMPACT LIGHTS



15

GLADIATOR mini



21 26

GLADIATOR II
GLADIATOR II Accu



29 34 36

GLADIATOR SL I / II
GLADIATOR SL I Accu
GLADIATOR SL I B18V



49

AKIRUS



53

SPARTACUS

HALL AND TENT LUMINAIRE

NEW



61

WISTARA

TUBE LIGHTS



74 76 78

Tube lights Fixed | Mobile
Tube lights Emergency light
Tube lights Chain

HAND LAMPS



132

ACHILLES mini
ACHILLES MC maxi

SONLUX

CONTENTS

LARGE AREA LIGHTING



87

POWERTUBE II M
POWERTUBE II L



95

POWERDISK



103

POWERCASE M
POWERCASE L

NEW



112

POWERWING M
POWERWING L



115

THORIX II



123

THORIX II Flex

TRIPODS



40 42 44 46 92

100 110 128

TUBE LIGHTS

40 GLADIATOR
57 SPARTACUS
67 WISTARA
82 Schutzrohrleuchten
92 POWERTUBE II
100 POWERDISK
110 POWERCASE
121 THORIX II
128 THORIX II FLEX

i

138 Verkaufs- und Lieferbedingungen
141 Zeichenerklärung
144 Kontakt
145 Übersicht Stecksysteme

TECHNICAL CHARACTERISTICS

SONLUX

			Φ	P		IP	
	ACHILLES	132	50 - 350 lm		3,7 V	IP 20	
	GLADIATOR mini	15	3400 lm	27 W	230 V	≤ IP 65	
	GLADIATOR II	21	4700 lm	33 W	230, 42, 24, 12 V	≤ IP 66	
	GLADIATOR II Accu	26	3300 / 1600 lm	24 W	230 / 16,8 V	IP 54	
	GLADIATOR SL I	29	4000 lm	40 W	230 V	≤ IP 66	
	GLADIATOR SL II	29	8000 lm	75 W	230 V	≤ IP 66	
	GLADIATOR SL I Accu	34	4000 lm	29 / 36 W	230 V	IP 66	
	GLADIATOR SL I B18 V	36	4000 lm	29 W	18 V	IP 20	
	AKIRUS	49	5000 lm	30 W	230 V	IP 65	
	SPARTACUS	53	4000 lm	25 W	230, 110, 42, 24 V	≤ IP 65	
NEW 	WISTARA	61	5100 - 18400 lm	38 - 117 W	230 V	≤ IP 65	
	Tube lights	71	1600 - 8000 lm	12 - 56 W	230, 42, 24 V	≤ IP 67	
	POWERTUBE II	87	11000 - 50000 lm	84 - 377 W	230 V	IP 65	
	POWERDISK	95	57000 lm	380 W	230 V	IP 65	
NEW 	POWERCASE M	103	59000 lm	376 W	230 V	IP 65	
	POWERCASE L	103	120.000 lm	775 W	230 V	IP 65	
NEW 	POWERWING	112	100.000 / 150.000 lm	660 W / 980 W	230 V	IP 65	
	THORIX II	115	26400 - 165.000 lm	180 - 1115 W	230, 400 V	≤ IP 66	
	THORIX II Flex	123	26400 - 38500 lm	180 - 265 W	230 V	IP 66	

Specifications subject to alteration.

							Warranty (years)	Spare parts service
			USB		≤ 3 h	✓	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	1	E, F	✓		5-stage	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		E+F			✓	5	✓
	IK08						5	✓
	IK08		E+F			✓	5	✓

Compact lights







GLADIATOR mini

15



GLADIATOR II
GLADIATOR II Accu

21



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

29



AKIRUS

49



SPARTACUS

53





IP65 IK08 D 0...2 Made in Germany **3400 lm** **130 lm/W**

GLADIATOR mini

Mobile light

5 YEARS WARRANTY

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.

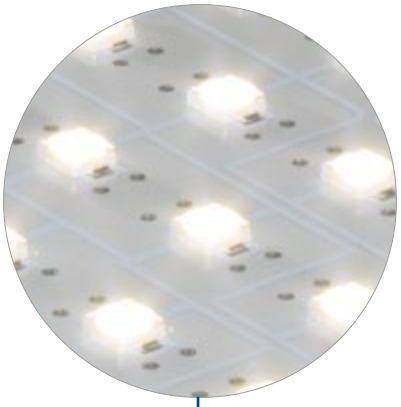
- Impact-resistant and break-proof 2-component compact housing
- High type of protection, optional up to IP 65
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard or multiple shadows
- Available with 2 socket outlets and switch
- Cable storage facility on housing
- Wide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

Resource-saving due to replaceable components

Specifications subject to alteration.

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



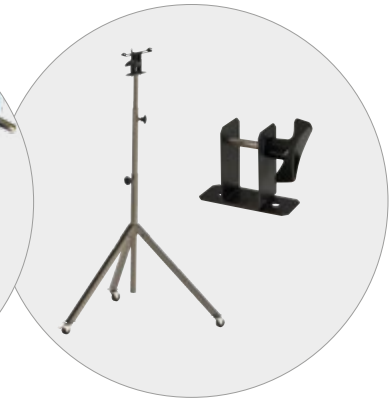


40

Alternative plug-in systems and supply cable lengths on request

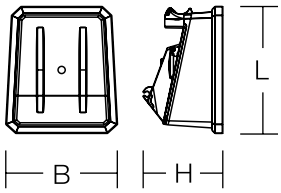
Wide range of accessories







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

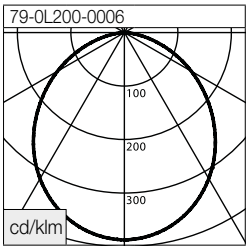


LED ..... 5000 K, $R_a \geq 80$

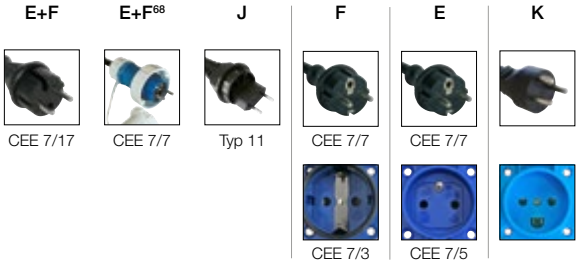
..... ■ H07RN-F

..... IK08

	Φ	P					IP		
230 V, 50-60 Hz									
79-0L000-0006	3400 lm	27 W	-	E+F	-	II	IP 54	2,5 m	1,4 kg
79-0L200-0006	3400 lm	27 W	2	F	O/I	I	IP 54	2,5 m	1,7 kg
79-0L001-0006	3400 lm	27 W	-	E+F[68]	-	II	IP 65	5,0 m	2,1 kg
79-0L0CH-0006	3400 lm	27 W	-	J	-	II	IP 54	2,5 m	1,5 kg
79-0L2DK-0006	3400 lm	27 W	2	K	O/I	I	IP 54	2,5 m	1,8 kg
79-0L2B0-0006	3400 lm	27 W	2	E	O/I	I	IP 54	2,5 m	1,8 kg



h (m)	Ø (m)	E (lx)
1	2.59	1303
2	5.19	326
3	7.78	145
4	10.37	82
5	12.96	52



Overview of plug-in systems see page 145.



GLADIATOR II Accu



IP66 IK08 D 0...3 Li-Ion Made in Germany **max. 4700 lm** **max. 140 lm/W**

GLADIATOR II

Mobile light

5 YEARS WARRANTY

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.

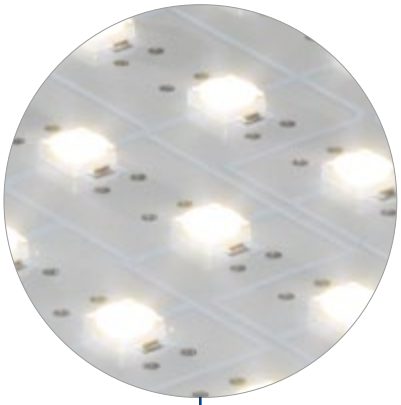
- Impact-resistant and break-proof 2-component compact housing
- High type of protection, optional up to IP 66
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard or multiple shadows
- Optionally available with 3 sockets and switch
- Wide range of accessories
- Resource-saving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

GLADIATOR II

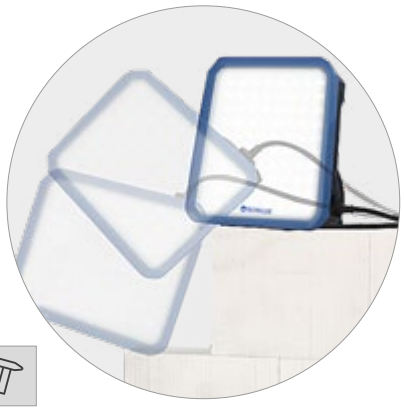
Features



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

Resource-saving due to replaceable components

Specifications subject to alteration.

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



Optional up to 3 socket outlets and switch



Integrated handle



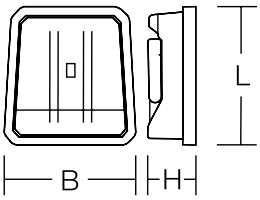
Emergency lighting function at 42 V

Direction of light adjustable with bracket
Alternative plug-in systems and supply cable lengths on request
Wide range of accessories





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



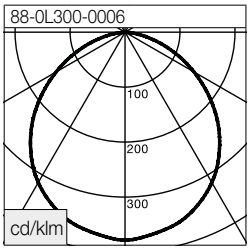
	Φ	P						IP	
230 V, 50-60 Hz									
88-0L000-0006	4700 lm	33 W	-	E+F		-	II	IP 66	2,2 kg
88-0L300-0006	4700 lm	33 W	3	F		O/I	I	IP 54	2,8 kg
88-0L001-0006	4700 lm	33 W	-	E+F[68]		-	II	IP 66	2,5 kg
88-0L101-0006	4700 lm	33 W	1	F[68]		O/I	I	IP 65	2,9 kg
88-0L0CH-0006	4700 lm	33 W	-	J		-	II	IP 66	2,2 kg
88-0L3B0-0006	4700 lm	33 W	3	E		O/I	I	IP 54	2,8 kg
42 V, 50-60 Hz									
88-6L060-0006	4700 lm	35 W	-	CEE 42		-	III	IP 66	2,5 kg
88-6L160-0006	4700 lm	35 W	1	CEE 42		O/I	III	IP 44	2,6 kg
88-6N060-0006	3800 lm	37 W	-	CEE 42	✓	-	III	IP 66	2,8 kg
88-6N160-0006	3800 lm	37 W	1	CEE 42	✓	O/I	III	IP 44	2,9 kg
24 V, 50-60 Hz									
88-5L050-0006	4700 lm	35 W	-	CEE 24		-	III	IP 66	2,5 kg
88-5L150-0006	4700 lm	35 W	1	CEE 24		O/I	III	IP 44	2,6 kg
12 V / 0 Hz									
88-4L040-0006	2450 lm	23 W	-	Car		O/I	III	IP 65	2,3 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

..... IK08

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



h (m)	Ø (m)	E (lx)
1	2.41	1864
2	4.83	466
3	7.24	207
4	9.65	117
5	12.06	75



Overview of plug-in systems see page 145.



IP54 IK08 D ≤ 10 h Li-Ion Made in Germany 3300 lm 140 lm/W

GLADIATOR II Accu

Mobile battery light

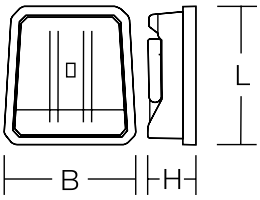
5 YEARS WARRANTY

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
- Resource-saving due to replaceable components

Specifications subject to alteration.

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



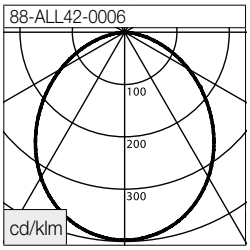
	Φ	P				IP		
88-ALL42-0006.1A	3300 lm	24 W	1	O/I/II	III	IP 54	WEIPU	2,5 kg
88-ALL42-0006	3300 lm	24 W	2	O/I/II	III	IP 54	WEIPU	2,7 kg

LED ..... 5000 K, $R_a \geq 80$

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

..... 5 h (3300 lm)
..... 10 h (1600 lm)

..... IK08



h (m)	Ø (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 145.

	Charger	OUT	I OUT	OUT	IN	I'N	
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

1



2







IP66 IK08 max. 8000 lm max. 140 lm/W

GERMAN DESIGN AWARD WINNER 2020

GLADIATOR SL I / II

Mobile lights

5 YEARS WARRANTY

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.

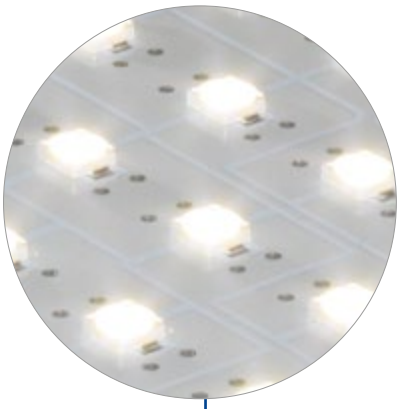
- Impact-resistant and break-proof 2-component housing
- High type of protection up to IP 66
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard shadows or multiple shadows
- Optionally 2 socket outlets and switch
- Wide range of accessories
- Resource-saving due to replaceable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

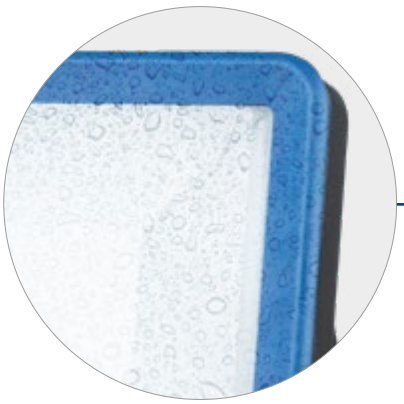


LED panel with high-efficiency-SMD-LEDs

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)



IP

High degree of protection up to IP 65

Resource-saving due to replaceable components

Specifications subject to alteration.

Pressure equalisation valve to prevent condensation forming in the luminaire

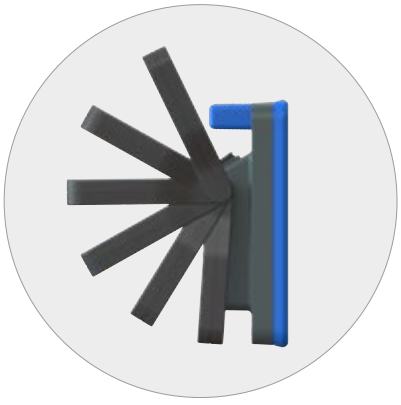


Optional up to 2 socket outlets and switch



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

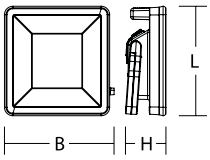
+ 44




isover
Integra AP HWF Top
ANTI RUTSCH

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

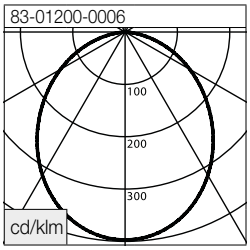


	Φ	P					IP	
230 V, 50/60 Hz								
83-01000-0006	4000 lm	40 W	-	E+F	-	II	IP 66	2,3 kg
83-01200-0006	4000 lm	40 W	2	F	O/I	I	IP 54	2,7 kg
83-012B0-0006	4000 lm	40 W	2	E	O/I	I	IP 44	2,7 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

..... IK08

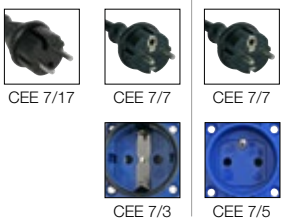


h (m)	Ø (m)	E (lx)
1	2.44	1587
2	4.87	397
3	7.31	176
4	9.74	99
5	12.18	64

E+F: CEE 7/17, CEE 7/3

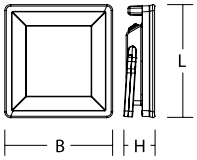
F: CEE 7/7, CEE 7/3

E: CEE 7/7, CEE 7/5



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

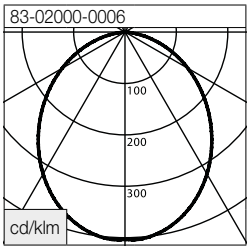


	Φ	P					IP	
230 V, 50/60 Hz								
83-02000-0006	8000 lm	75 W	-	E+F	-	II	IP 66	3,5 kg
83-02200-0006	8000 lm	75 W	2	F	O/I	I	IP 54	3,9 kg
83-022B0-0006	8000 lm	75 W	2	E	O/I	I	IP 44	3,9 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

..... IK08



h (m)	Ø (m)	E (lx)
1	2.38	3199
2	4.76	800
3	7.13	356
4	9.51	200
5	11.89	128

E+F: CEE 7/17, CEE 7/3

F: CEE 7/7, CEE 7/3

E: CEE 7/7, CEE 7/5



Overview of plug-in systems see page 145.





IP66 IK07 D ≤ 10 h Li-Ion Made in Germany 4000 lm 140 lm/W

GLADIATOR SL I Accu

Mobile hybrid battery light

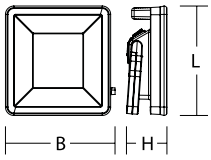
5 YEARS WARRANTY

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
- Resource-saving due to replaceable components

Specifications subject to alteration.

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.



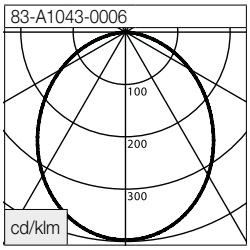
L 283, B 272, H 104 mm



	Φ					IP	
230 V, 50/60 Hz							
83-A1043-0006	4000 lm	18 V DC	✓	O/I	III	IP 66	2,4 kg

	OUT	OUT	IN	IN	
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

E+F



CEE 7/17

Overview of plug-in systems see page 145.

LED ..... 5000 K, $R_a \geq 80$

P ..... 29 W

P Ω ..... max. 36 W

Li-Ion ..... Li-Ion, 38 Wh
2,6 Ah, 14,8 V DC

..... ≤ 10 h

..... IK07

..... 5 % | 10 %
20 % | 50 % | 100 %



Phosphorescent, luminescent in the dark luminescent user interface



IK08 | ≤ 30 h | Li-Ion | Made in Germany | 4000 lm | 140 lm/W

GLADIATOR SL I B18 V

Powerful battery light

5 YEARS WARRANTY

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-ProCORE18 V 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
- Resource-saving due to replaceable components

Powered by

BOSCH
MAKITA
MILWAUKEE

Specifications subject to alteration.

PROFESSIONAL 18 V SYSTEM
POWERED BY BOSCH

AMP Share

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



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



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

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.

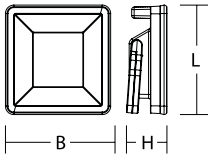
With the use of the adapter, existing rechargeable batteries can be used. This saves costs and simplifies tooling.



BOSCH-MILWAUKEE


SONLUX
18V
18 Volt

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			IP	
	18 V, 0 Hz						
1	83-B1000-0006	4000 lm	29 W	✓	III	IP 20	1,6 kg
2	83-B1000-0006.MA	4000 lm	29 W	✓	III	IP 20	1,7 kg
3	83-B1000-0006.MI	4000 lm	29 W	✓	III	IP 20	1,7 kg

LED ..... 5000 K, $R_a \geq 80$

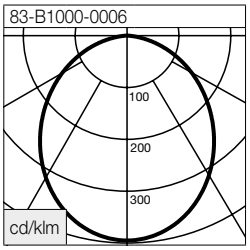
Li-Ion ..... Li-Ion (Bosch) 5 Ah, 18 V DC

..... ≤ 30 h

..... IK08

..... 10 % | 25 % 50 % | 75 % |100 %

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



h (m)	Ø (m)	E (lx)
1	2.47	1551
2	4.94	388
3	7.41	172
4	9.87	97
5	12.34	62

1 83-B1000-0006



2 **SET**: 83-B1000-0006.MA



MAKITA Adapter

3 **SET**: 83-B1000-0006.MI



MILWAUKEE Adapter

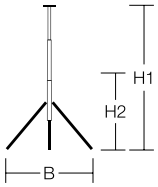
Accessories



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



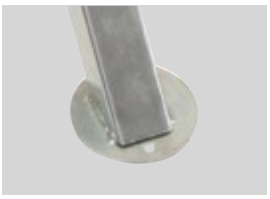
With castors (one with brake)

↤↦ 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

Specifications subject to alteration.

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

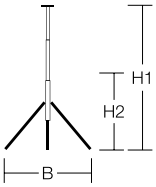
Accessories



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



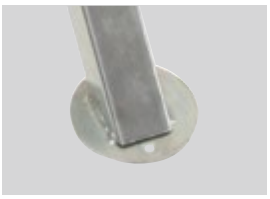
With castors (one with brake)

H1 2.600, H2 1.050, B 850 mm



Without castors

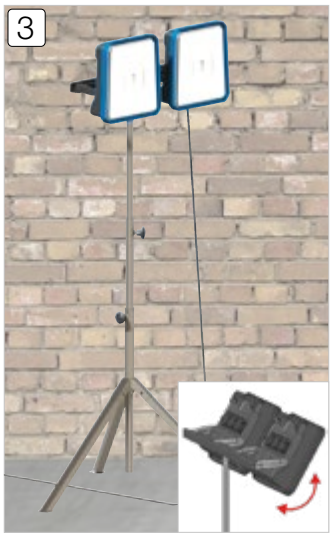
H1 2.550, H2 1.000, B 850 mm

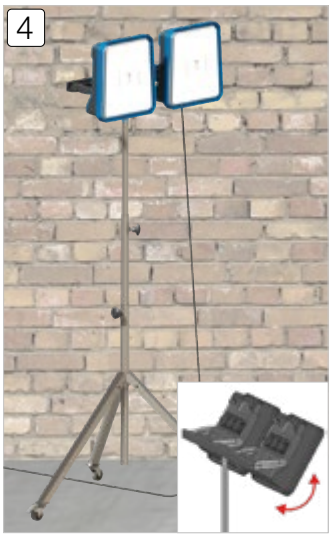


1	95-0008-0001	Tripod Standard without castors, Mounting rail for 1 work light GLADIATOR II	6,0	kg
2	95-0009-0001	Tripod Standard with castors, Mounting rail for 1 work light GLADIATOR II	7,1	kg
3	95-0005-0001	Tripod Standard without castors, Mounting rail for 2 work lights GLADIATOR II	7,1	kg
4	95-0006-0001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





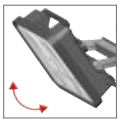




Delivery without work lights

Specifications subject to alteration.

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

2 work lights

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



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

7	95-0007-0022	L 650, B 70, H 440 mm	2,9 kg



Magnetic holder, single

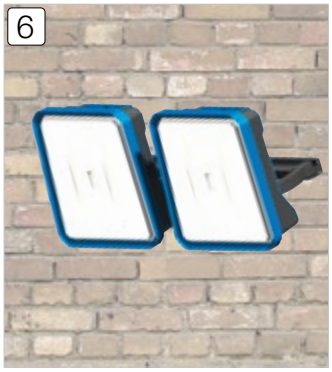


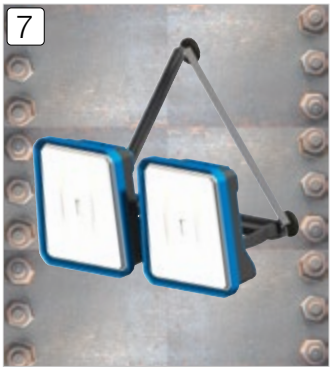
For attachment of 1 work light, 2 magnets, steel,
powder-coated, anthracite metallic;
Holding force per magnet: 230 N

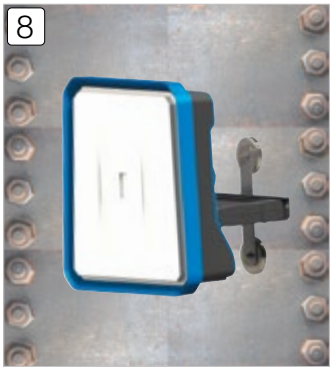
8	95-0013-0022.2	L 215, B 65, H 205 mm	0,7 kg











Delivery without work lights

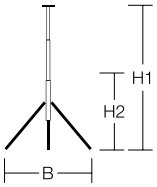
Accessories



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



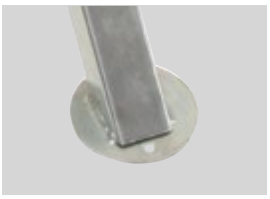
With castors (one with brake)

⟷ H1 2.600, H2 1.050, B 850 mm

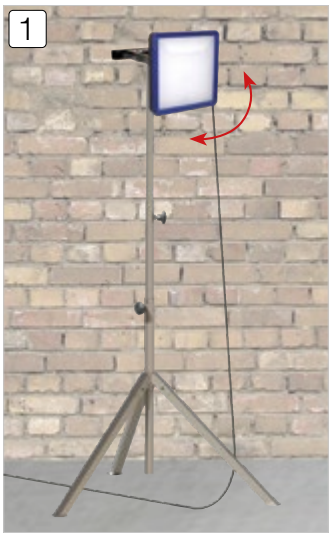


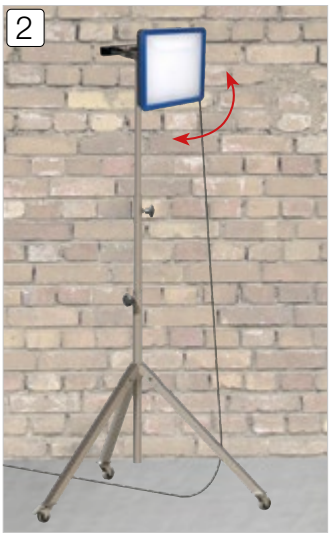
Without castors

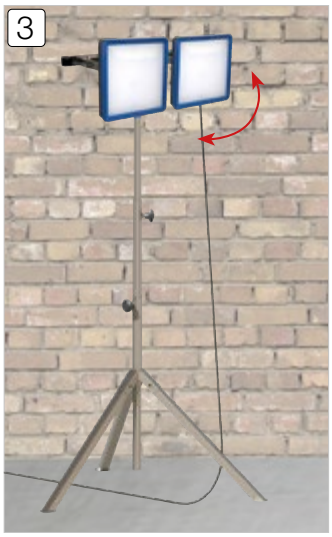
⟷ H1 2.550, H2 1.000, B 850 mm

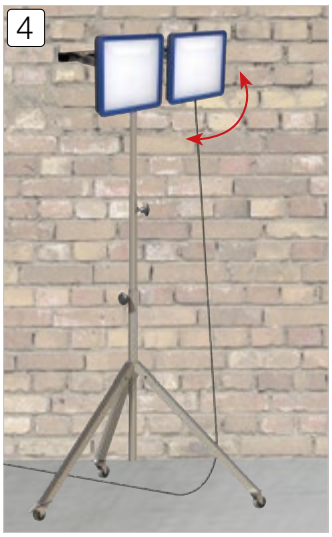


1	95-0170-0001	Tripod Standard without castors, Mounting rail for 1 work light GLADIATOR SL I / II	6,0 kg
2	95-0171-0001	Tripod Standard with castors, Mounting rail for 1 work light GLADIATOR SL I / II	7,1 kg
3	95-0172-0001	Tripod Standard without castors, Mounting rail for 2 work lights GLADIATOR SL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

Specifications subject to alteration.

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

2 work lights

6	95-0269-0001	L 935, B 55, H 43	1,5 kg

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

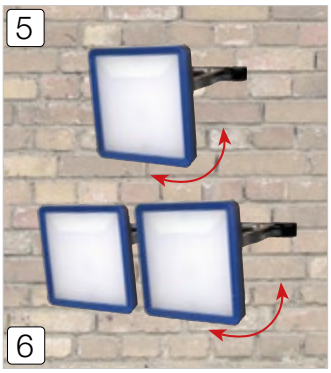
Magnetic holder for GLADIATOR SL I. 2 magnets for mounting on handle; rubberized.
Holding force per magnet: 250 N, shear force per magnet: 85 N



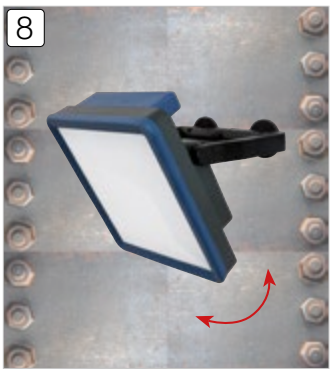
8	95-0270-0001	D 65, M8x15	0,2 kg

Magnetic holder for GLADIATOR SL II. 2 magnets for mounting on handle; rubberized.
Holding force per magnet: 550 N, shear force per magnet: 140 N

8	95-0277-0001	D 88, M8x15	0,39 kg





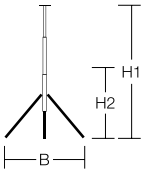


Delivery without work lights

Accessories



Tripod Standard



3-part tripod, steel galvanised, load capacity 30 kg
Packed dimensions: L 1020, B 175, H 155 mm

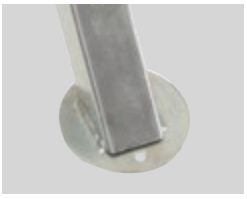
With castors (one with brake)

95-0004-0001	H1 2600, H2 1050, B 850 mm	6,7 kg

Without castors

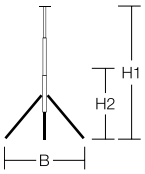
95-0003-0001	H1 2550, H2 1000, B 850 mm	5,6 kg







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 3200, H2 1250, B 1000-1600 mm	7,1 kg

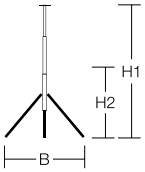








Set Tripod Profi



The set includes: Tripod Profi, tripod adapter

95-0061-0001.D	H1 3200, H2 1250, B 1000-1600 mm	7,5 kg

Specifications subject to alteration.

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 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

Light compartment

Compartment for charger or supply cable



Protective cover







AKIRUS

Mobile spotlight

3 YEARS WARRANTY

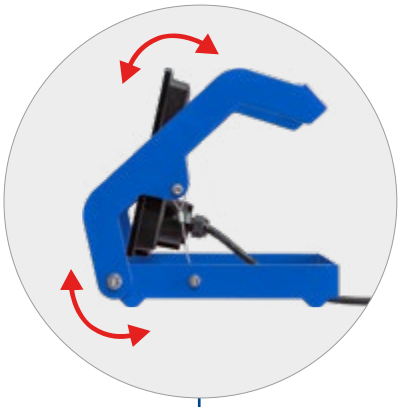
Sometimes it‘s the simplicity that leads to success. Take a lightweight yet robust, foldable aluminium frame. The combination with a high-performance LED module leads to the actual goal: a mobile, compact and efficient LED spotlight. With 5,000 lumens, the AKIRUS is as bright as a 500-watt halogen spotlight, 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



Bayonet lock for simple and tool-free cable change



Integrated opening for easy suspension

Tripod connection possible

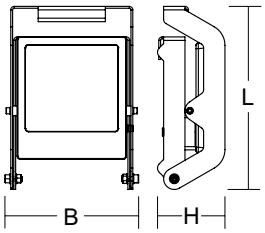
High degree of protection IP 65





Specifications subject to alteration.

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

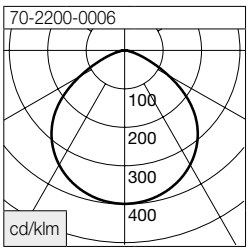


	Φ	P			IP	
230 V, 50-60 Hz						
70-2200-0006	5000 lm	30 W	E+F	II	IP 65	1,4 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 3 m, H07RN-F

..... IK06



h (m)	Ø (m)	E (lx)
1	2.68	1.992
2	5.36	498
3	8.05	221
4	10.73	125
5	13.41	80

E+F



CEE 7/17

Overview of plug-in systems see page 145.







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
- Resource-saving due to replaceable components

SPARTACUS

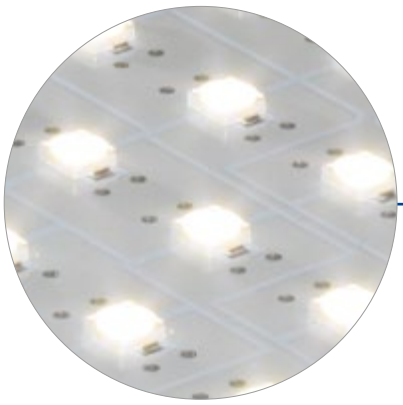
Features



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 highefficiency SMD-LEDs

High degree of protection IP 65

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

Specifications subject to alteration.

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

Resource-saving due 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

57

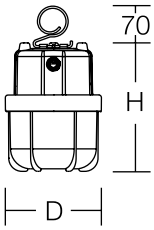


SPARTACUS

SONLUX



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.



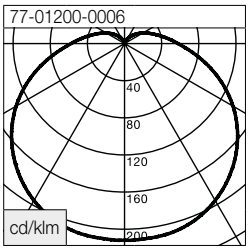
D 185, H 230 mm

LED ..... 5000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

..... IK07

	Φ	P				IP	
230 V, 50-60 Hz							
77-01000-0006	4000 lm	25 W	-	E+F	II	IP 65	1,5 kg
77-01100-0006	4000 lm	25 W	1	F	I	IP 54	1,9 kg
77-01200-0006	4000 lm	25 W	2	F	I	IP 54	2,0 kg
77-010CH-0006	4000 lm	25 W	-	J	II	IP 65	1,5 kg
77-011B0-0006	4000 lm	25 W	1	E	I	IP 54	1,9 kg
77-012B0-0006	4000 lm	25 W	2	E	I	IP 54	2,0 kg
42 V, 50-60 Hz							
77-61060-0006	4100 lm	26 W	-	CEE 42	III	IP 65	1,8 kg
77-61160-0006	4100 lm	26 W	1	CEE 42	III	IP 44	1,9 kg
77-61260-0006	4100 lm	26 W	2	CEE 42	III	IP 44	2,0 kg
24 V, 50-60 Hz							
77-51050-0006	4100 lm	26 W	-	CEE 24	III	IP 65	1,8 kg
77-51150-0006	4100 lm	26 W	1	CEE 24	III	IP 44	1,9 kg
77-51250-0006	4100 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 145.

Specifications subject to alteration.

Handle

For carrying or mounting on accessories

95-0080-0001 | 0,28 kg



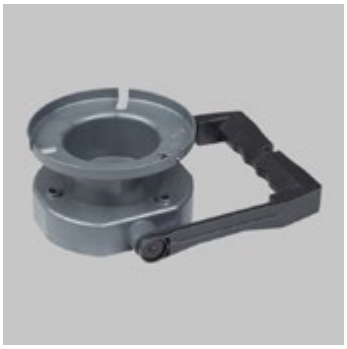


Handle with cable reel

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





Hall and tent luminaire







NEW

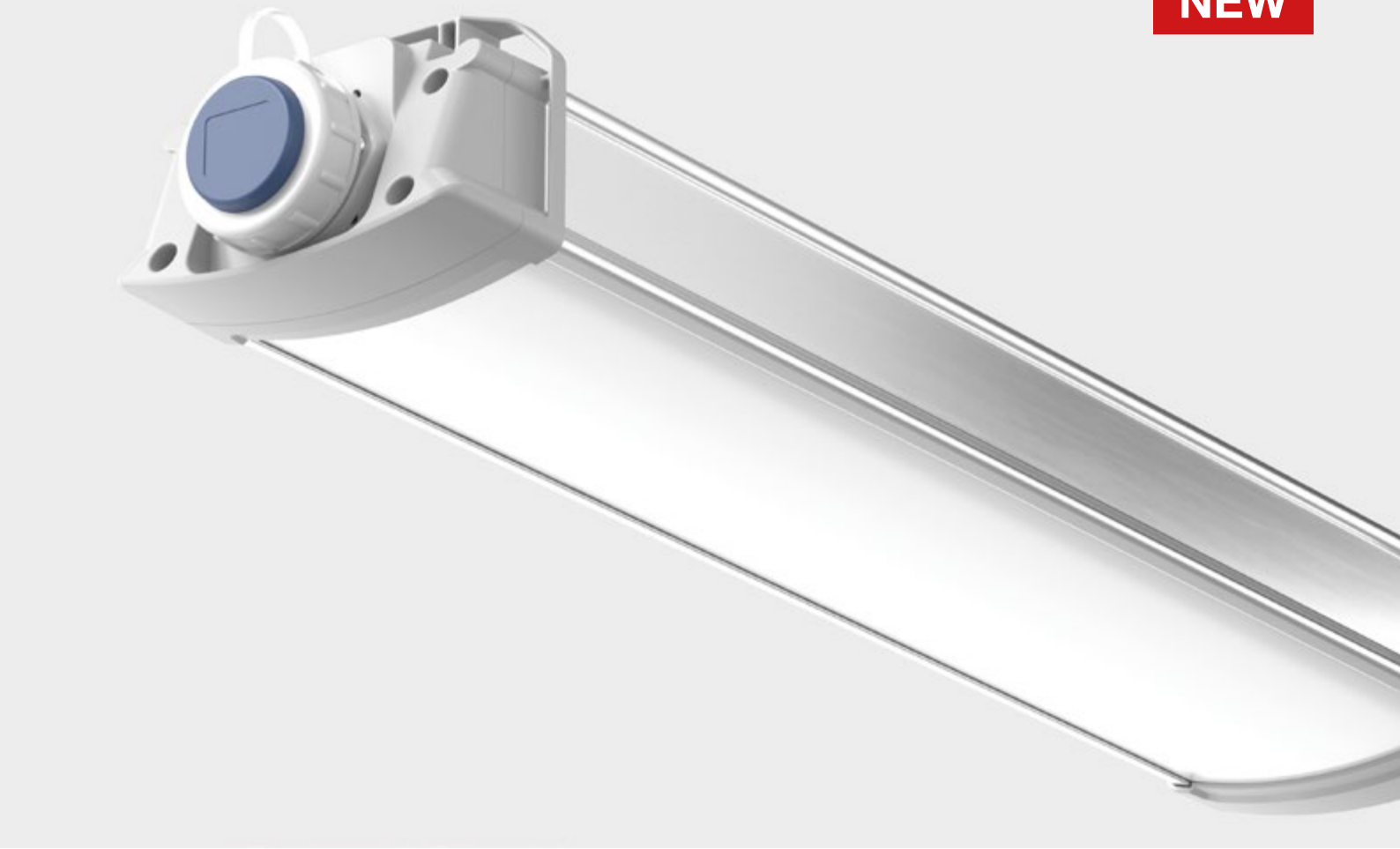
WISTARA

61



AI MODIFIED

NEW



IP65 IK07

max. 18400 lm max. 160 lm/W

WISTARA

The powerhouse for professionals

5 YEARS WARRANTY

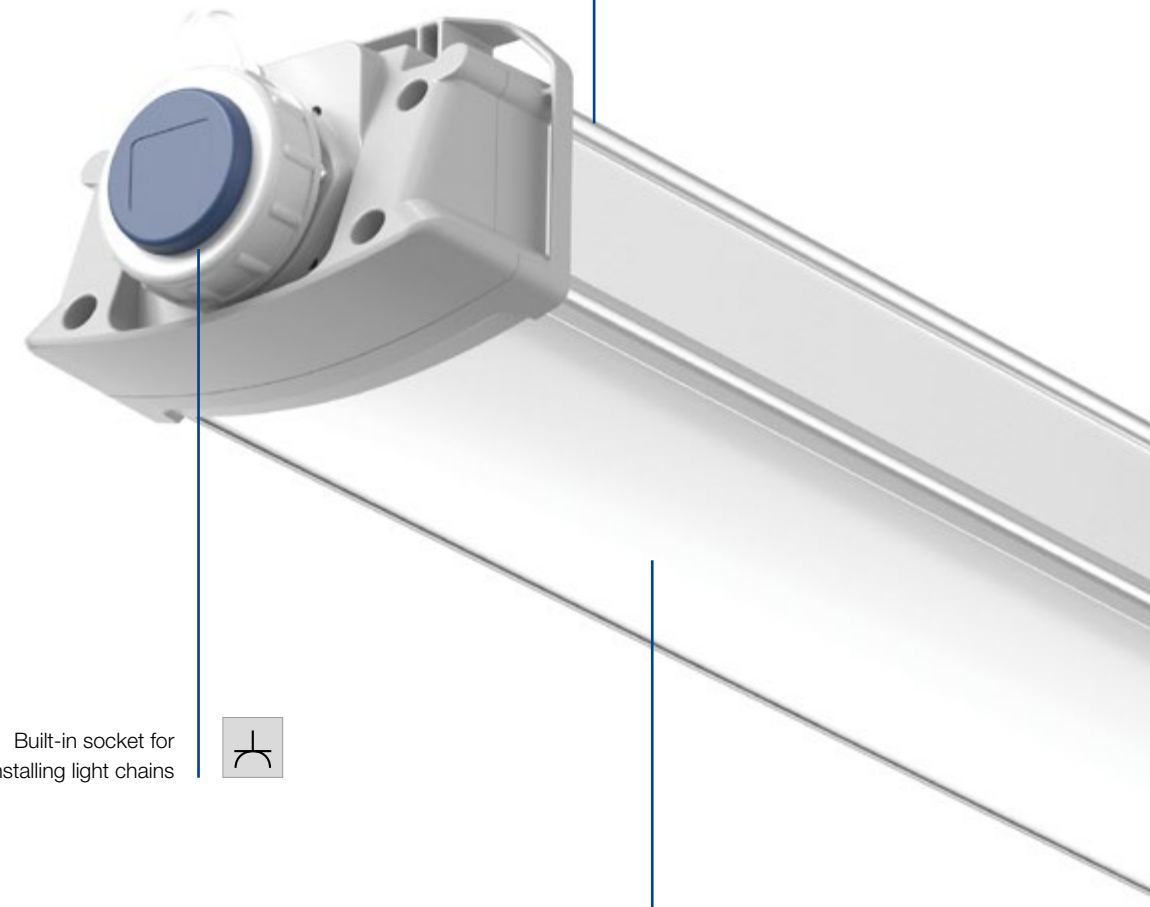
WISTARA completely redefines mobile hall and tent lighting. Forget standard solutions, because this luminaire boosts its output to up to 18,400 lumens – a level of light efficiency that is unrivalled for a compact size of max. 1000 mm. With MultiLumen, MultiColour and emergency lighting functions, it is suitable for a wide range of applications: as lighting for tent cities, parties and events, or as temporary lighting for halls, construction sites and tunnels. More light, more possibilities, no compromises.

- Maximum light output with minimum pack size
- Designed for rapid deployment in locations requiring absolute precision in handling
- Extremely short overall length, ideal for transport in emergency vehicles and vans
- Easy installation of a light chain thanks to through-wiring and socket
- **MulitLumen Easy Select:** For luminaires equipped with MES, the desired MultiLumen level can be easily selected via a push button on the luminaire itself or centrally for an entire luminaire chain using the light switch or circuit breaker. A real convenience and time-saving advantage.

WISTARA

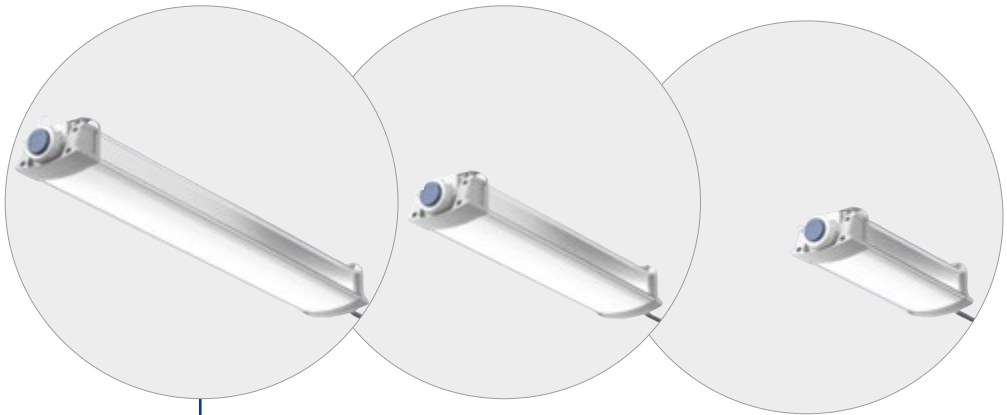
Features

Pressure equalisation valve to prevent condensation forming in the luminaire



Built-in socket for installing light chains

High protection class up to IP 65



3 sizes / Performance categories to choose from

Specifications subject to alteration.





MultiColour: 3000 K, 4000 K, 5000 K selectable via DIP switch

MES - MultiLumen Easy Select: The luminous flux can be easily and centrally adjusted for the individual luminaire or an entire continuous line in 5 steps through voltage interruption

Emergency lighting available



Accessories

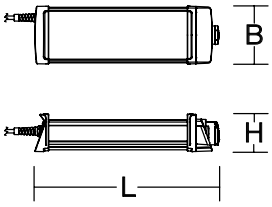
+ 67





WISTARA

Anodised aluminium profile housing. End caps made of impact-resistant and non-breakable plastic (polycarbonate). Integral membrane valve for pressure compensation and avoidance of condensation. Cover opal, made of impact- and break-resistant plastic (polycarbonate). Uniform, soft and glare-reduced illumination. Driver integrated. A socket outlet enables the connection of additional luminaires or electrical devices. Heavy rubber power supply cable H07RN-F for high mechanical loads with mains plug. Suitable for pendant mounting due to accessories (optional).



B 151, H 98 mm

LED ..... 4000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

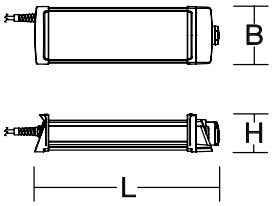
..... IK07

	Φ	P			IP	L	
220-240 V, 50-60 Hz							
63-1B0100-0002	5100 lm	38 W	F	I	IP 54	482	2,7 kg
63-1B0101-0002	5100 lm	38 W	F[68]	I	IP 65	487	2,9 kg
63-1B01B0-0002	5100 lm	38 W	E	I	IP 54	465	2,7 kg
63-2B0100-0002	7200 lm	49 W	F	I	IP 54	717	3,6 kg
63-2B0101-0002	7200 lm	49 W	F[68]	I	IP 65	722	3,7 kg
63-2B01B0-0002	7200 lm	49 W	E	I	IP 54	700	3,6 kg
63-3B0100-0002	15600 lm	108 W	F	I	IP 54	1002	4,6 kg
63-3B0101-0002	15600 lm	108 W	F[68]	I	IP 65	1007	4,7 kg
63-3B01B0-0002	15600 lm	108 W	E	I	IP 54	985	4,6 kg



WISTARA MLC

Anodised aluminium profile housing. End caps made of impact-resistant and non-breakable plastic (polycarbonate). Integral membrane valve for pressure compensation and avoidance of condensation. Cover opal, made of impact- and break-resistant plastic (polycarbonate). Uniform, soft and glare-reduced illumination. Driver integrated. MultiLumen Easy Select and MultiColour.
A socket outlet enables the connection of additional luminaires or electrical devices. Heavy rubber power supply cable H07RN-F for high mechanical loads with mains plug. Suitable for pendant mounting due to accessories (optional).



B 151, H 98 mm

MultiColour .... 3000K, 4000 K, 5000 K

MES
MultiLumen Easy Select ..... 30, 50, 70, 90, 100 %

LED ..... $R_a \geq 80$

..... ■ 5 m, H07RN-F

..... IK07

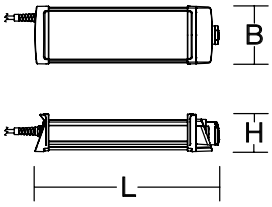
	Φ	P			IP	L	
220-240 V, 50-60 Hz							
63-1M0100-0002	1750...6150 lm	11...41 W	F	I	IP 54	482	2,8 kg
63-1M0101-0002	1750...6150 lm	11...41 W	F[68]	I	IP 65	487	2,9 kg
63-1M01B0-0002	1750...6150 lm	11...41 W	E	I	IP 54	465	2,8 kg
63-2M0100-0002	3350...11800 lm	21...80 W	F	I	IP 54	717	3,7 kg
63-2M0101-0002	3350...11800 lm	21...80 W	F[68]	I	IP 65	722	3,8 kg
63-2M01B0-0002	3350...11800 lm	21...80 W	E	I	IP 54	700	3,7 kg
63-3M0100-0002	5300...18400 lm	32...117 W	F	I	IP 54	1002	4,7 kg
63-3M0101-0002	5300...18400 lm	32...117 W	F[68]	I	IP 65	1007	4,8 kg
63-3M01B0-0002	5300...18400 lm	32...117 W	E	I	IP 54	985	4,7 kg

Specifications subject to alteration.

WISTARA Secure

Anodised aluminium profile housing. End caps made of impact-resistant and non-breakable plastic (polycarbonate). Integral membrane valve for pressure compensation and avoidance of condensation. Cover opal, made of impact- and break-resistant plastic (polycarbonate). Uniform, soft and glare-reduced illumination. Driver integrated. A socket outlet enables the connection of additional luminaires or electrical devices. Heavy rubber power supply cable H07RN-F for high mechanical loads with mains plug. Suitable for pendant mounting due to accessories (optional).

In the event of a power failure, the luminaire switches to emergency lighting mode with reduced luminous flux. The maximum operating time in emergency lighting mode is 1 hour 40 minutes with a fully charged battery. Emergency lighting function can be deactivated for transport or storage.



B 151, H 98 mm



LED ..... 4000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

LiFePO4, 4,8 Wh
..... 1,5 Ah, 3,2 V

..... 400 lm, 100 min

..... 24 h

..... IK07

	Φ	P			IP		
220-240 V, 50-60 Hz							
63-1N0100-0002	4100 lm	34 W	F	I	IP 54	482	2,8 kg
63-1N0101-0002	4100 lm	34 W	F[68]	I	IP 65	487	2,9 kg
63-1N01B0-0002	4100 lm	34 W	E	I	IP 54	465	2,8 kg
63-2N0100-0002	5800 lm	39 W	F	I	IP 54	717	4,0 kg
63-2N0101-0002	5800 lm	39 W	F[68]	I	IP 65	722	4,0 kg
63-2N01B0-0002	5800 lm	39 W	E	I	IP 54	700	4,0 kg
63-3N0100-0002	12500 lm	88 W	F	I	IP 54	1002	4,7 kg
63-3N0101-0002	12500 lm	88 W	F[68]	I	IP 65	1007	4,8 kg
63-3N01B0-0002	12500 lm	88 W	E	I	IP 54	985	4,7 kg

F **F[68]** **E**



CEE 7/7 CEE 7/3 CEE 7/7 CEE 7/3 CEE 7/7 CEE 7/5

Overview of plug-in systems see page 145.



MultiColour .... 3000K, 4000 K, 5000 K

MultiLumen EasySelect MES
..... 30, 50, 70, 90, 100 %

LED ..... $R_a \geq 80$

..... ■ 5 m, H07RN-F

LiFePO4, 4,8 Wh
..... 1,5 Ah, 3,2 V

..... 400 lm, 100 min

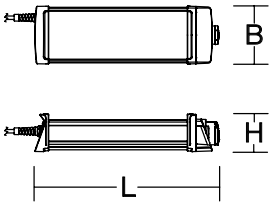
..... 24 h

..... IK07

WISTARA MLC Secure

Housing made of anodised aluminium profile. End caps made of impact- and shatter-resistant plastic (polycarbonate). Opal cover made of impact- and shatter-resistant plastic (polycarbonate). Homogeneous, soft and glare-reduced illumination. Integrated ballast. MultiLumen Easy Select and MultiColour. Convenient built-in socket for powering additional lights or elctrical devices. Heavy-duty rubber hose cable H07RN-F for high mechanical loads with mains plug.

In the event of a power failure, the luminaire switches to emergency lighting mode with reduced luminous flux. The maximum operating time in emergency lighting mode is 1 hour 40 minutes with a fully charged battery. Emergency lighting function can be deactivated for transport or storage.



B 151, H 98 mm

	Φ	P		⏚	IP	L	
220-240 V, 50-60 Hz							
63-1S0100-0002	1750...5000 lm	11...34 W	F	I	IP 54	482	3,2 kg
63-1S0101-0002	1750...5000 lm	11...34 W	F[68]	I	IP 65	487	3,3 kg
63-1S01B0-0002	1750...5000 lm	11...34 W	E	I	IP 54	465	3,2 kg
63-2S0100-0002	3350...9500 lm	21...65 W	F	I	IP 54	717	4,1 kg
63-2S0101-0002	3350...9500 lm	21...65 W	F[68]	I	IP 65	722	4,2 kg
63-2S01B0-0002	3350...9500 lm	21...65 W	E	I	IP 54	700	4,1 kg
63-3S0100-0002	5300...15000 lm	32...96 W	F	I	IP 54	1002	5,1 kg
63-3S0101-0002	5300...15000 lm	32...96 W	F[68]	I	IP 65	1007	5,2 kg
63-3S01B0-0002	5300...15000 lm	32...96 W	E	I	IP 54	985	5,1 kg

F


CEE 7/7


CEE 7/3

F[68]


CEE 7/7


CEE 7/3

E


CEE 7/7


CEE 7/5

Overview of plug-in systems see page 145.

Belt suspension

Belt strap incl. snap hook, adjustable, set (2 pieces).
The belt strap can be securely attached to the luminaire.



63-Z001	L 500 mm	0,05 kg
63-Z002	L 1000 mm	0,06 kg
63-Z004	L 2000 mm	0,08 kg



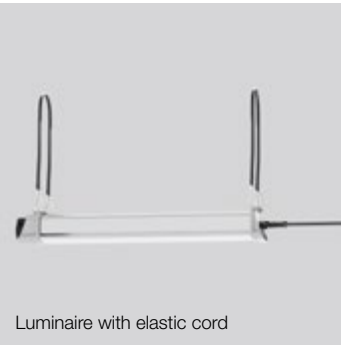
Luminaire with a webbing strap

Elastic cord suspension

Elastic cord including snap hook, set (2 pieces).



63-Z003	L 600 mm	0,20 kg



Luminaire with elastic cord

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

Tube lights







Tube lights

71



Tube lights
Emergency light

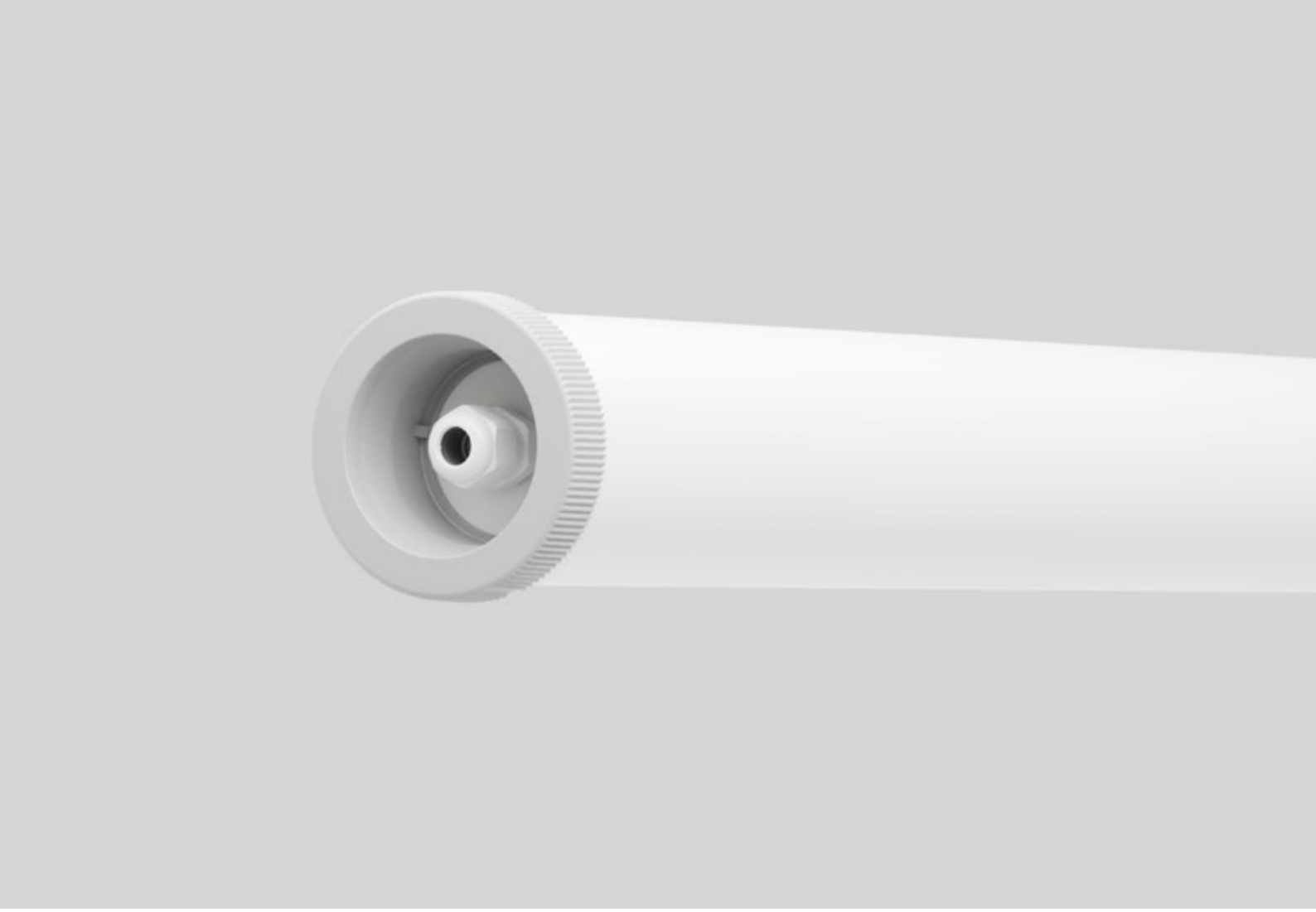
76



Tube lights
Chain

78





IP67 IK08 D 0...1 Made in Germany **max. 8000 lm** **max. 170 lm/W**

Tube lights

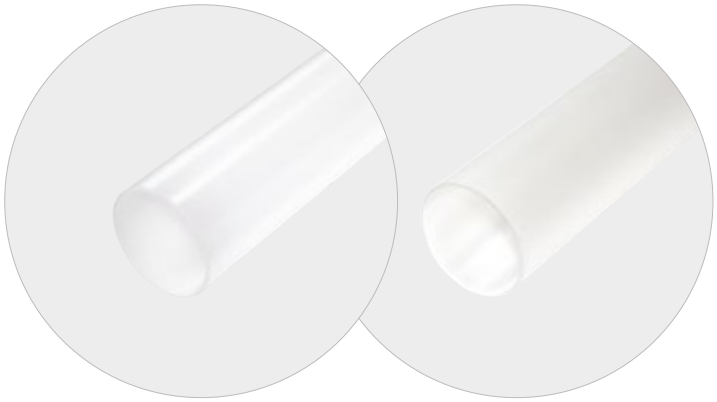
5 YEARS WARRANTY

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
- Resource-saving due to replaceable components

Tube lights

Features



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



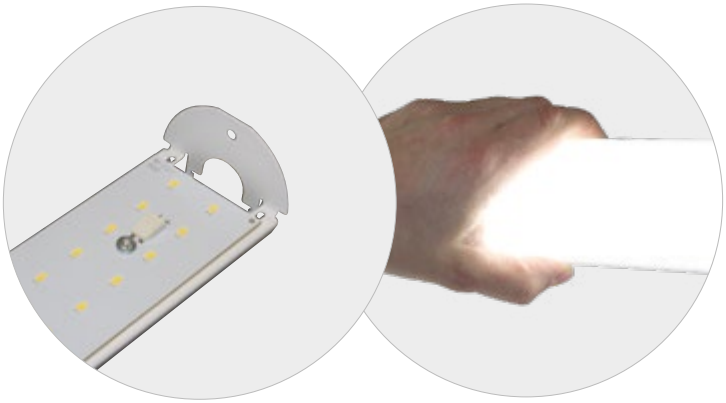


For mobile use, including power supply cable with mains plug, protectors and optional socket outlet

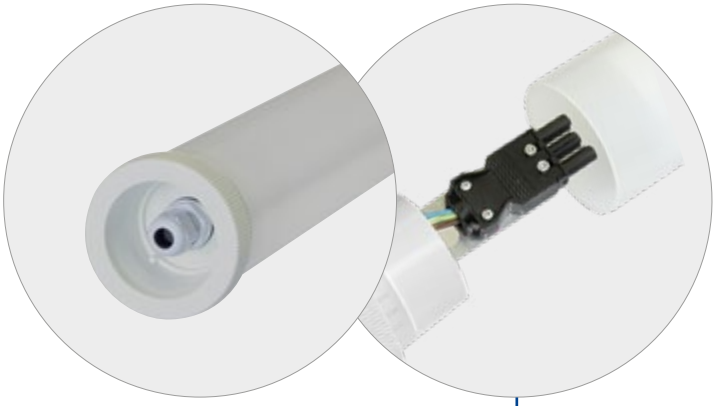


Resource-saving due to replaceable components

LED panels with 30 SMD LEDs each
Virtually no heat emission



Specifications subject to alteration.



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

82

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

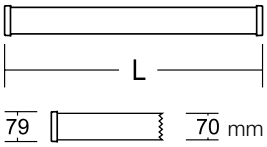




Tube lights Fixed



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

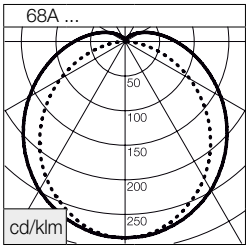


LED ..... 5000 K*, $R_a \geq 80$

..... IK08

*3000 K / 4000 K - on request

	Φ	P				IP	L	
230 V, 50-60 Hz								
68A100Z0-0002	1600 lm	11 W	-	-	I	IP 67	405	0,9 kg
68A200Z0-0002	3200 lm	21 W	-	-	I	IP 67	685	1,4 kg
68A200Z1-0002	3200 lm	21 W	✓	-	I	IP 67	685	1,5 kg
68A300Z0-0002	5100 lm	31 W	-	-	I	IP 67	965	2,0 kg
68A300Z1-0002	5100 lm	31 W	✓	-	I	IP 67	965	2,1 kg
68A400Z0-0002	6800 lm	41 W	-	-	I	IP 67	1.245	2,3 kg
68A400Z1-0002	6800 lm	41 W	✓	-	I	IP 67	1.245	2,4 kg
68A500Z0-0002	8000 lm	51 W	-	-	I	IP 67	1.530	3,2 kg
68A500Z1-0002	8000 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

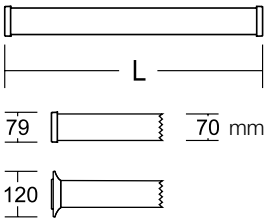
68A30...		
h (m)	Ø (m)	E (lx)
1	5	1.357
2	10	339
3	15	151
4	20	85
5	25	54

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

Specifications subject to alteration.

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





LED ..... 5000 K*, $R_a \geq 80$

..... ■ 5 m, H07RN-F

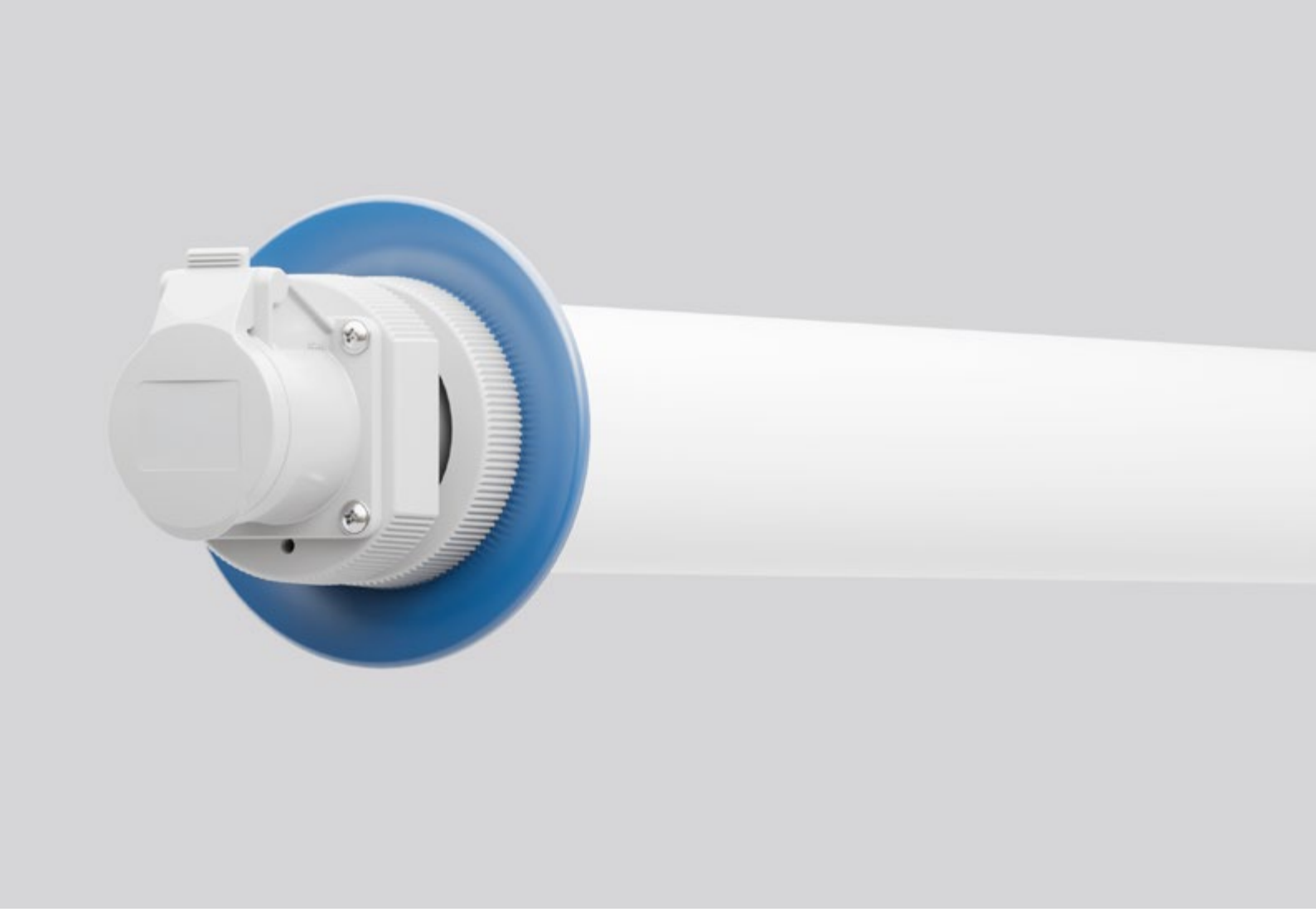
..... IK08

*3000 K / 4000 K - on request

	Φ	P				IP	L	
230 V, 50-60 Hz								
68A10000-0062	1600 lm	11 W	-	E+F	I	IP 67	405	1,8 kg
68A10100-0062	1600 lm	11 W	1	F	I	IP 54	470	1,9 kg
68A20000-0062	3200 lm	21 W	-	E+F	I	IP 67	685	2,3 kg
68A20100-0062	3200 lm	21 W	1	F	I	IP 54	750	2,5 kg
68A30000-0062	5100 lm	31 W	-	E+F	I	IP 67	965	3,0 kg
68A30100-0062	5100 lm	31 W	1	F	I	IP 54	1.030	3,1 kg
68A40000-0062	6800 lm	41 W	-	E+F	I	IP 67	1.245	3,5 kg
68A40100-0062	6800 lm	41 W	1	F	I	IP 54	1.310	3,7 kg
68A50000-0062	8000 lm	51 W	-	E+F	I	IP 67	1.530	3,9 kg
68A50100-0062	8000 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								



Overview of plug-in systems see page 145.



IP65 IK08 max. 6650 lm max. 140 lm/W

Tube lights Emergency light

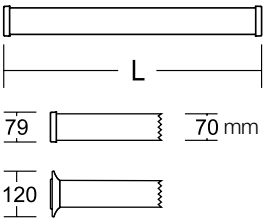
5 YEARS WARRANTY

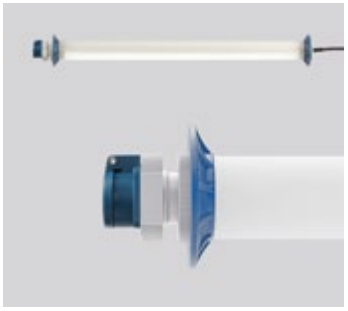
Light for risky situations: A power failure on a construction site, in a tunnel or during a boiler overhaul means darkness and chaos. In this case, the emergency light function in our protective tube lights helps by immediately activating basic illumination. In addition to the familiar 230 V version, 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
- Resource-saving due to replaceable components

Specifications subject to alteration.

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				IP	L	
230 V, 50-60 Hz								
68A30000-0062.NL	3400 lm	24 W	-	F	I	IP 65	1.000	3,5 kg
68A30100-0062.NL	3400 lm	24 W	1	F	I	IP 54	1.070	3,5 kg
68A301B0-0062.NL	3400 lm	24 W	1	E	I	IP 44	1.030	3,5 kg
68A30101-0062.NL	3400 lm	24 W	1	F	I	IP 65	1.030	3,5 kg

LED ..... 5000 K*, $R_a \geq 80$

..... ■ 5 m, H07RN-F

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

..... 900 lm, 120 min

..... 24 h

..... IK08

*3000 K / 4000 K - on request

68A30000-0062.**NL**

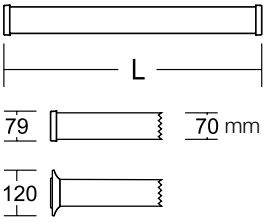
h (m)	Ø (m)	E (lx)
1	5	922
2	9	231
3	14	102
4	18	58
5	23	37

68A30000-0062.**NL**

h (m)	Ø (m)	E (lx)
1	5	244
2	9	61
3	14	27
4	18	15
5	23	10



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				IP	L	
42 V, 50-60 Hz								
68A36060-0062.NL	5000 lm	35 W	-	CEE 42	III	IP 65	1.000	2,8 kg
68A36160-0062.NL	5000 lm	35 W	1	CEE 42	III	IP 44	1.080	3,0 kg
68A46060-0062.NL	6650 lm	47 W	-	CEE 42	III	IP 65	1.285	3,4 kg
68A46160-0062.NL	6650 lm	47 W	1	CEE 42	III	IP 44	1.363	3,4 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 5 m, H07RN-F

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

..... 480 lm, 3 x 60 min

..... 24 h

..... IK08

68A36060-0062.**NL**

h (m)	Ø (m)	E (lx)
1	5	1.448
2	9	362
3	14	161
4	18	91
5	23	58

68A36060-0062.**NL**

h (m)	Ø (m)	E (lx)
1	5	139
2	9	35
3	14	15
4	18	9
5	23	6

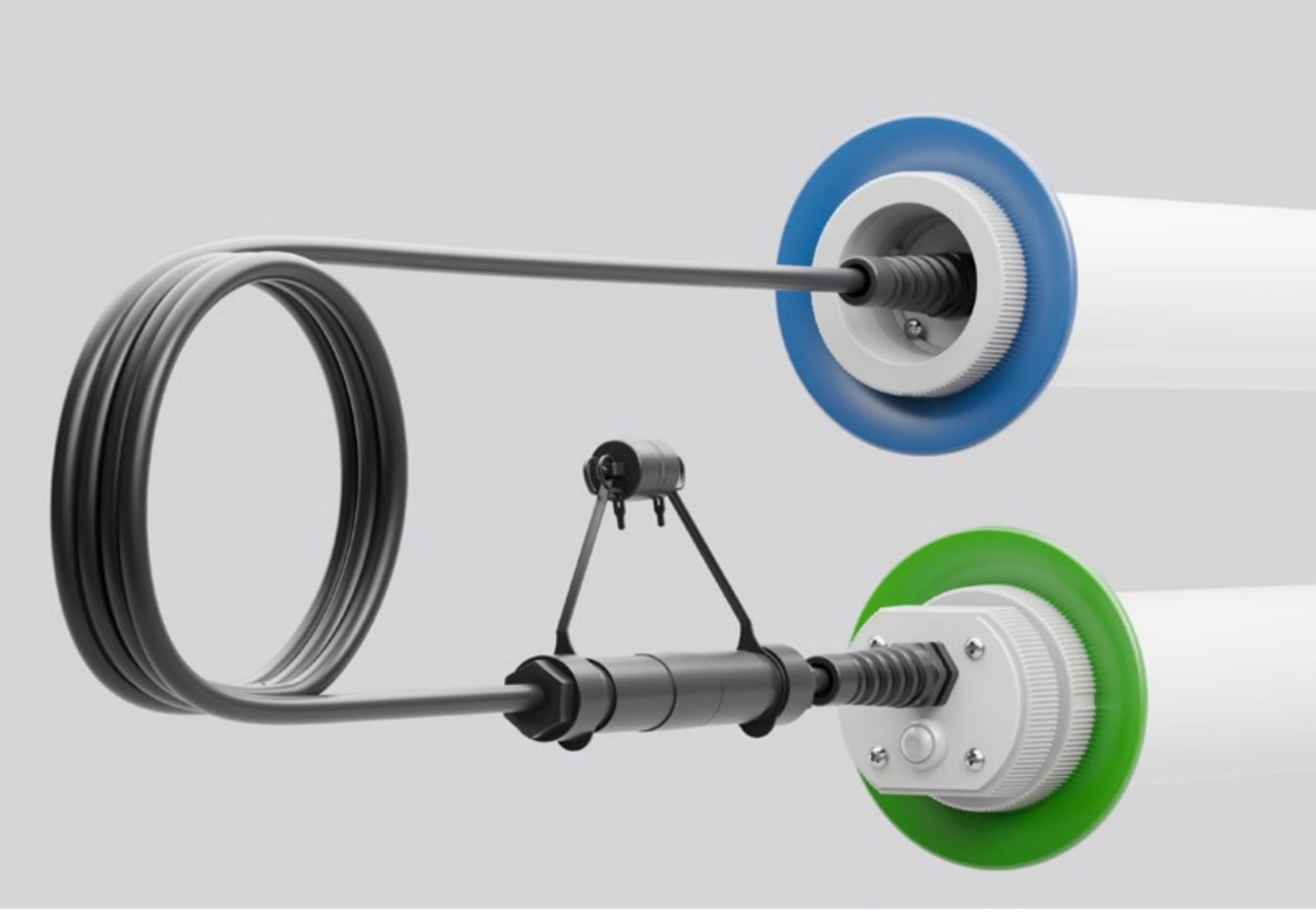
68A46060-0062.**NL**

h (m)	Ø (m)	E (lx)
1	5	1.959
2	9	490
3	14	218
4	18	122
5	23	78

CEE 42 V~







IP67 IK08 max. 5100 lm max. 170 lm/W

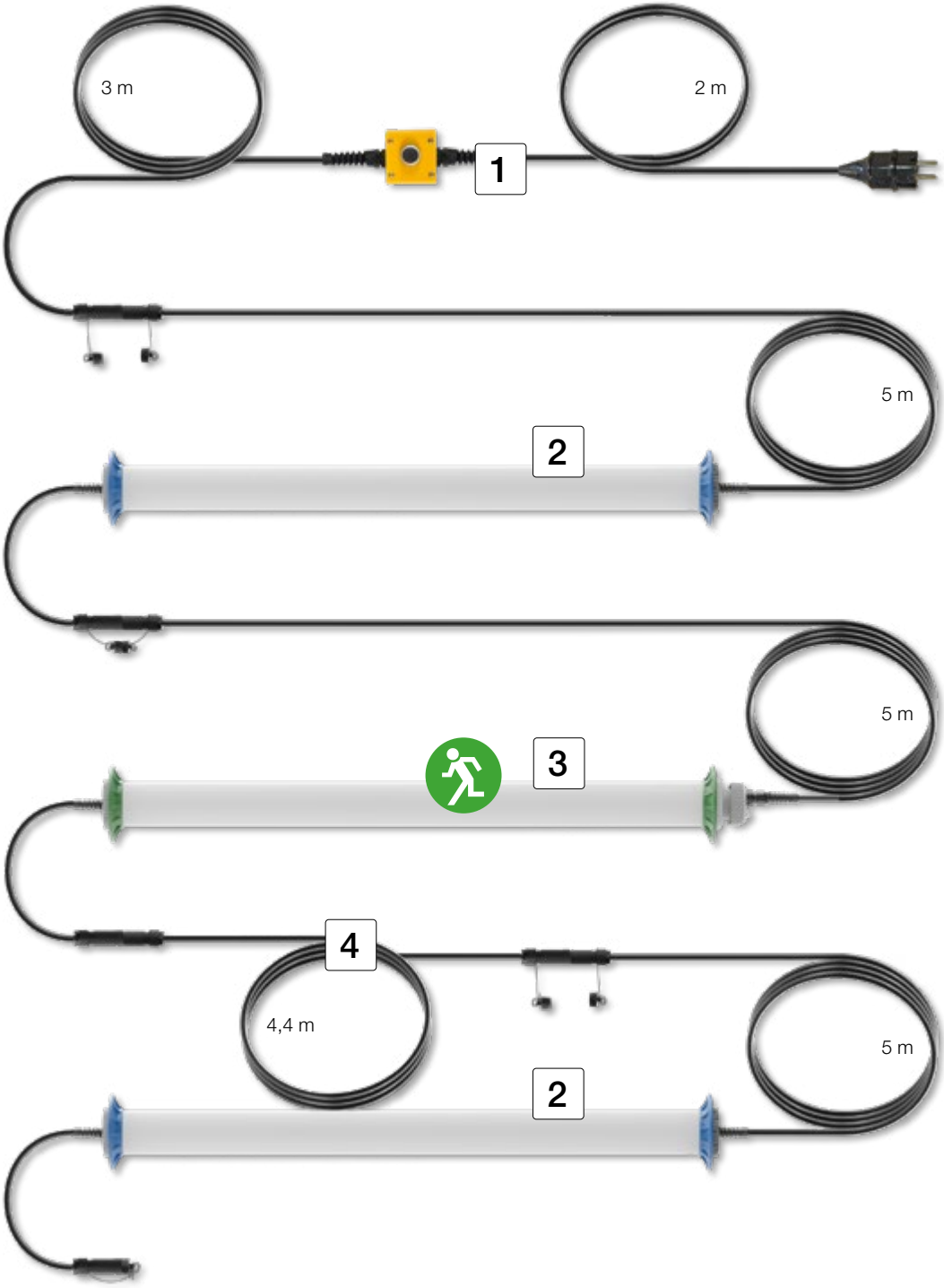
Tube lights Chain

5 YEARS WARRANTY

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.

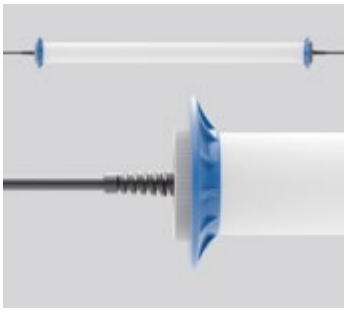
- Simple construction of a light chain
- Wieland RST16 connector system for a fast and secure connection
- Emergency lighting function can be blocked by switch for transport and storage
- Mains cables available with various plugs (230 V)
- High degree of protection up to IP 67
- Glare-reduced illumination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

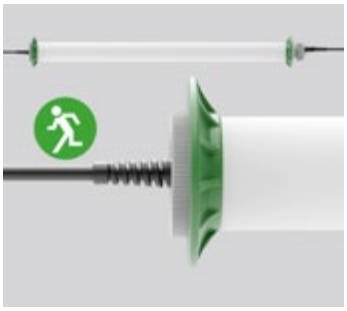
Specifications subject to alteration.



1 Mains cable with on/off switch	2 Tube light Chain
3 Chain emergency light	4 Extension cable

Tube lights Chain 230 V





LED ..... 5000 K, Ra ≥ 80

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

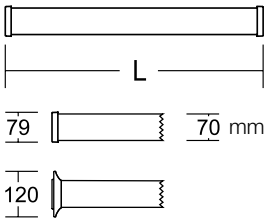
..... 900 lm, 120 min

..... 24 h

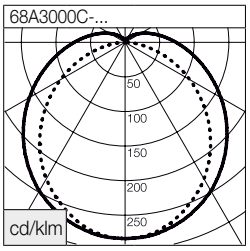
..... IK08

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 rechar- geable battery, emergency light function with reduced luminaire lumi- nous flux for max. 120 min. with fully charged battery, emergency light function can be deactivated for transport or storage.



	Φ	P				IP	L	
230 V, 50-60 Hz								
68A3000C-0062	5100 lm	31 W	RST16-4	-	II	IP 67	965	3,2 kg
68A3000C-0072.NL	3400 lm	24 W	RST16-4	✓	II	IP 67	1.000	3,6 kg



68A3000C-0062		
h (m)	Ø (m)	E (lx)
1	4	1.357
2	8	339
3	13	151
4	17	85
5	21	54

68A3000C-0072.NL		
h (m)	Ø (m)	E (lx)
1	4	922
2	8	231
3	12	102
4	16	58
5	20	37

68A3000C-0072.**NL**		
h (m)	Ø (m)	E (lx)
1	4	244
2	8	61
3	12	27
4	16	15
5	20	10

E+F **E+F^{68}** **CEE 6h** **RST16-4** **RST16-4**



CEE 7/7 CEE 7/7

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	5000 mm	1,33 kg
95-010C-0001	E+F^{68}	5000 mm	1,41 kg
95-060C-0001	CEE 6h	5000 mm	1,39 kg

Mains cable extension Chain 230 V



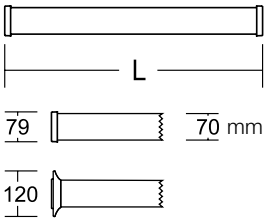
4.4 m mains cable (H07RN-F) with RST16 plug and socket.
For extending the mains cable in a light chain with protective tube lights Chain.

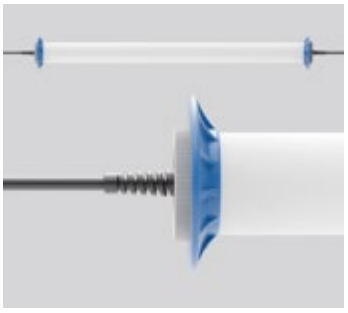
95-0C0C-0001	RST16-4	4400 mm	0,98 kg

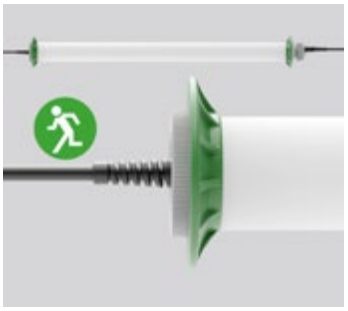
Specifications subject to alteration.

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.

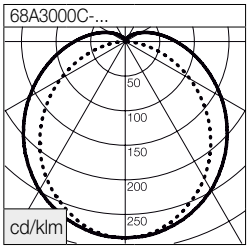
Emergency light version (.NL): 2 protectors (green), integrated battery, emergency light function with reduced luminaire luminous flux for 60 min., 3 emergency light cycles of 60 min. each possible with full battery, emergency light function can be deactivated for transport or storage.







	Φ	P				IP	L	
42 V, 50-60 Hz								
68A3610C-0062	5000 lm	35 W	RST16-3	-	III	IP 67	965	3,0 kg
68A3610C-0072.NL	5000 lm	35 W	RST16-3	✓	III	IP 66	1.000	3,3 kg



68A3610C-0062

h (m)	Ø (m)	E (lx)
1	4	1.448
2	8	362
3	12	161
4	16	91
5	20	58

68A3610C-0072.NL

h (m)	Ø (m)	E (lx)
1	4	1.448
2	8	362
3	12	161
4	16	91
5	20	58

68A3000C-0072.**NL**

h (m)	Ø (m)	E (lx)
1	4	145
2	8	36
3	13	16
4	17	9
5	21	6

CEE 42 V~



RST16-3



RST16-3



LED ..... 5000 K, $R_a \geq 80$

NiMH 2,2 Ah 6 V

500 lm, 3 x 60 min

24 h

IK08

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~	5000 mm	1,38 kg



Mains cable extension Chain 42 V

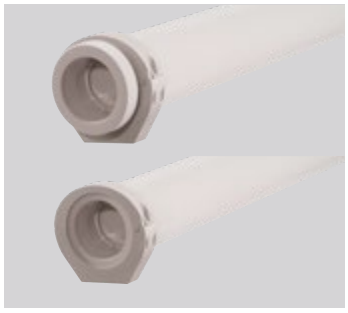
4.4 m mains cable (H07RN-F) with RST16 plug and socket. For extending the mains cable in a light chain with protective tube lights Chain.

95-6C0C-0001	RST16-3	4400 mm	0,82 kg



Accessories





Mounting bracket (plastic)

Mounting bracket (plastic) for wall or ceiling mounting

68Z00001	Set (2 pieces)	

1



2



3



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: 230 N*	Magnet rubberised

*per magnet

4





Mounting bracket (metal)

Mounting bracket (metal) with hanger assembly of stainless steel

4	68Z00004	Set (2 pieces)

5





Plastic retaining clip with key ring

Luminaire rotatable

5	68Z00016	Set (2 pieces)

Specifications subject to alteration.

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

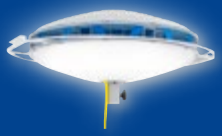






POWERTUBE II

87



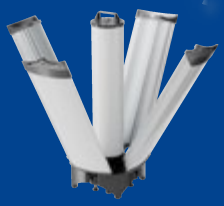
POWERDISK

95



NEW POWERCASE M
POWERCASE L

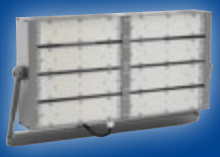
103



NEW

POWERWING

112



THORIX II

115



THORIX II Flex

123





IP65 IK08 MultiLumen DALI Made in Germany **max. 50000 lm** **max. 130 lm/W**

POWERTUBE II M/L

Mobile large area light

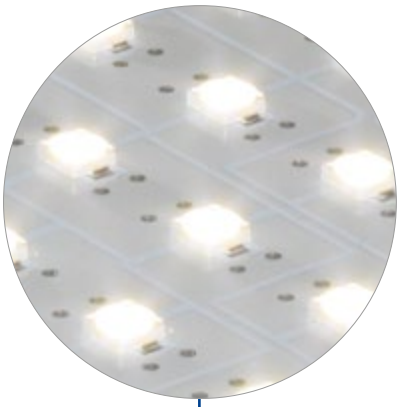
5 YEARS WARRANTY

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)
- On/off and dimmable via a push-button on the light fitting or in the supply cable
- Can be used standing on the floor, on a tripod or suspended (with accessories)
- Wide range of accessories
- Resource-saving due 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 highefficiency SMD-LEDs

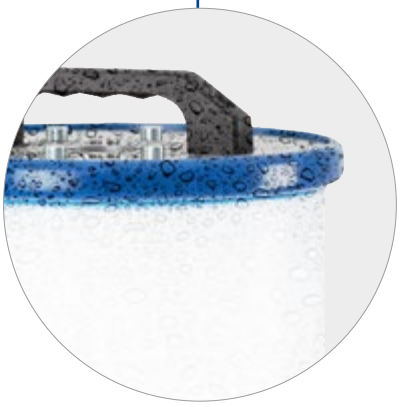


Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate



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

High degree of protection IP 65



Resource-saving due to replaceable components

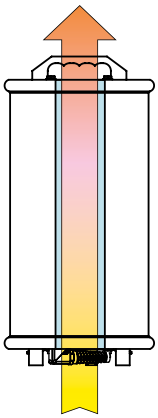
Specifications subject to alteration.

Integrated handle

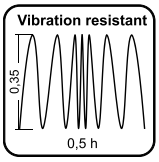


How passive cooling works

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.

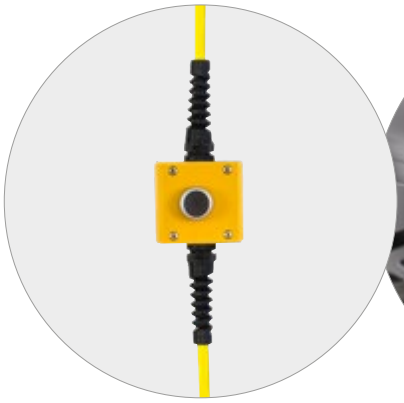






DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529

VIBRATION RESISTANT
as per
DIN EN 60598-1





Can be switched on/off and dimmed using a push-button in the supply cable (.P)

Can be switched on and off separately on both sides (180° each) and dimmed using the push-button on the luminaire (.D)

92

Alternative plug systems and power cable lengths on request

Wide range of accessories



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





LED ..... 5000 K*, $R_a \geq 80$

5 m, H07RN-F (.D)
7,5 m, H07BQ-F (.P)

IP ..... IP 65

IK08

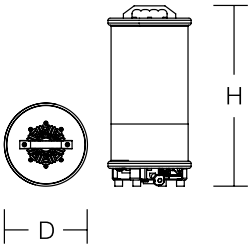
*3000 K - on request

POWERTUBE II M

Housing plastic (polycarbonate) satin finish, edge protection (silicone rubber blue), housing base and cover aluminium, tripod mount for DIN pin (30 mm/DIN 14640), supply cable with mains plug, incl. transport bag.

Version .D: Can be switched on and off separately on both sides (180° each) and dimmed using the push-button on the luminaire

Version .P: Can be switched on/off and dimmed using a push-button in the supply cable



D 270, H 590 mm

	Φ	P				
230 V, 0 / 50 / 60 Hz						
73P01000-0006.D	24000 lm	187 W	E+F	1 ... 100 %	II	10,2 kg
73P01001-0006.D	24000 lm	187 W	E+F[68]	1 ... 100 %	II	10,4 kg
73P01000-0006.P	24000 lm	187 W	E+F	1 ... 100 %	II	10,2 kg
73P01001-0006.P	24000 lm	187 W	E+F[68]	1 ... 100 %	II	10,4 kg



LED ..... 5000 K*, $R_a \geq 80$

5 m, H07RN-F (.D)
7,5 m, H07BQ-F (.P)

IP ..... IP 65

IK08

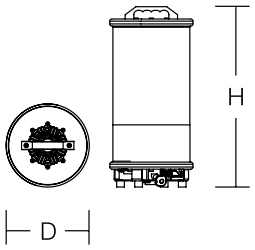
*3000 K - on request

POWERTUBE II L

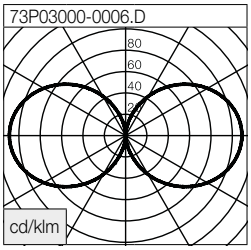
Housing plastic (polycarbonate) satin finish, edge protection (silicone rubber blue), housing base and cover aluminium, tripod mount for DIN pin (30 mm/DIN 14640), supply cable with mains plug, incl. transport bag.

Version .D: Can be switched on and off separately on both sides (180° each) and dimmed using the push-button on the luminaire

Version .P: Can be switched on/off and dimmed using a push-button in the supply cable



	Φ	P				
230 V, 0 / 50 / 60 Hz						
73P03000-0006.D	50000 lm	372 W	E+F	1 ... 100 %	II	14,0 kg
73P03001-0006.D	50000 lm	372 W	E+F[68]	1 ... 100 %	II	14,1 kg
73P03000-0006.P	50000 lm	372 W	E+F	1 ... 100 %	II	14,0 kg
73P03001-0006.P	50000 lm	372 W	E+F[68]	1 ... 100 %	II	14,1 kg



E+F CEE 7/17



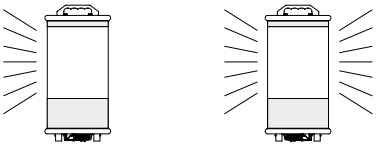
E+F[68] CEE 7/7



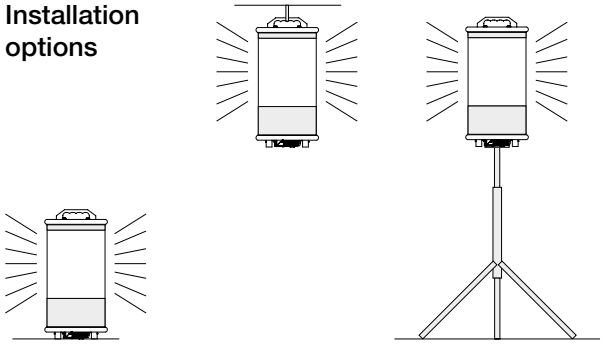
Overview of plug-in systems see page 145.

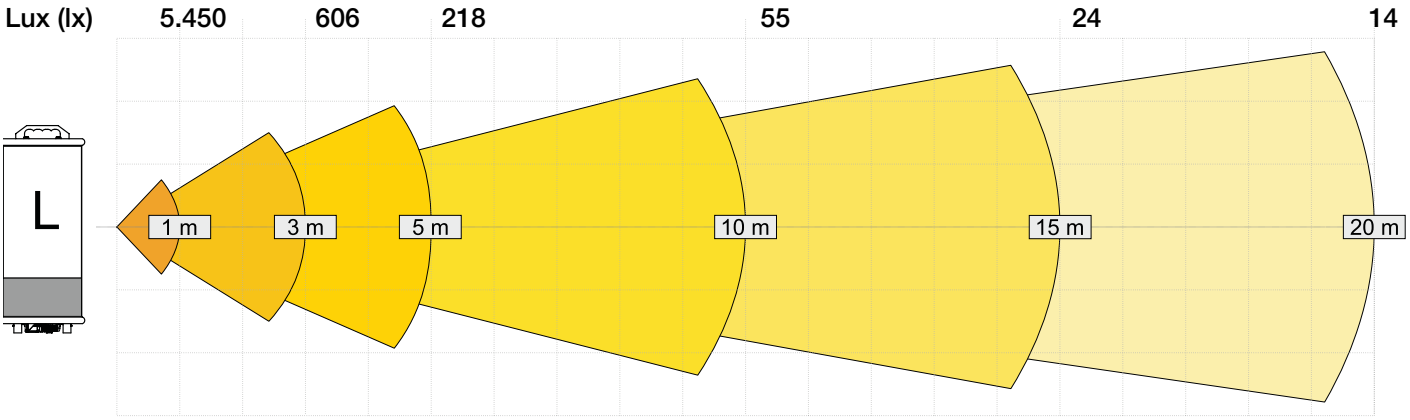
Specifications subject to alteration.

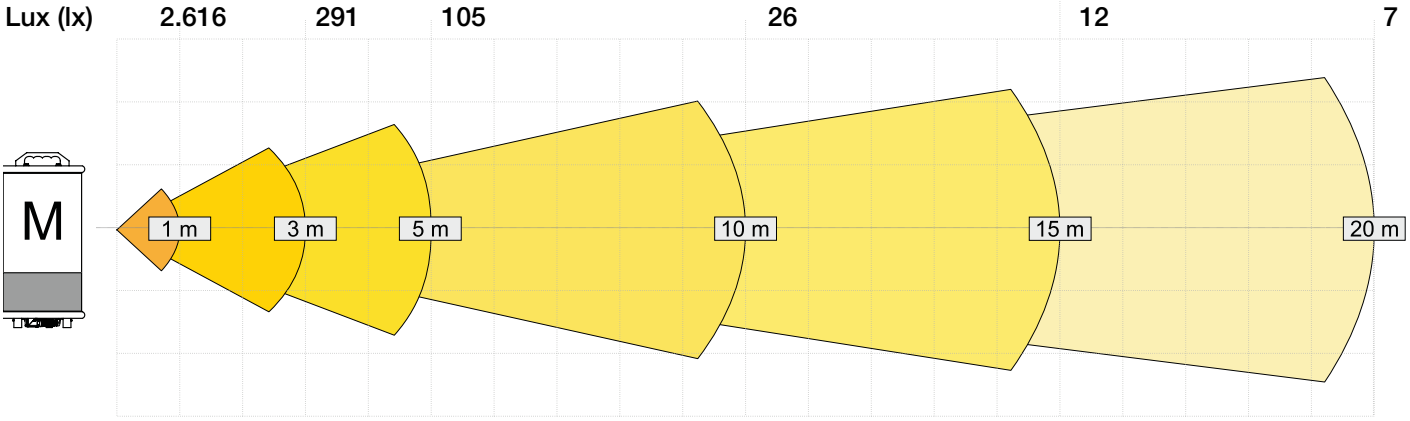
Can be switched on and off
and dimmed separately
on both sides (180° each)
using a push-button (.D)



Installation
options







Accessories

NEW

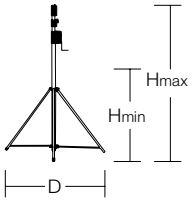


Crank tripod Premium

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

Incl. tripod adapter with 30 mm DIN spigot (DIN 14640) and **tensioning set** (3 x rope cord and peg)

Pack size: L 1,850, B 230, H 160 mm



95-0060-0001	H max 3.800, H min 1.740, D 1.300 mm	17,7 kg

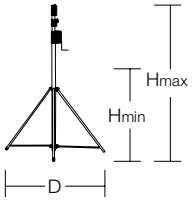


Tripod Professionell

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

NEW



Innovative labelling films

Translucent film with custom printing for use on the POWERTUBE II as a pioneering light fixture.

73PZ0004	for POWERTUBE II M	L 805, B 435 mm	150 g
73PZ0005	for POWERTUBE II L	L 805, B 700 mm	240 g

Anwendungsbeispiele





You can find the form for specifying available or custom designs at:

www.sonlux.de/en/service/downloads

Specifications subject to alteration.



AI MODIFIED





IP65 IK10 D Made in Germany 57000 lm 150 lm/W

POWERDISK

Mobile large area light

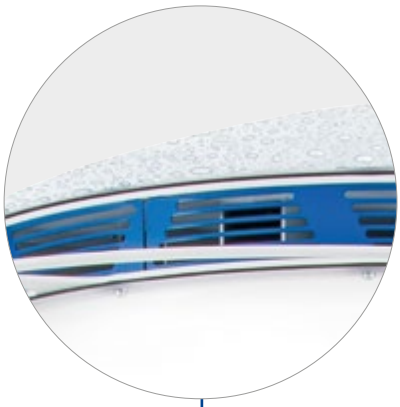
5 YEARS WARRANTY

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)
- Wide range of accessories
- Resource-saving due 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

IP

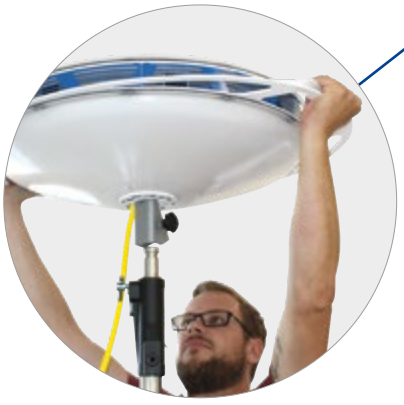
High degree of protection IP 65



Impact-resistant and break-proof housing



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

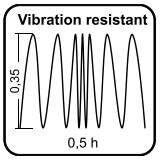


Quick one-person installation

DUSTPROOF

as per

DIN EN 60598-1
DIN EN 60529



VIBRATION STABILITY

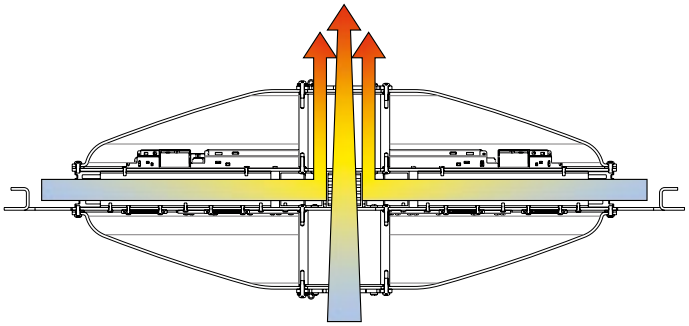
as per

DIN EN 60598-1

Specifications subject to alteration.

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.



Resource-saving due to replaceable components



Integrated handle



Different connector systems and longer power supply cable on request

Wide range of accessories

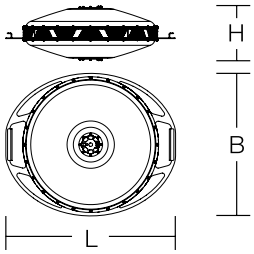


POWERDISK

SONLUX



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

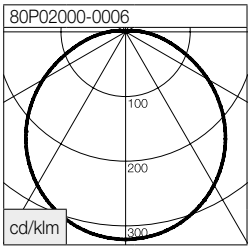
LED ..... 5000 K*, $R_a \geq 80$

..... 10 m, H07BQ-F

..... IK10

*3000 K / 4000 K - on request

	Φ	P			IP	
230 V, 50-60 Hz						
80P02000-0006	57000 lm	380 W	E+F	I	IP 65	15,0 kg
80P02001-0006	57000 lm	380 W	E+F[68]	I	IP 65	15,1 kg
80P02006-0006	57000 lm	380 W	CEE 6h	I	IP 65	15,1 kg
80P020CH-0006	57000 lm	380 W	J	I	IP 65	15,0 kg



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**



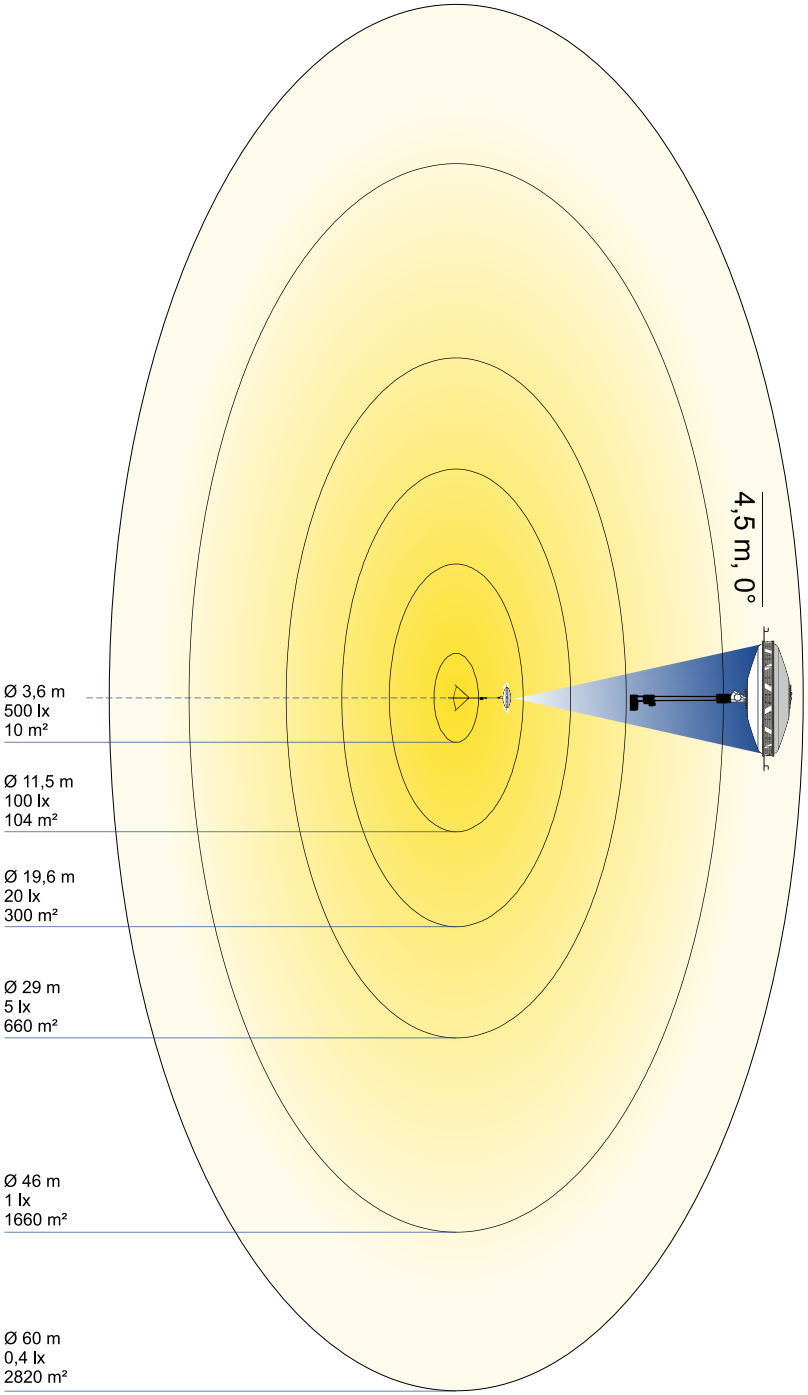
CEE 7/7 CEE 7/7 Typ 13

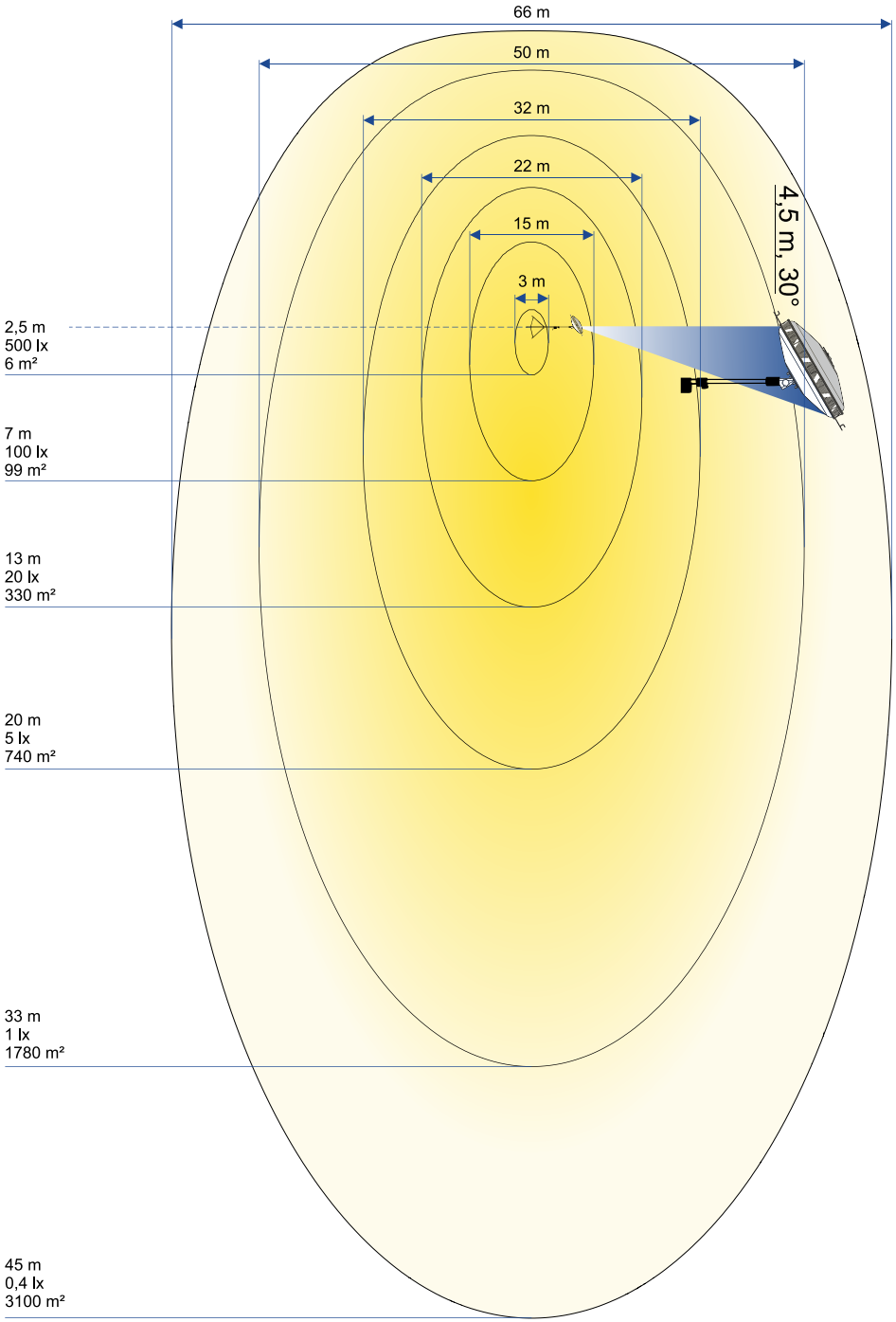
Overview of plug-in systems see page 145.



1) Adapter for suspended Mounting optional as accessories

Specifications subject to alteration.


4,5 m, 0°
Ø 3,6 m
500 lx
10 m²
Ø 11,5 m
100 lx
104 m²
Ø 19,6 m
20 lx
300 m²
Ø 29 m
5 lx
660 m²
Ø 46 m
1 lx
1660 m²
Ø 60 m
0,4 lx
2820 m²


66 m
50 m
32 m
22 m
15 m
3 m
4,5 m, 30°
2,5 m
500 lx
6 m²
7 m
100 lx
99 m²
13 m
20 lx
330 m²
20 m
5 lx
740 m²
33 m
1 lx
1780 m²
45 m
0,4 lx
3100 m²

Accessories

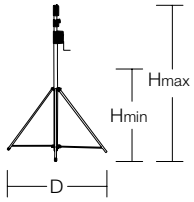


Crank tripod Premium

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

Incl. tripod adapter with 30 mm DIN spigot (DIN 14640) and **tensioning set** (3 x rope cord and peg)

Pack size: L 1,850, B 230, H 160 mm



95-0060-0001	H max 3.800, H min 1.740, D 1.300 mm	17,7 kg

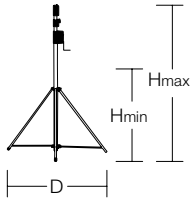


Tripod Professionell

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



Adapter for suspended mounting Ø 17 mm

95-0255-0014	L 70, B 65, H 72 mm	0,12 kg

Carrier bag for Tripod Professionell

Black, 2 carrier handles and shoulder belt



95-0264-0001	L 1150, B 130, H 240 mm	0,6 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 and carrier box



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


Genie GS-193
RZB

NEW



IP65 IK08 Made in Germany max. 120.000 lm max. 160 lm/W

POWERCASE M / L

Mobile large area lights

5 YEARS WARRANTY

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
- Functional upgrades by changing the power cable (dimmable)
- Wide range of accessories
- Resource-saving due to replaceable components

POWERCASE

Features



Unique case design and
immediate ready-to-use



High degree of protection IP 65

IP



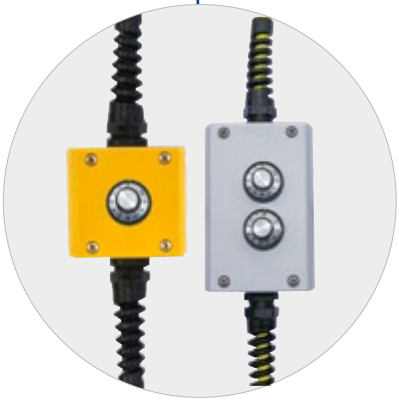
Impact-resistant and
break-proof housing



Dimmable versions available



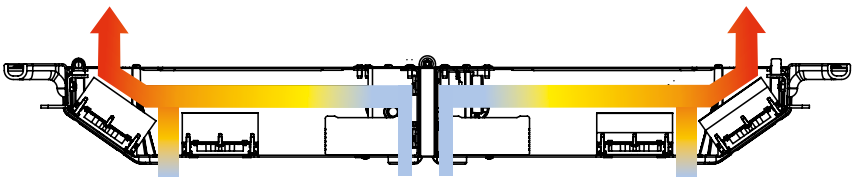
Low heat generation, no cooling
phase so immediately portable



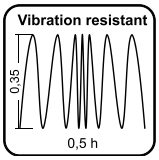
Specifications subject to alteration.

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.



Resource-saving due to replaceable components



DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529

VIBRATION STABILITY
as per
DIN EN 60598-1



Integrated carrying handle



Power cable can be removed/swapped

Alternative plug systems and power cable lengths on request

Wide range of accessories

32



Protective cover for safe transportation

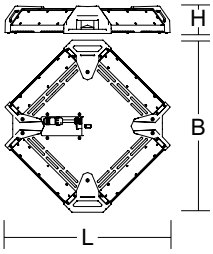


POWERCASE M Basic NEW

SONLUX



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

LED ..... 5000 K*, $R_a \geq 80$

..... 10 m, H07BQ-F

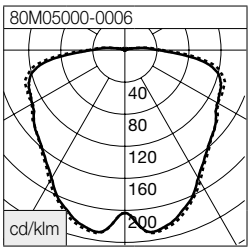
..... 10 m, H07RN-F (.R)

..... IK08

*3000 K - on request

	Φ	P				IP	
230 V, 50-60 Hz							
80M06000-0006	59000 lm	376 W	E+F	-	I	IP 65	12,6 kg
80M06001-0006	59000 lm	376 W	E+F[68]	-	I	IP 65	12,7 kg
80M06001-0006.R	59000 lm	376 W	E+F[68]	-	I	IP 65	12,7 kg
80M06006-0006	59000 lm	376 W	CEE 6h	-	I	IP 65	12,6 kg
80M060CH-0006	59000 lm	376 W	J	-		IP 65	12,6 kg
80M08000-0006	59000 lm	376 W	E+F	2 x (0 ... 100 %)*	I	IP 65	13,1 kg
80M08001-0006	59000 lm	376 W	E+F[68]	2 x (0 ... 100 %)*	I	IP 65	13,2 kg
80M08006-0006	59000 lm	376 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	13,1 kg
80M080CH-0006	59000 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 CEE 7/7



E+F[68] CEE 7/7



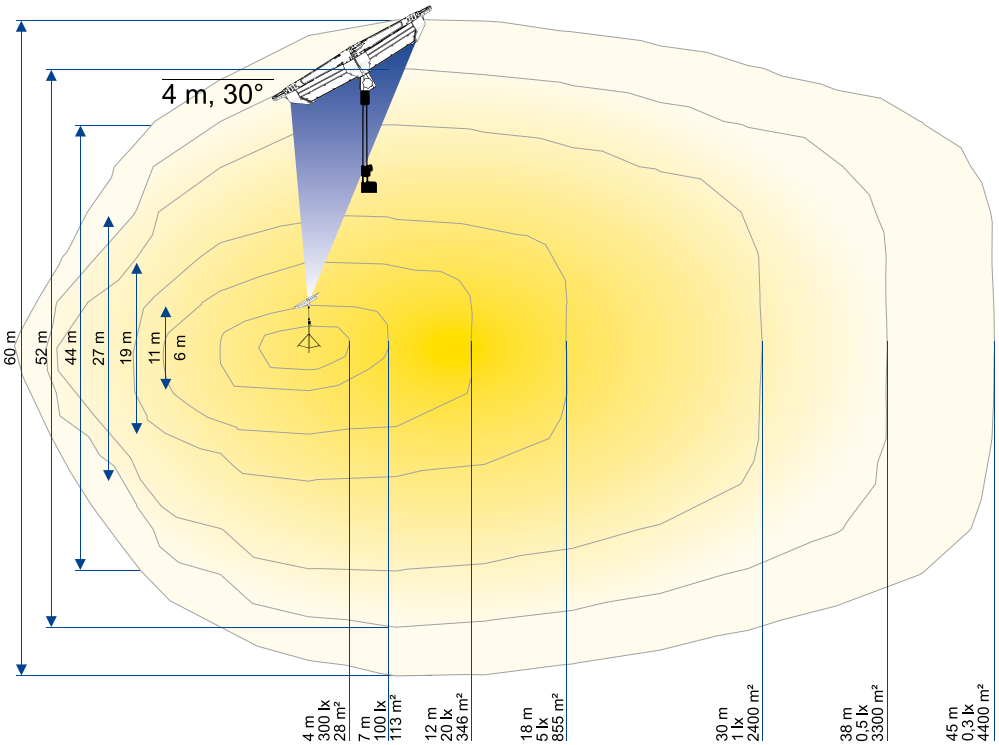
J Typ 13



CEE 6h



Overview of plug-in systems see page 145.

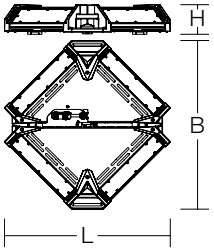


Specifications subject to alteration.

NEW

POWERCASE M

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				IP	
230 V, 50-60 Hz							
80M03000-0006	59000 lm	376 W	E+F	-	I	IP 65	13,1 kg
80M03001-0006	59000 lm	376 W	E+F[68]	-	I	IP 65	13,2 kg
80M03001-0006.R	59000 lm	376 W	E+F[68]	-	I	IP 65	13,2 kg
80M03006-0006	59000 lm	376 W	CEE 6h	-	I	IP 65	13,1 kg
80M030CH-0006	59000 lm	376 W	J	-	I	IP 65	13,1 kg
80M05000-0006	59000 lm	376 W	E+F	2 x (0 ... 100 %)*	I	IP 65	13,6 kg
80M05001-0006	59000 lm	376 W	E+F[68]	2 x (0 ... 100 %)*	I	IP 65	13,7 kg
80M05006-0006	59000 lm	376 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	13,6 kg
80M050CH-0006	59000 lm	376 W	J	2 x (0 ... 100 %)*	I	IP 65	13,6 kg

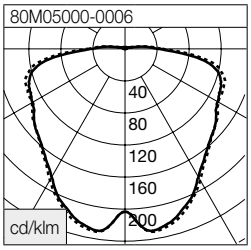
LED ..... 5000 K*, $R_a \geq 80$

..... ■ 10 m, H07RN-F (.R)

..... IK08

*3000 K - on request

*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 CEE 7/7

E+F[68] CEE 7/7

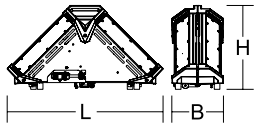


J Typ 13



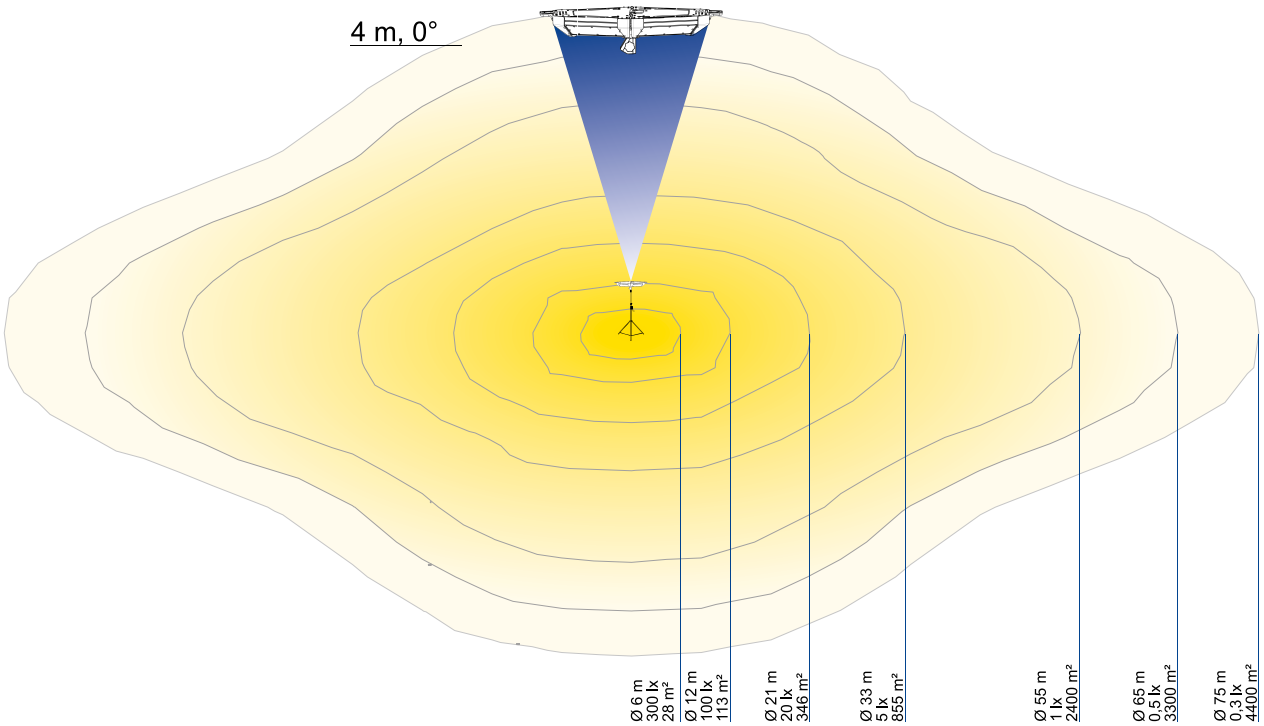
CEE 6h





L 692, B 232, H 373 mm

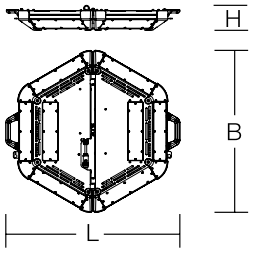
Overview of plug-in systems see page 145.



POWERCASE L



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

LED ..... 5000 K*, $R_a \geq 80$

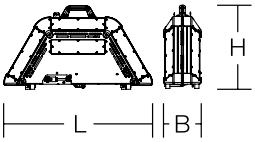
..... 10 m, H07BQ-F
..... 10 m, H07RN-F (.R)

..... IK08

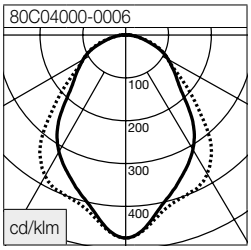
*3000 K - on request

	Φ	P				IP	
230 V, 50-60 Hz							
80C03000-0006	120.000 lm	756 W	E+F	-	I	IP 65	20,4 kg
80C03001-0006	120.000 lm	756 W	E+F[68]	-	I	IP 65	20,4 kg
80C03001-0006.R	120.000 lm	756 W	E+F[68]	-	I	IP 65	20,4 kg
80C03006-0006	120.000 lm	756 W	CEE 6h	-	I	IP 65	20,4 kg
80C030CH-0006	120.000 lm	756 W	J	-	I	IP 65	20,4 kg
80C04000-0006	120.000 lm	756 W	E+F	0 ... 100 %	I	IP 65	20,4 kg
80C04001-0006	120.000 lm	756 W	E+F[68]	0 ... 100 %	I	IP 65	20,4 kg
80C04006-0006	120.000 lm	756 W	CEE 6h	0 ... 100 %	I	IP 65	20,4 kg
80C040CH-0006	120.000 lm	756 W	J	0 ... 100 %	I	IP 65	20,4 kg
80C05000-0006	120.000 lm	756 W	E+F	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C05001-0006	120.000 lm	756 W	E+F[68]	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C05006-0006	120.000 lm	756 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C050CH-0006	120.000 lm	756 W	J	2 x (0 ... 100 %)*	I	IP 65	20,4 kg

*separately dimmable



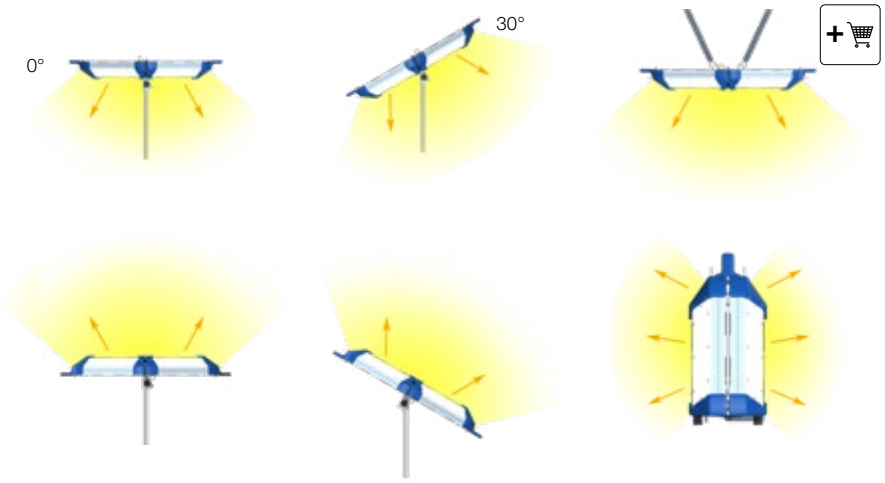
L 884, B 225, H 495 mm

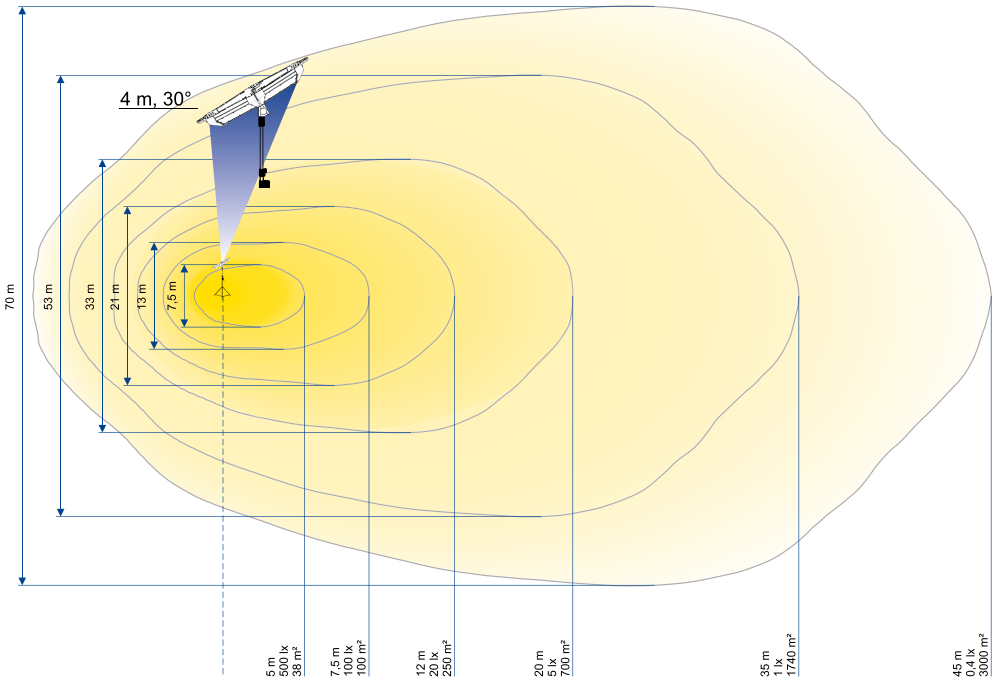


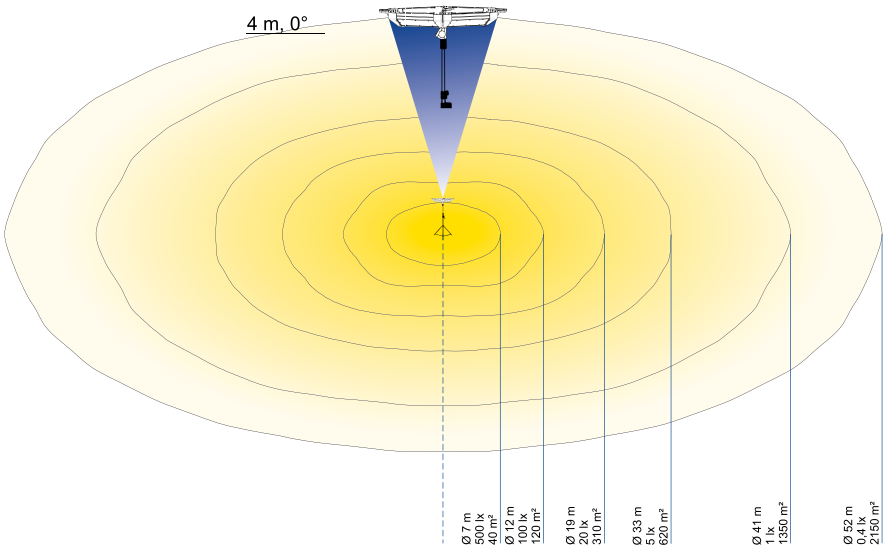
h (m)	Ø (m)	E (lx)
3	4.97	5220
5	8.28	1879
10	16.56	470
20	33.12	118
30	49.68	52

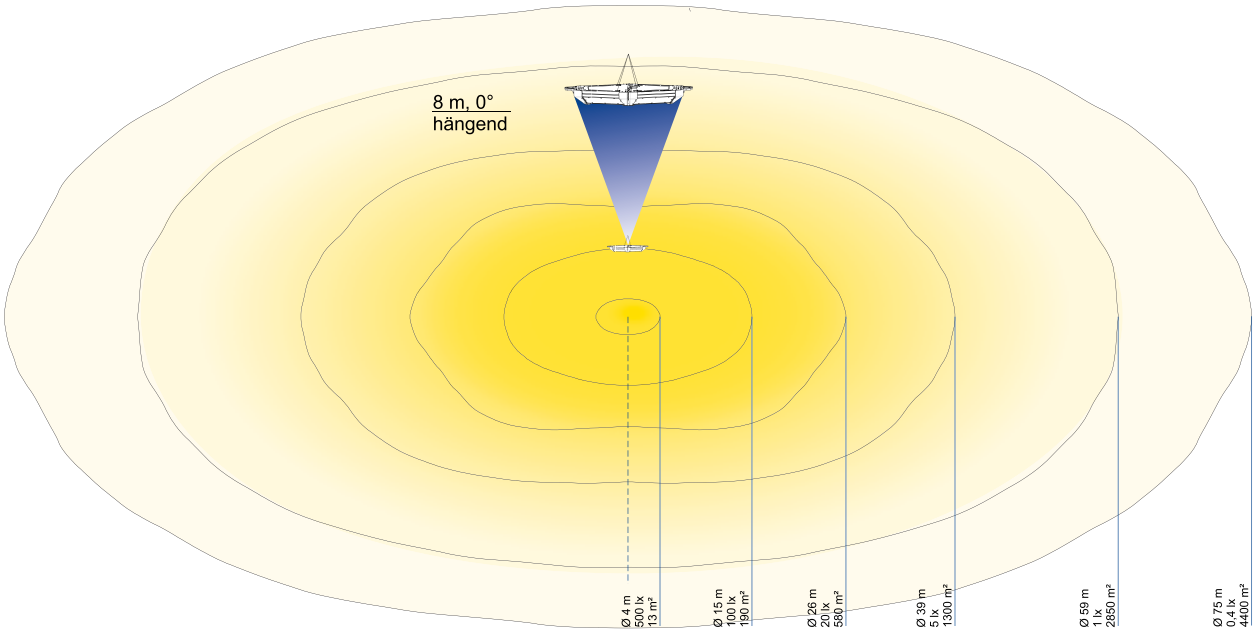
E+F	E+F[68]	J	CEE 6h
			
CEE 7/7	CEE 7/7	Typ 13	

Overview of plug-in systems see page 145.




4 m, 30°
70 m
53 m
33 m
21 m
13 m
7.5 m
5 m
500 lx
38 m²
7.5 m
100 lx
100 m²
12 m
20 lx
250 m²
20 m
5 lx
700 m²
35 m
1 lx
1740 m²
45 m
0.4 lx
3000 m²


4 m, 0°
Ø 7 m
500 lx
40 m²
Ø 12 m
100 lx
120 m²
Ø 19 m
20 lx
310 m²
Ø 33 m
5 lx
620 m²
Ø 41 m
1 lx
1350 m²
Ø 52 m
0.4 lx
2150 m²


8 m, 0°
hängend
Ø 4 m
500 lx
13 m²
Ø 15 m
100 lx
190 m²
Ø 26 m
20 lx
580 m²
Ø 39 m
5 lx
1300 m²
Ø 59 m
1 lx
2850 m²
Ø 75 m
0.4 lx
4400 m²

Accessories

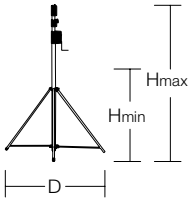


Crank tripod Premium

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

Incl. tripod adapter with 30 mm DIN spigot (DIN 14640) and **tensioning set** (3 x rope cord and peg)

Pack size: L 1,850, B 230, H 160 mm



95-0060-0001	H max 3.800, H min 1.740, D 1.300 mm	17,7 kg

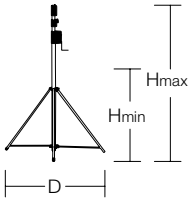


Tripod Professionell

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



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



Set belt strap with snap hook

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



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

Specifications subject to alteration.

POWERCASE L supply cables for replacement or function upgrade

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

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.



95-80C300-0004	E+F	-	-
95-80C301-0004	E+F68	-	-
95-80C400-0004	E+F	0 ... 100 %	1)
95-80C401-0004	E+F68	0 ... 100 %	1)
95-80C500-0004	E+F	2 x (0 ... 100 %)*	2)
95-80C501-0004	E+F68	2 x (0 ... 100 %)*	2)

*separately dimmable

E+F



E+F68



Upgrade through line replacement

1)



2)



NEW



IP65 IK08 max. 150.000 lm max. 150 lm/W

POWERWING M / L

Light that thinks for itself

5 YEARS WARRANTY

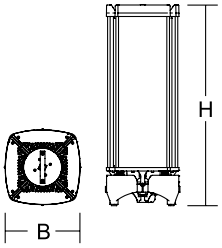
Maximum brightness meets precise alignment: the POWERWING combines powerful performance with flexible adjustability – exactly what challenging construction sites need. Four dimmable and individually adjustable modules bring light to the darkest corners, without compromise.
Less to carry, quicker to set up: as a compact all-in-one system, this wide-area luminaire replaces several individual spotlights and is ready for use in no time – whether standing, on a tripod or suspended.

- **Flexible:** Four separately controllable, adjustable light modules
- **Versatile:** For floor, tripod and suspended use
- **Powerful:** Up to 150,000 lumens, robust thanks to IP 65

Specifications subject to alteration.

POWERWING M

Aluminium/plastic housing. Opal polycarbonate cover. Four individually adjustable light modules, separately switchable on/off and dimmable. Detachable power cable with mains plug and control box. Integrated mount for DIN bolts according to DIN 14640. Includes transport box.



B 280, H 550 mm



	Φ	P					
230 V, 0 / 50 / 60 Hz							
80W01001-0001	100.000 lm	660 W	E+F[68]	1 ... 100 %	✓	I	16 kg

LED ..... 5000 K, $R_a \geq 80$

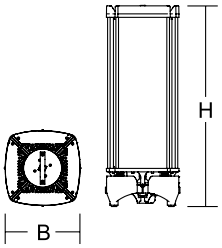
..... 10 m, H07RN-F

IP ..... IP 65

..... IK08

POWERWING L

Aluminium/plastic housing. Opal polycarbonate cover. Four individually adjustable light modules, separately switchable on/off and dimmable. Detachable power cable with mains plug and control box. Integrated mount for DIN bolts according to DIN 14640. Includes transport box.



B 280, H 750 mm



	Φ	P					
230 V, 0 / 50 / 60 Hz							
80W02001-0001	150.000 lm	980 W	E+F[68]	1 ... 100 %	✓	I	21 kg

LED ..... 5000 K, $R_a \geq 80$

..... 10 m, H07RN-F

IP ..... IP 65

..... IK08



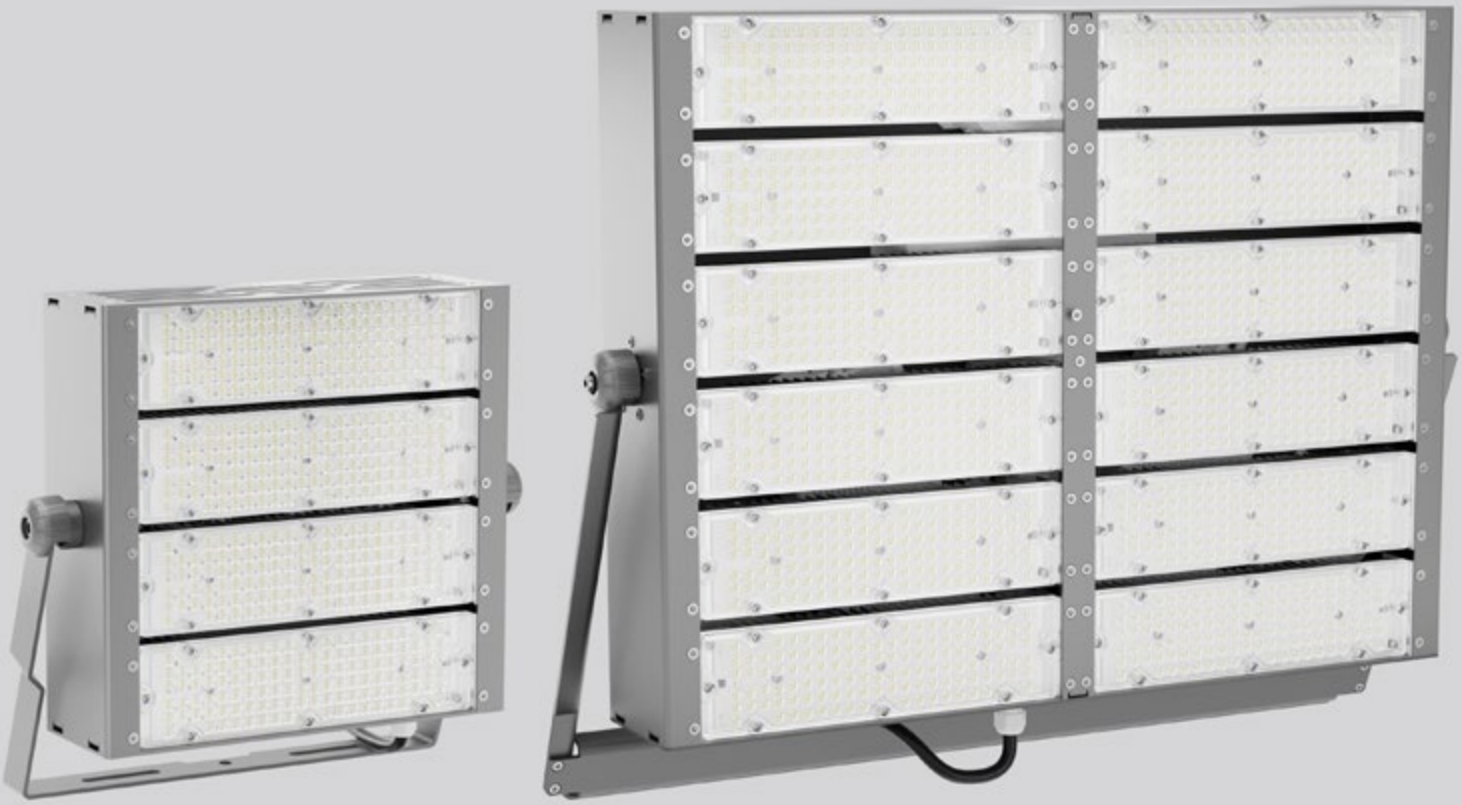
E+F[68]



CEE 7/7

Overview of plug-in systems see page 145.





IP66 IK08 Made in Germany **max. 165.000 lm** **max. 150 lm/W**

THORIX II

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

5 YEARS WARRANTY

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 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 Ra ≥ 80
- LED in daylight white 5,000 K
- Wide range of accessories
- Resource-saving due to replaceable components

THORIX II

Features



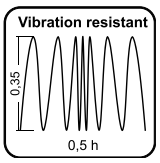
Optical lens system for 30°, 60° and 90° beam angle selection

Passive cooling, no wearing parts, maintenance-free



Impact and break resistant housing

DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529

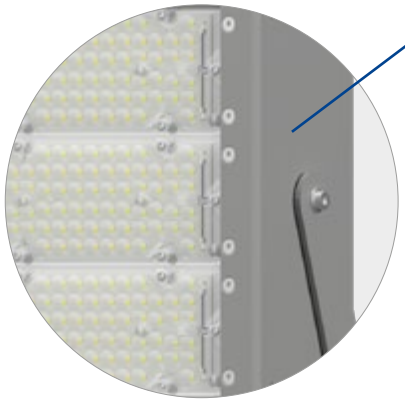


VIBRATION STABILITY
as per
DIN EN 60598-1



Resource-saving due to replaceable components

Robust housing in lightweight construction made of aluminum, powder coated



High protection rating IP 66



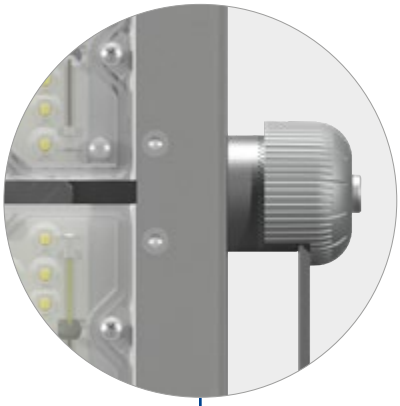
Specifications subject to alteration.



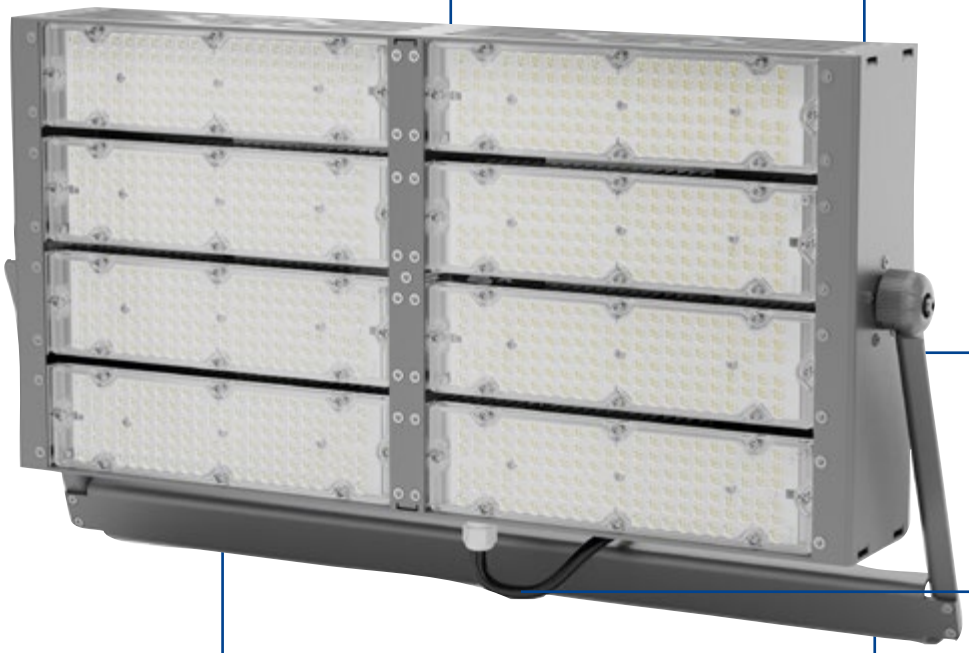


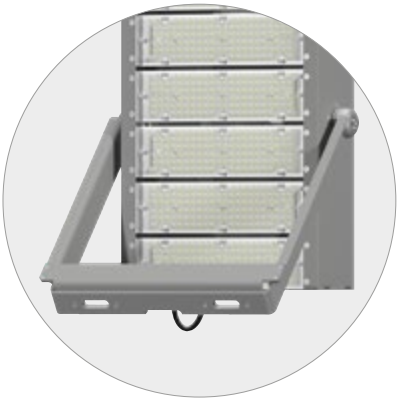
Optionally available glare shield to reduce light pollution (Dark Sky)

Interception rope to secure the luminaire



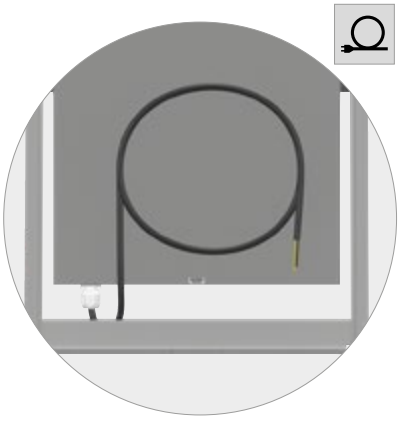
Finely adjustable illumination direction in 6° steps, 360° swiveling and positionable



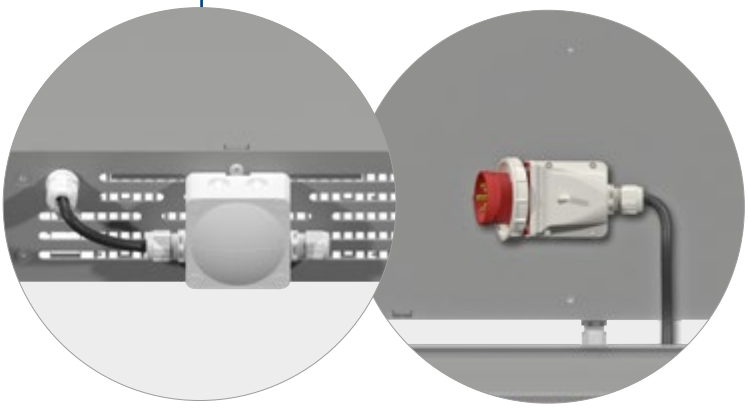


Universal fixing option with slotted holes in the bracket

With 1 m supply cable H07RN-F



Optionally available junction box and mains connection plug

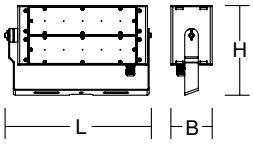


Mounting bracket made of stainless steel, powder coated



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

LED ..... 5000 K, $R_a \geq 80$

..... ■ 1 m, H07RN-F

..... IK08

	Φ	∠α	P	Ω	⏚	IP	
220-240 V, 50/60 Hz							
70T023Z0-0014	26400 lm	30°	180 W	1,0 m	I	IP 66	6,1 kg
70T026Z0-0014	26400 lm	60°	180 W	1,0 m	I	IP 66	6,1 kg
70T029Z0-0014	26400 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

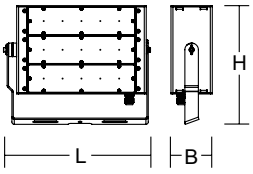
90°

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

LED ..... 5000 K, $R_a \geq 80$

..... ■ 1 m, H07RN-F

..... IK08

	Φ	∠α	P	Ω	⏚	IP	
220-240 V, 50/60 Hz							
70T033Z0-0014	38500 lm	30°	265 W	1,0 m	I	IP 66	8,8 kg
70T036Z0-0014	38500 lm	60°	265 W	1,0 m	I	IP 66	8,8 kg
70T039Z0-0014	38500 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

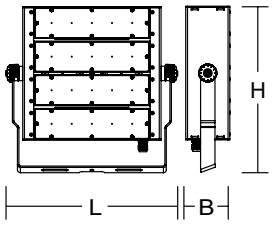
90°

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

Specifications subject to alteration.

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	α	P			IP	
220-240 V, 50/60 Hz							
70T043Z0-0014	52800 lm	30°	370 W	1,0 m	I	IP 66	10,6 kg
70T046Z0-0014	52800 lm	60°	370 W	1,0 m	I	IP 66	10,6 kg
70T049Z0-0014	52800 lm	90°	370 W	1,0 m	I	IP 66	10,6 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 1 m, H07RN-F

..... IK08

30°

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

60°

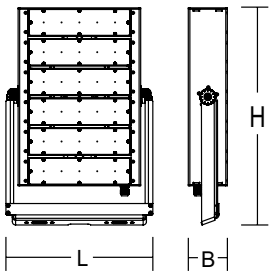
h (m)	Ø (m)	E (lx)
10	15	299
20	30	75
30	44	33
40	59	19
50	74	12

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	α	P			IP	
220-240 V, 50/60 Hz							
70T063Z0-0014	77000 lm	30°	535 W	1,0 m	I	IP 66	15,3 kg
70T066Z0-0014	77000 lm	60°	535 W	1,0 m	I	IP 66	15,3 kg
70T069Z0-0014	77000 lm	90°	535 W	1,0 m	I	IP 66	15,3 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 1 m, H07RN-F

..... 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°

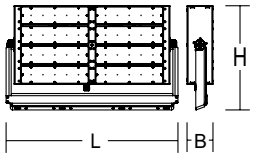
h (m)	Ø (m)	E (lx)
20	37	96
40	74	24
60	111	11
80	148	6
100	185	4

SONLUX



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

LED ..... 5000 K, $R_a \geq 80$

..... ■ 1 m, H07RN-F

..... IK08

	Φ	∠α	P	Ω	⏚	IP	
220-240 V, 50/60 Hz							
70T083Z0-0014	112.400 lm	30°	775 W	1,0 m	I	IP 66	21,3 kg
70T086Z0-0014	112.400 lm	60°	775 W	1,0 m	I	IP 66	21,3 kg
70T089Z0-0014	112.400 lm	90°	775 W	1,0 m	I	IP 66	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°

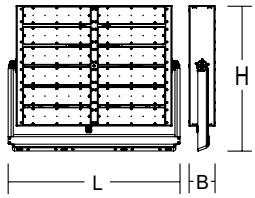
h (m)	Ø (m)	E (lx)
20	30	151
40	59	38
60	89	17
80	118	10
100	148	6

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



LED ..... 5000 K, $R_a \geq 80$

..... ■ 1 m, H07RN-F

..... IK08

	Φ	∠α	P	ϟ	Ω	⏚	IP	
220-240 V, 50/60 Hz								
70T0C3Z0-0014	165.000 lm	30°	1.115 W	230 V	1,0 m	I	IP 65	31,9 kg
70T0C6Z0-0014	165.000 lm	60°	1.115 W	230 V	1,0 m	I	IP 65	31,9 kg
70T0C9Z0-0014	165.000 lm	90°	1.115 W	230 V	1,0 m	I	IP 65	31,9 kg
400 V, 50/60 Hz								
70T4C3Z0-0014	165.000 lm	30°	1.115 W	400 V	1,0 m	I	IP 65	31,6 kg
70T4C6Z0-0014	165.000 lm	60°	1.115 W	400 V	1,0 m	I	IP 65	31,6 kg
70T4C9Z0-0014	165.000 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°

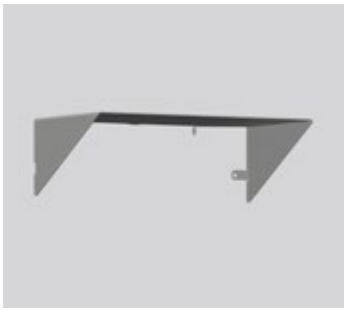
h (m)	Ø (m)	E (lx)
20	36	204
40	73	51
60	109	23
80	146	13
100	182	8

Specifications subject to alteration.

Glare shield (2- to 6-Module)

To reduce glare and light pollution (Dark Sky)

95-0281-0014	2 to 6 modules	0,61 kg
95-0282-0014	8 to 12 modules	1,05 kg



Adapter plate

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

95-0287-0014	2 to 6 modules	4,40 kg
95-0288-0014	8 to 12 modules	6,42 kg





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







IP66 IK08 Made in Germany **max. 38500 lm** **max. 145 lm/W**

THORIX II Flex

LED spotlights

5 YEARS WARRANTY

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
- Resource-saving due to replaceable components

THORIX II Flex

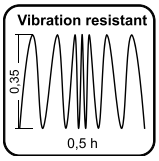
Properties



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

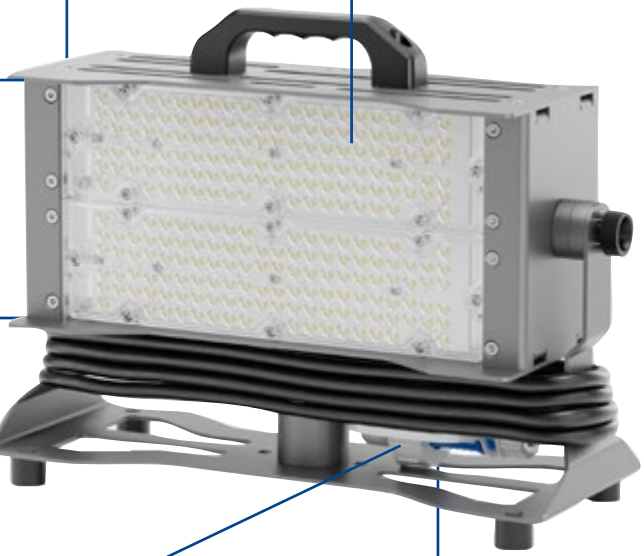
Passive cooling, no wearing parts, maintenance-free





DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529

VIBRATION STABILITY
as per
DIN EN 60598-1



Impact and break resistant housing

Resource-saving due to replaceable components

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



High protection rating IP 66



Specifications subject to alteration.



Integrated carry handle

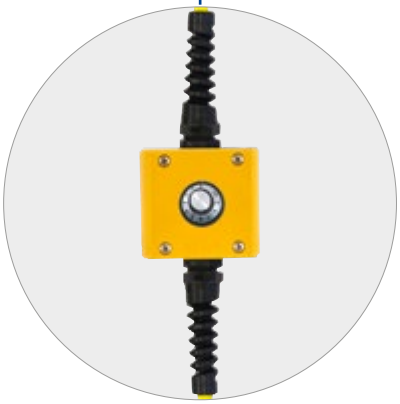


Adjustable lamp head

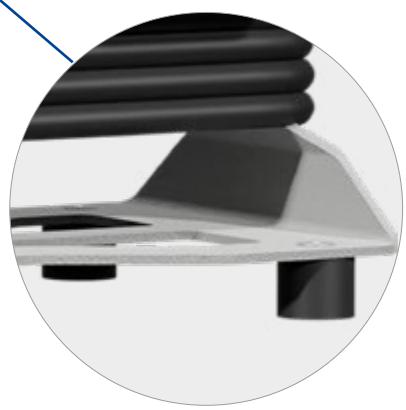


With 10 m H07RN-F / H07BQ-F
power cable and IP 68 safety plug

ON / OFF, stepless dimming
using potentiometer



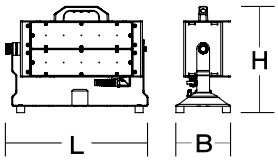
Safer, extra-non-slip stand that
will not damage the ground
thanks to integrated rubber feet





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

LED ..... 5000 K, $R_a \geq 80$

10 m, H07RN-F / ..... 10 m, H07BQ-F

..... IK08

..... E+F[68]

	Φ	α	P				IP	
220-240 V, 50/60 Hz								
70F02301-0014	26400 lm	30°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02601-0014	26400 lm	60°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02901-0014	26400 lm	90°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02A01-0014	26400 lm	30° + 60°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70F02B01-0014	26400 lm	30° + 90°	180 W	-	H07RN-F	I	IP 66	8,5 kg
70FD2301-0014	26400 lm	30°	180 W	✓	H07BQ-F	I	IP 66	8,5 kg
70FD2601-0014	26400 lm	60°	180 W	✓	H07BQ-F	I	IP 66	8,5 kg
70FD2901-0014	26400 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+F[68]

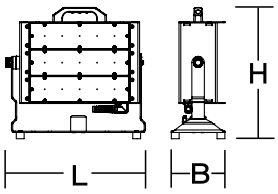


CEE 7/7



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	α	P				IP	
220-240 V, 50/60 Hz								
70F03301-0014	38500 lm	30°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03601-0014	38500 lm	60°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03901-0014	38500 lm	90°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03A01-0014	38500 lm	60° + 30° + 60°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70F03B01-0014	38500 lm	90° + 30° + 90°	265 W	-	H07RN-F	I	IP 66	11,5 kg
70FD3301-0014	38500 lm	30°	265 W	✓	H07BQ-F	I	IP 66	11,7 kg
70FD3601-0014	38500 lm	60°	265 W	✓	H07BQ-F	I	IP 66	11,7 kg
70FD3901-0014	38500 lm	90°	265 W	✓	H07BQ-F	I	IP 66	11,7 kg

LED ..... 5000 K, $R_a \geq 80$

..... ■ 10 m, H07RN-F / ■ 10 m, H07BQ-F

..... 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+F[68]



CEE 7/7



Accessories

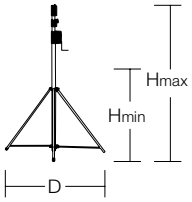


Crank tripod Premium

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

Incl. tripod adapter with 30 mm DIN spigot (DIN 14640) and **tensioning set** (3 x rope cord and peg)

Pack size: L 1,850, B 230, H 160 mm



95-0060-0001	H max 3.800, H min 1.740, D 1.300 mm	17,7 kg

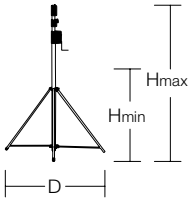


Tripod Professionell

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

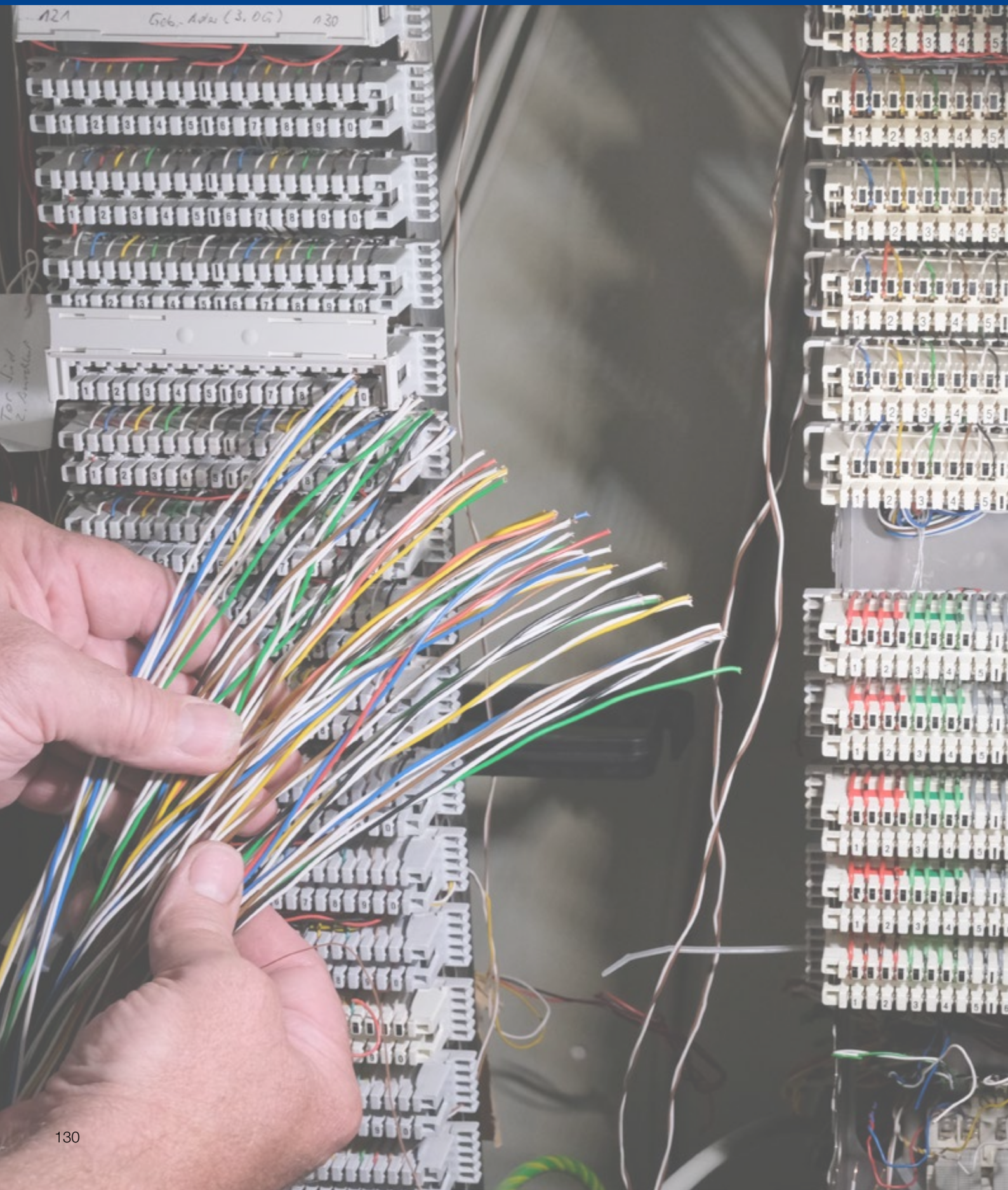


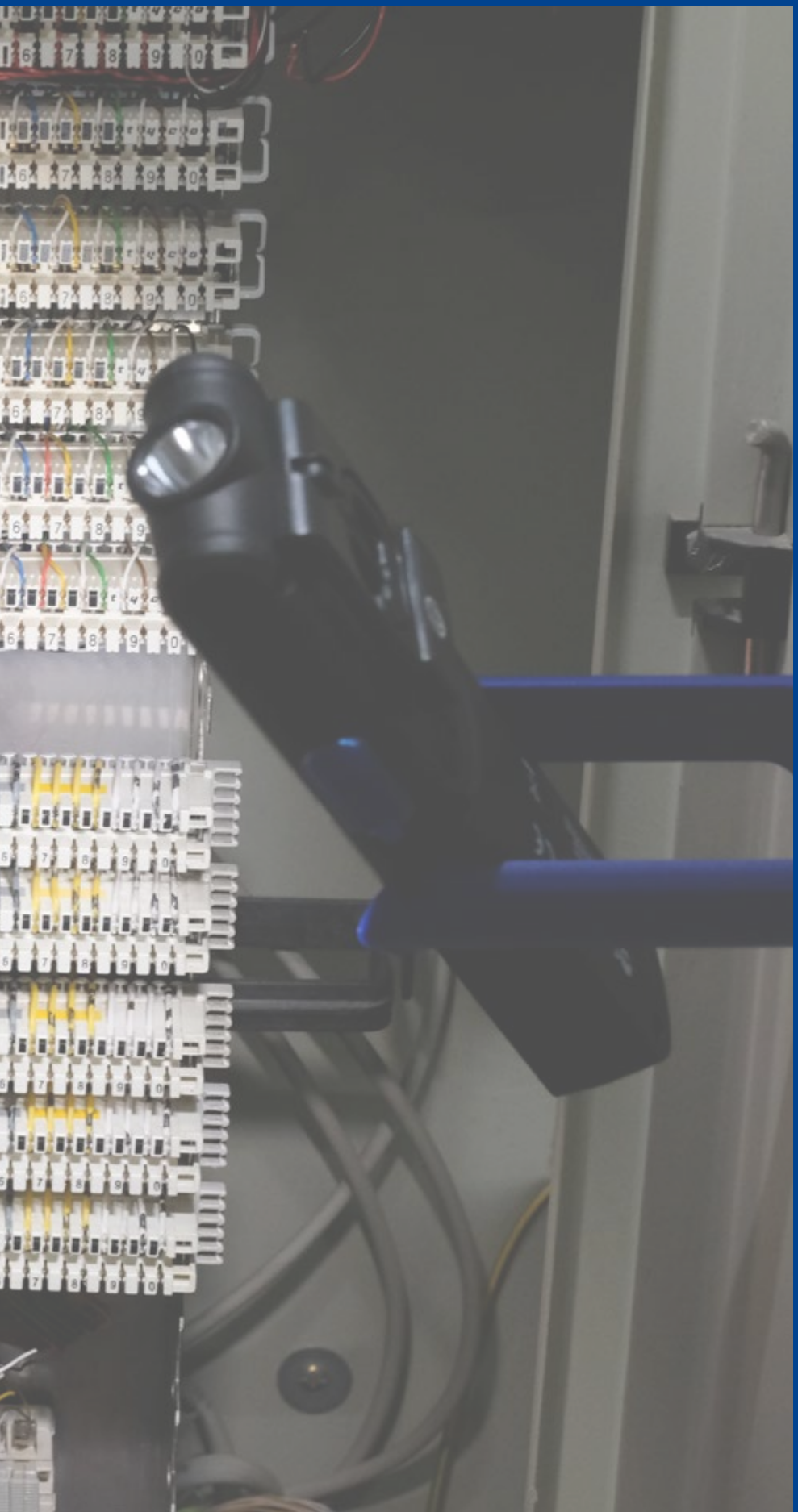
95-0225-0001	L 350 mm	0,05 kg

Specifications subject to alteration.



Hand lamps







ACHILLES

132



max. 350 lm/W

ACHILLES

Hand-held luminaires

3 YEARS WARRANTY

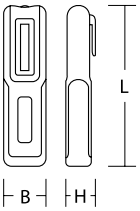
The ACHILLES LED battery-operated hand lamps should not be missing from any toolbox, maintenance or inspection. Robust, yet compact and light as well as equipped with a pleasant soft-touch surface, they are an everyday companion at work.

- 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≥96 (version „MC maxi")

Specifications subject to alteration.

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



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

≈ 3 h

LED
Front: 6400 K, $R_a \geq 80$
Top: 6400 K, $R_a \geq 80$

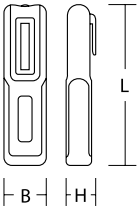
Li-Ion
Li-Ion, 3,7 V
1200 mAh

USB Type C
≈ 3 h

ACHILLES MC maxi

Dimmable rechargeable hand-held torch with excellent colour rendition 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).

CRI > 96
FRONT LED



L 190, B 60, H 32 mm



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

≈ 3 h

LED
Front: 5000 K, $R_a \geq 96$
Top: 6400 K, $R_a \geq 80$

Li-Ion
Li-Ion, 3,7 V
2000 mAh

Front LED
Top LED

USB Type C
≈ 5 h

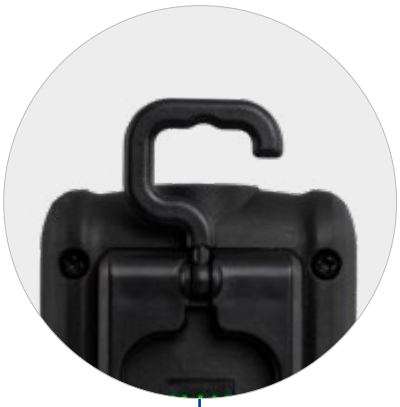
USB Type A
Powerbank

ACHILLES

Features



Charge level indicator



Adjustable strap



Switch: ON / OFF



USB Type C

USB-C charging cable included



Universal attachment with magnet



Specifications subject to alteration.



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



Switchable between Front- and Top-LED

CRI >90

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



Switch: ON / OFF, dimmable: - / +



Adjustable bracket



Powerbank function for „MC maxi“ version



Appendix





Conditions of sale and delivery

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Signs and symbols

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Contact

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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




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Chemical Resistance

to the plastics used in the manufactured luminaires

Chemical Agents	max. concen-tration	PC	PMMA
Acetone		-	-
Battery Acid		o	-
Aliphate. 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		+	+
Glysantin		+	+
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. concen-tration	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	≤ 0,15 Joule
IK02	≤ 0,20 Joule
IK03	≤ 0,35 Joule
IK04	≤ 0,50 Joule
IK05	≤ 0,70 Joule
IK06	≤ 1,0 Joule
IK07	≤ 2,0 Joule
IK08	≤ 5,0 Joule
IK09	≤ 10,0 Joule
IK10	≤ 20,0 Joule

Specifications subject to alteration.

- Order number
- Protection class
- IP Degree of protection
- IK Impact resistance (IK Code)
- Weight
- Beam angle
- Number of socket outlets
- Charger
- With / without switch
- Connector system
- Dimmable luminaire
- Effective luminous flux of the luminaire (lm)
- P System power (Watt)
- System performance battery operation
- System performance mains operation (with simultaneous battery charging)
- Powerbank
- Power supply cable
- Lighting duration
- Impact- and break-resistant construction (IK code)
- Luminaires with limited surface temperature
- Battery / rechargeable battery
- Battery charging time
- USB Type A USB-A
- USB Type C USB-C
- Portable
- Pressure compensating valve against the formation of condensation water in the luminaire
- With through-wiring
- MultiColour Colour temperature adjustable in various steps
- MultiLumen Luminous flux adjustable in various steps
- MultiLumen EasySelect MES - simply set the desired level using the light switch or circuit breaker
- Casambi Bluetooth® Control
- Emergency light function
- Made in Germany Designed, manufactured and tested in Germany

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.

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Specifications subject to alteration.

	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	 1  2	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+F^{68}		E+F^{68} (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
F^{68}		E+F^{68} (IP 68) CEE 7/7	 	F^{68} (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	 1  2	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.

SONLUX

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