



MOBILE LIGHT

VALID FROM 1 OCTOBER 2023



Welcome to SONLUX

Headquartered in Sondershausen, Thuringia region, Germany, on premises of more than 100,000 m² surface area incl. 25,000 m² of office and production area, SONLUX is manufacturing luminaires and plastic components.

Since the takeover of the production site in 1992, the factory has been converted into an advanced production facility for quality luminaires by means of innovative development and production. Since then the company has been called SONLUX.

With a staff of 150, we now manufacture work lights and customised product solutions for professional users and plastic components for OEM customers.



Your advantages

- All our products meet extremely high quality standards ("Made in Germany" and DIN EN ISO 9001:2015 certified) and are of excellent
- Customer-oriented services and customized product solutions
- Competence in most modern plastic processing
- High level of automation and high manufacturing depth
- Innovation strength, documented by different property rights and design awards
- Own construction department, VDE-approved test lab and light lab
- Short delivery times and high-grade adherence
- To delivery dates guaranteed by own logistics centre and integrated SAP system

Professional lighting solutions for almost any scenario

SONLUX lighting solutions are ideal for settings such as the following, where high quality portable or stationary lighting is needed:

- Police and fire departments; rescue-unit facilities; military facilities
- Factories; building contractors; farms; aerospace facilities
- Sports facilities
- Cinema and theatre



Customized products custom-made to your specific needs

SONLUX also designs and produces lighting systems completely individually according to your needs and intended use. This can be support systems for our existing luminaire range or a completely new development, such as special lighting solutions for aircraft construction, wind turbines or road pavers.

Thanks to our extensive experience working with industrial companies and government agencies, we are able to find the right solution for every setting.

Quality “Made in Germany” guaranteed for years

Our products are developed and manufactured with the greatest care. We guarantee high quality and durability. Out of conviction, we therefore grant a manufacturer’s guarantee of up to 5 years on all SONLUX luminaires.



Batteries and accumulators are excluded.
All warranty conditions can be found at www.sonlux.de.



Sustainability and environmental protection

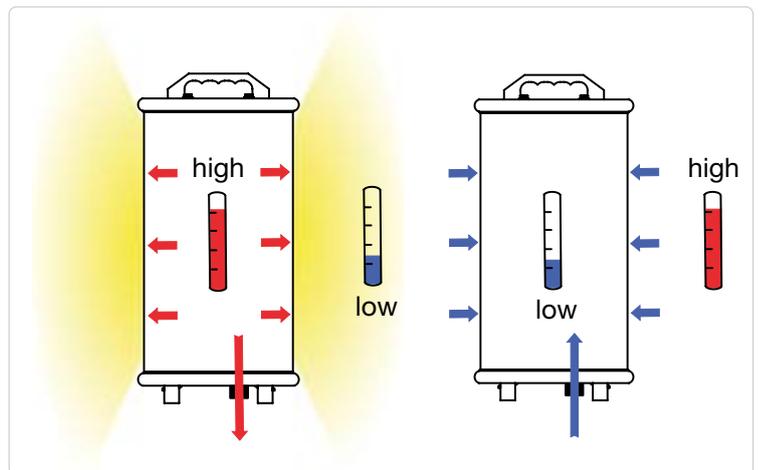
SONLUX produces sustainably. Our products are durable, environmentally friendly and resource-saving.

In addition to the continuous further development of our sustainable product portfolio, the focus of our growth concept is on the sustainable product portfolio, the continuous improvement of operational environmental protection.

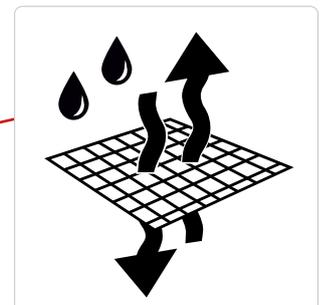
Moisture or condensation and electricity do not go together. This repeatedly leads to failures in luminaires and other electrical devices. Where there is water, the risk of short circuits and thus the failure of electrical equipment increases.



It is not enough to simply seal the luminaire as hermetically as possible to protect the electrical components from moisture and dirt. Especially outdoors, pressure builds up in the sealed housing due to changing temperatures and environmental influences. On the one hand, this leads to the formation of condensation and, on the other hand, damages the seal so that moisture and impurities can penetrate.



Our pressure equalisation valve with patented filter technology, specially developed by SONLUX, enables rapid pressure equalisation due to its high air flow, especially with large-volume luminaires, thus preventing the formation of condensation water inside and the resulting damage to electrical components and failure of the unit.





COMPACT LIGHTS



17 GLADIATOR Pocket



21 GLADIATOR mini



27 GLADIATOR II
GLADIATOR II Accu



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



55 BEAM



59 SPARTACUS

HAND LAMPS | FLASHLIGHTS



135 **SteckGO**



141 ACHILLES mini
ACHILLES maxi
ACHILLES MC mini
ACHILLES MC maxi



147 SUPRABEAM

LARGE AREA LIGHTING



81 POWERTUBE II
POWERTUBE II SC

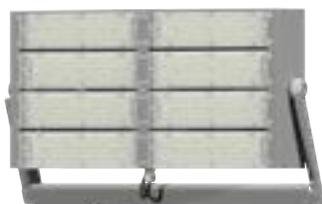


93 POWERDISK
POWERDISK SC



105 POWERCASE L
POWERCASE L SC

NEW



117 THORIX II



125 THORIX II Flex

TUBE LIGHTS

ACCESSORIES



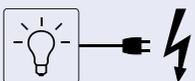
NEW



- 67 Tube lights
- 72 Tube lights Emergency light
- 73 Tube lights Basic

- 46 GLADIATOR
Accessories
- 63 SPARTACUS
Accessories
- 74 Tube lights
Accessories
- 90 POWERTUBE II
Accessories
- 100 POWERDISK
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- 114 POWERCASE L
Accessories
- 123 THORIX II
Accessories
- 130 THORIX II Flex
Accessories

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230 V 110 V 42 V 24 V

MAINS OPERATION



GLADIATOR mini

21 2.800 lm



POWERTUBE II

81 9.900 - 44.000 lm



GLADIATOR II

27 4.000 lm



POWERDISK

93 52.000 lm



GLADIATOR SL

35 4.000 / 8.000 lm



POWERCASE L

105 102.200 lm



BEAM

55 4.500 lm

NEW



THORIX II

117 24.000 - 150.000 lm



SPARTACUS

59 3.600 lm



THORIX II Flex

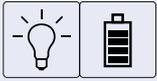
125 24.000 / 35.000 lm

NEW



Tube lights

67 1.200 - 7.900 lm



OPERATION WITH INTEGRATED BATTERY



GLADIATOR Pocket

17	1.000 lm	≤ 10 h
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NEW



SteckGO

135	≤ 15 lm	≤ 2,5 h
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GLADIATOR II Accu

32	2.600 lm	≤ 8 h
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ACHILLES

144	≤ 350 lm	≤ 3 h
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GLADIATOR SL I Accu

40	4.000 lm	≤ 10 h
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ACHILLES MC

145	≤ 350 lm	≤ 3 h
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GLADIATOR SL I B18V

42	4.000 lm	≤ 30 h
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SUPRABEAM

147	6 - 2.000 lm	≤ 500 h
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			Φ_V	P			
 SteckGO		135	15 lm	0,2 W	5 V DC	IP 44	
 ACHILLES		141	50 - 350 lm		3,7 V	IP 20	
 GLADIATOR Pocket		17	1.000 lm	10 W	5 V	IP 54	
 GLADIATOR mini		21	2.800 lm	33 W	230, 110, 42, 24, 12 V	≤ IP 65	
 GLADIATOR II		27	4.000 lm	40 W	230, 110, 42, 24, 12 V	≤ IP 66	
 GLADIATOR II Accu		32	2.600 / 1.300 lm	24 W	230 / 16,8 V	IP 54	
 GLADIATOR SL I		39	4.000 lm	40 W	230 V	≤ IP 66	
 GLADIATOR SL II		39	8.000 lm	75 W	230 V	≤ IP 66	
 GLADIATOR SL I Accu		40	4.000 lm	29 / 36 W	230 V	IP 66	
 GLADIATOR SL I B18V		42	4.000 lm	29 W	18 V	IP 20	
 BEAM		55	4.500 lm	47 W	230 V	IP 65	
 SPARTACUS		59	3.600 lm	28 W	230, 110, 42, 24 V	≤ IP 65	
 NEW Tube lights		67	1.200 - 7.900 lm	12 - 56 W	230, 42, 24 V	≤ IP 67	
 POWERTUBE II		81	9.900 - 44.000 lm	93 - 400 W	230, 110, 42, 24 V	IP 65	
 POWERDISK		93	52.000 lm	421 W	230 V	IP 65	
 POWERCASE L		105	102.200 lm	775 W	230 V	IP 65	
 NEW THORIX II		117	24.000 - 150.000 lm	180 - 1.115 W	230, 400 V	≤ IP 66	
 THORIX II Flex		128	24.000 - 35.000 lm	180 - 265 W	230 V	IP 66	

								Warranty (years)	Spare parts service
					≤ 2,5 h			2	
					≤ 3 h	✓		3	
	IK05		USB		≤ 10 h	OFF 25 50 100 %		3	
	IK08	0 - 2	E, F, J, K, G, CEE, Car			2-stage		3	✓
	IK08	0 - 3	E, F, C, J, K, G, CEE, Car					3	✓
	IK08		C*		4 / 8 h			3	✓
	IK08	0 / 2	F, E			5-stage		3	✓
	IK08	0 / 2	F, E			5-stage		3	✓
	IK07		E+F		≤ 10 h			3	✓
	IK08				≤ 30 h			3	✓
	IK06		E+F					3	
	IK07	0 - 2	E, F, J, K, G, CEE					3	✓
	IK08	0 / 1	E, F, J, K, G, CEE	✓				3	✓
	IK08		E, F, J, K, G, CEE					5	✓
	IK10		E, F, J, CEE			✓	✓	5	✓
	IK08		E+F			✓	✓	5	✓
	IK08							5	✓
	IK08		E+F ⁶⁸			✓		5	✓

Compact lights





GLADIATOR Pocket

17



GLADIATOR mini

21



GLADIATOR II
GLADIATOR II Accu

27



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

35



BEAM

55



SPARTACUS

59





GLADIATOR Pocket

Mobile battery work light



The mobile LED battery-operated work light GLADIATOR Pocket is extremely robust and handy, with 10 W power, 1000 lm luminous flux and a protection class of IP 54, it is the ideal aid for even the most demanding tasks.

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

Features



POWERBANK function



Li-Ion
4.400 mAh, 3,7 V DC



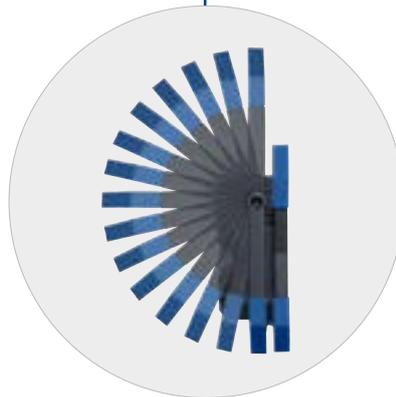
ON/OFF (OFF | 25 | 50 | 100%)
switch and charge status display



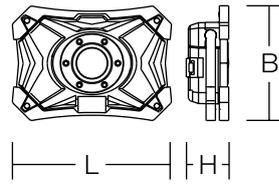
Charging cable USB



Adjustable positioning



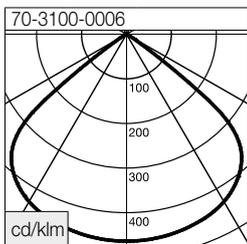
Battery-operated LED spotlight with highly efficient COB LED, 3-way switch, robust aluminium die-cast housing with soft edge guard made of thermoplastic elastomer, with adjustable bracket, charge status display and POWERBANK-function, charging cable included (USB-A / USB-Micro-B).



L 283, B 272, H 104 mm



70-3100-0006	5 V DC	USB	OFF 25 50 100%	III	IP 54	0,7 kg

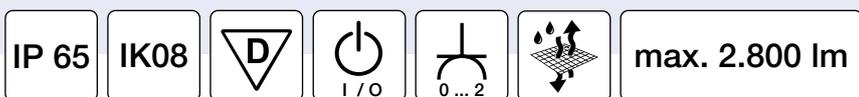


h (m)	Ø (m)	E (lx)
1	2.47	413
2	4.95	103
3	7.42	46
4	9.89	26
5	12.37	17

- Φ_v 1.000 lm effective
- 6.500 K, $R_a \geq 80$ COB LED
- P** 10 W
- Li-Ion, 4.400 mAh, 3,7 V DC
- ≤ 10 h
- T** IK05
- POWERBANK-funktion







GLADIATOR mini

Mobile work light



The compact size, light weight and versatility of our work lights make them particularly mobile.

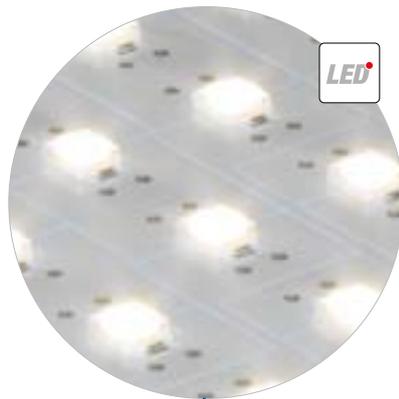
- Impact-resistant and break-proof 2-component compact housing
- High type of protection, optional up to IP 65
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard or multiple shadows
- Available with 2 socket outlets and switch
- Cable storage facility on housing
- Environmentally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

GLADIATOR mini

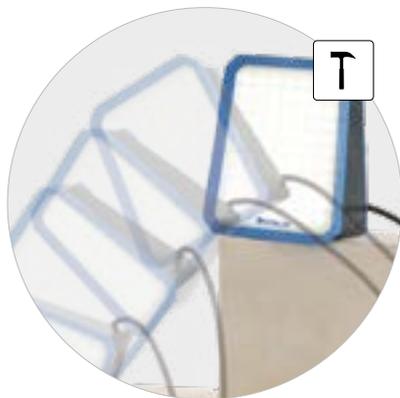
Features



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24



LED panel with high-efficiency-SMD-LEDs



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

Anti-glare illumination thanks to opal cover



High degree of protection up to IP 65



Environmentally friendly and conserves resources thanks to replaceable components



Pressure compensating valve against the formation of condensation water in the luminaire

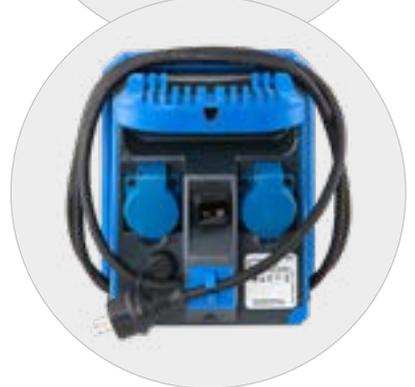
Ergonomically placed ON/OFF switch

Optional up to 2 socket outlets and switch

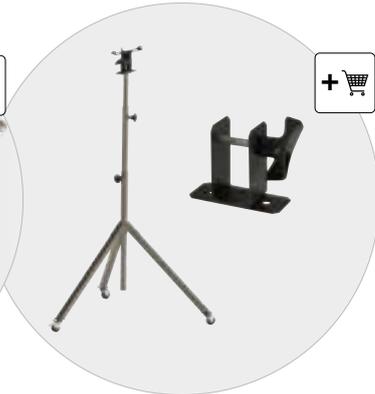
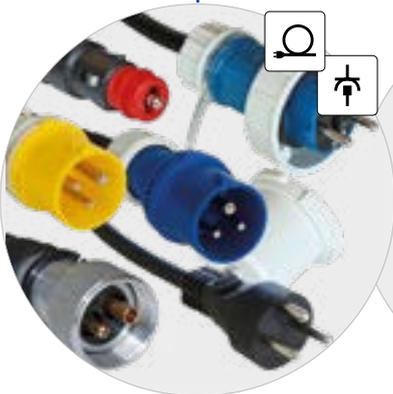


Integrated handle

Cable storage facility on housing

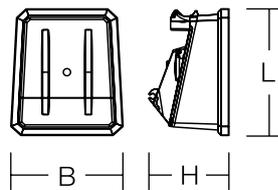


Alternative plug-in systems and supply cable lengths on request
Wide range of accessories





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

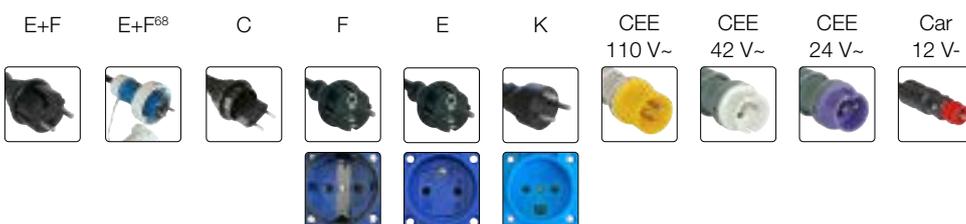
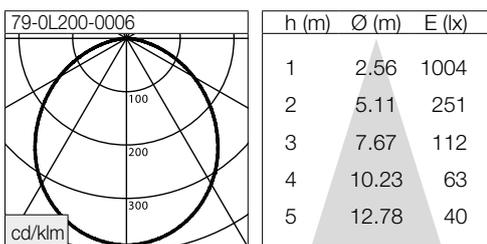


L 250, B 215, H 155 mm



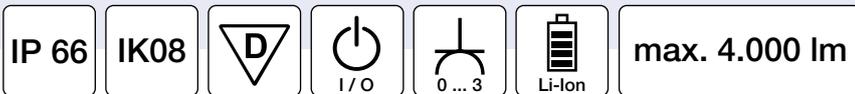
	Φ_v							
230 V, 50-60 Hz								
79-0L000-0006	2.800 lm	-	E+F	-	II	IP 54	2,5 m	1,4 kg
79-0L200-0006	2.800 lm	2	F	✓	I	IP 54	2,5 m	1,7 kg
79-0L001-0006	2.800 lm	-	E+F ⁶⁸	-	II	IP 65	5,0 m	2,1 kg
79-0L0CH-0006	2.800 lm	-	C	-	II	IP 54	2,5 m	1,5 kg
79-0L2DK-0006	2.800 lm	2	K	✓	I	IP 54	2,5 m	1,8 kg
79-0L2B0-0006	2.800 lm	2	E	✓	I	IP 54	2,5 m	1,8 kg
110 V, 0/50-60 Hz								
79-7L070-0006	2.800 lm	-	CEE 110	-	II	IP 54	5,0 m	1,8 kg
42 V, 50-60 Hz								
79-6L060-0006	2.800 lm	-	CEE 42	-	III	IP 54	5,0 m	1,8 kg
24 V, 50-60 Hz								
79-5L050-0006	2.800 lm	-	CEE 24	-	III	IP 54	5,0 m	1,8 kg
12 V / 0 Hz								
79-4L040-0006	2.600 lm	-	Car	✓	III	IP 54	5,0 m	1,6 kg

Φ_v	2.800 lm effective
	5.000 K, Ra ≥ 80 LED panel
P	33 W
	5 m, H07RN-F black
T	IK08



Overview of plug-in systems see page 159.





GLADIATOR II

Mobile work light



Our GLADIATOR II, which has won all key design awards, proves that function and design can be successfully combined into a single unit for portable work lights.

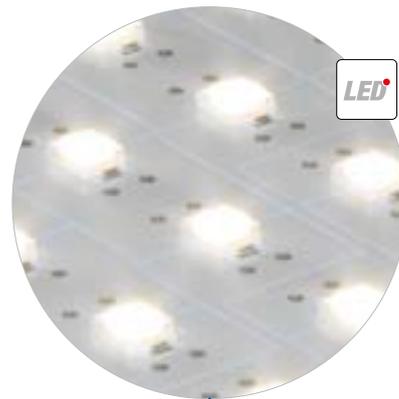
- Impact-resistant and break-proof 2-component compact housing
- High type of protection, optional up to IP 66
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard or multiple shadows
- Optionally available with 3 sockets and switch
- Environmentally friendly and conserves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

GLADIATOR II

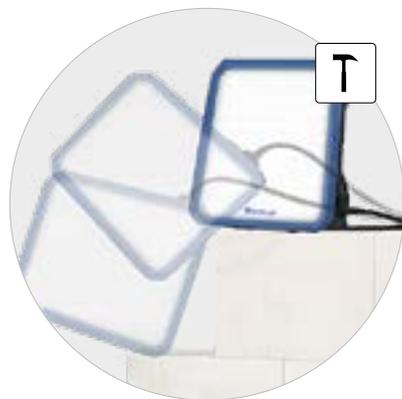
Features



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24



LED panel with high-efficiency-SMD-LEDs



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

Anti-glare illumination thanks to opal cover



High degree of protection up to IP 65



Environmentally friendly and conserves resources thanks to replaceable components



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

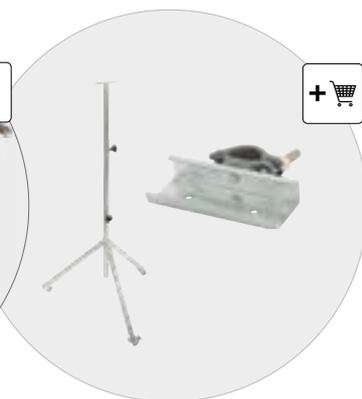
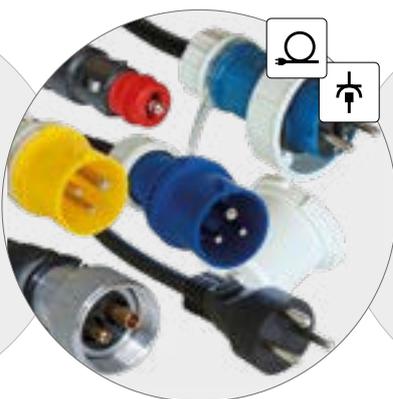
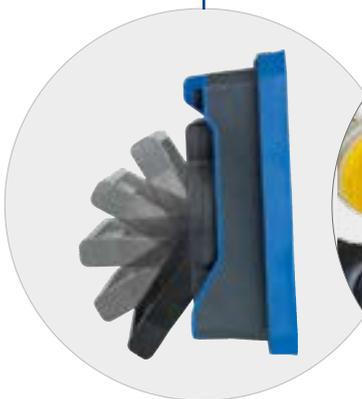
Optional up to 3 socket outlets



Integrated handle

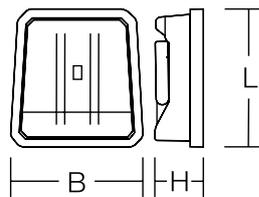


Direction of light adjustable with bracket
Alternative plug-in systems and supply cable lengths on request
Wide range of accessories





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.

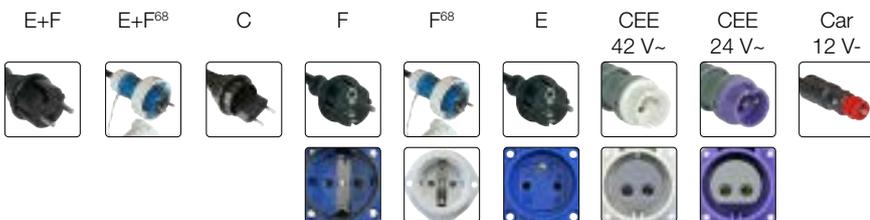
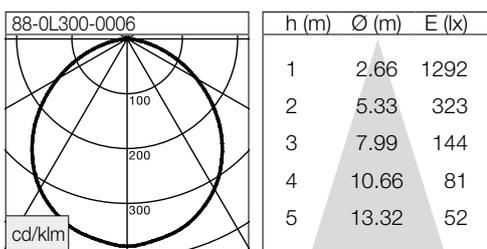


L 320, B 305, H 110 mm



	Φ_v						
230 V, 50-60 Hz							
88-0L000-0006	4.000 lm	-	E+F	-	II	IP 66	2,2 kg
88-0L300-0006	4.000 lm	3	F	✓	I	IP 54	2,8 kg
88-0L001-0006	4.000 lm	-	E+F ⁶⁸	-	II	IP 66	2,5 kg
88-0L101-0006	4.000 lm	1	F ⁶⁸	✓	I	IP 65	2,9 kg
88-0L0CH-0006	4.000 lm	-	C	-	II	IP 66	2,2 kg
88-0L3B0-0006	4.000 lm	3	E	✓	I	IP 54	2,8 kg
42 V, 50-60 Hz							
88-6L060-0006	4.000 lm	-	CEE 42	-	III	IP 66	2,5 kg
88-6L160-0006	4.000 lm	1	CEE 42	✓	III	IP 44	2,6 kg
24 V, 50-60 Hz							
88-5L050-0006	4.000 lm	-	CEE 24	-	III	IP 66	2,5 kg
88-5L150-0006	4.000 lm	1	CEE 24	✓	III	IP 44	2,6 kg
12 V / 0 Hz							
88-4L040-0006	2.600 lm	-	Car	✓	III	IP 65	2,3 kg

- Φ_v 4.000 lm effective
- 5.000 K, Ra ≥ 80 LED panel
- P** 40 W
- 5 m, H07RN-F black
- T** IK08



Overview of plug-in systems see page 159.



GLADIATOR II Accu

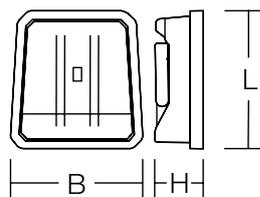
Mobile battery work light



The model version GLADIATOR II Accu enlarges - literally! - the application radius of this luminaire series. Equipped with a high-quality Li-Ion battery, the cordless version provides up to 8 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 8 hours of homogeneous, universally usable working light
- 2-stage switch (50 %, 100 %)
- Capacity indicator (0 - 100 %)
- Avoiding hard or multiple shadows
- Wide light beam and anti-glare illumination thanks to opal cover
- Impact-resistant and break-proof 2-component compact housing
- Environmentally friendly and conserves resources thanks to replaceable components

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



L 320, B 305, H 110 mm



88-ALL42-0006.1A	1)	✓	III	IP 54	WEIPU	2,5 kg
88-ALL42-0006	2)	✓	III	IP 54	WEIPU	2,7 kg

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

Φ_v 2.600 | 1.300 lm effective

..... 5.000 K, R_a ≥ 80 LED panel

P 24 W

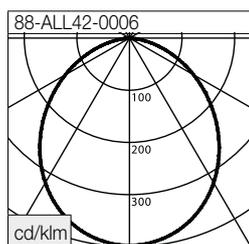
..... Li-Ion, 95 Wh
6,6 Ah, 14,4 V DC

..... 4 h | 8 h

T IK08

1)

2)



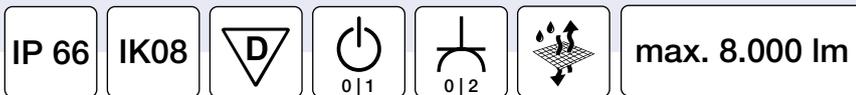
h (m)	Ø (m)	E (lx)
1	2.45	1025
2	4.90	256
3	7.35	114
4	9.80	64
5	12.25	41

C*



Overview of plug-in systems see page 159.





GLADIATOR SL I / II

Mobile working lights



Two multi-talents that are ideally suited for pleasant working and have been awarded the „German Design Award“ for design and functionality. Compact and lightweight with a luminous flux of 4,000 lumens and 8,000 lumens. The robust housing offers perfect protection against mechanical stress and, thanks to its double seal against the penetration of water and dirt.

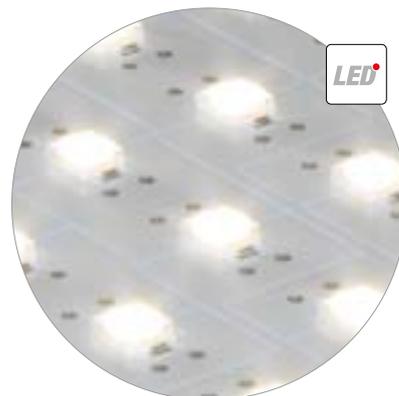
- Impact-resistant and break-proof 2-component housing
- High type of protection up to IP 66
- Wide light beam and anti-glare illumination thanks to opal cover
- Avoiding hard shadows or multiple shadows
- Optionally 2 socket outlets and switch
- Environmentally friendly and conserves resources thanks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

GLADIATOR SL

Features



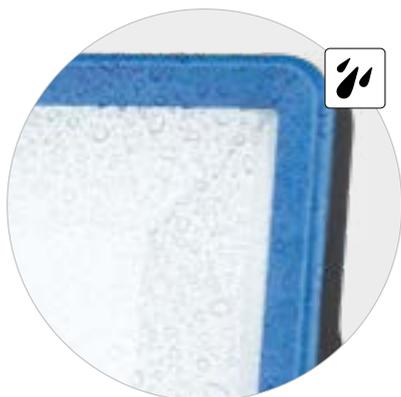
Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24



LED panel with high efficiency SMD-LEDs

Anti-glare illumination thanks to opal cover

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



High degree of protection up to IP 65

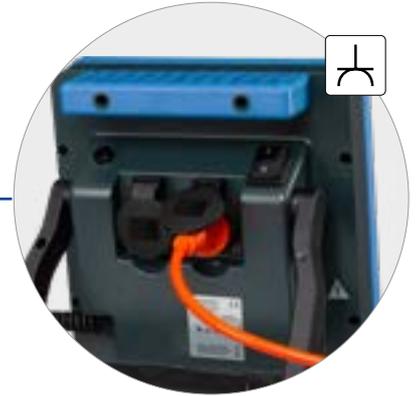


Environmentally friendly and conserves resources thanks to replaceable components



Pressure compensating valve against the formation of condensation water in the luminaire

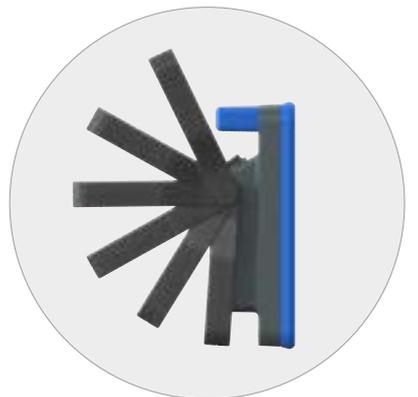
Optionally up to 2 sockets



Ergonomically placed ON/OFF switch



Adjustable positioning of handle



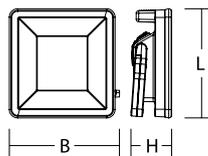
Bracket with integrated M8 threaded sockets for easy mounting to an extensive range of accessories





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.

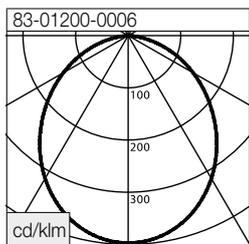


L 283, B 272, H 104 mm

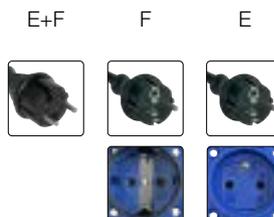


230 V, 50/60 Hz

83-01000-0006	-	E+F	-	II	IP 66	2,3 kg
83-01200-0006	2	F	✓	I	IP 54	2,7 kg
83-012B0-0006	2	E	✓	I	IP 44	2,7 kg



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



Φ_v 4.000 lm effective

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

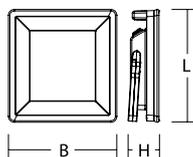
P 40 W

..... 5 m, H07RN-F black

T IK08

GLADIATOR SL II

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

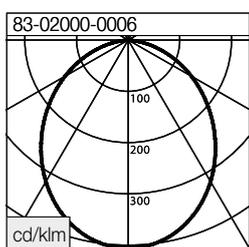


L 388, B 370, H 104 mm



230 V, 50/60 Hz

83-02000-0006	-	E+F	-	II	IP 66	3,5 kg
83-02200-0006	2	F	✓	I	IP 54	3,9 kg
83-022B0-0006	2	E	✓	I	IP 44	3,9 kg



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



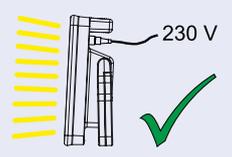
Φ_v 8.000 lm effective

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

P 75 W

..... 5 m, H07RN-F black

T IK08



IP 66	IK07							max. 4.000 lm
			0 1	≤ 10 h		Li-Ion		

GLADIATOR SL I Accu

Mobile hybrid battery light

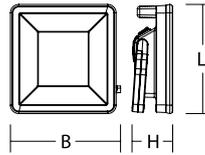


The GLADIATOR SL I Accu with its integrated, modern Li-Ion battery provides for mains-independent freedom. The luminaire, which can be dimmed in five stages, can provide the best LED working light for up to 10 hours. Should the battery be exhausted, it is possible to operate the luminaire the battery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

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



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



L 283, B 272, H 104 mm



230 V, 50/60 Hz

83-A1043-0006 18 V DC 5, 10, 20, 50, 100% ✓ III IP 66 2,4 kg



AC adapter/charger 18 V DC 2,0 A 100-240 V, 50/60 Hz E+F 3,5 h

Φ_v 4.000 lm effective

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

P_{LED} 29 W

P_{max} max. 36 W

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

..... ≤ 10 h

T IK07

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

83-A1043-0006	h (m)	\varnothing (m)	E (lx)
	1	2.44	1587
	2	4.87	397
	3	7.31	176
	4	9.74	99
	5	12.18	64



Overview of plug-in systems see page 159.



Phosphorescent user interface that glows in the dark





Powered by



GLADIATOR SL I B18V

Powerful battery light

By connecting the Bosch „Professional 18V“ interchangeable battery system already used in a wide range of professional tools, we make our latest innovation not only more mobile, but also free from the need to find a power supply.

- High-quality rechargeable Li-Ion battery of the Bosch Professional 18V System
- Compatible with Bosch Professional batteries from the GBA-ProCORE18V series
- 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
- Environmentally friendly and conserves resources thanks to replaceable components



PROFESSIONAL 18V SYSTEM POWERED BY BOSCH



Powered by  **BOSCH**



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



 GBA 18 V / 3.0 Ah
from 1,6 to 18 hours



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



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



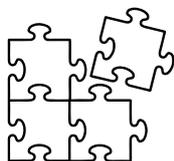
 GBA 18 V / 6.0 Ah
from 3,2 to 36 hours



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

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

YOUR ADVANTAGES AT A GLANCE



FULL COMPATIBILITY

Compatible with Bosch Professional 18V system and the GBA-ProCO-RE18V series batteries.



LEADING BATTERY TECHNOLOGY

The Professional 18V System batteries offer extreme power and outstanding durability.

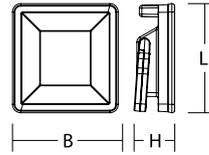


FULL FLEXIBILITY

You can even use your existing batteries for our lights.



Housing plastic anthracite/blue (polycarbonate, edge protection with soft thermoplastic elastomer - TPE), cover plastic opal (polycarbonate), handle plastic black (ABS), 5-stage switchable, with light level indicator.



L 283, B 272, H 104 mm



18 V, 0 Hz

1	83-B1000-0006	-	-	10 25 50 75 100 %	III	IP 20	1,6 kg
2	83-B1100-0006	✓	-	10 25 50 75 100 %	III	IP 20	2,2 kg
3	83-B1200-0006	✓	✓	10 25 50 75 100 %	III	IP 20	2,8 kg

Accessories			OUT	I	OUT		IN		IN	
Battery GBA 18V/5Ah	95-B1100-0001	18 V	-	-	-	-	-	-	1,2 h	
Charger GAL 18V-40	95-B1200-0001	10,8-18 V	4 A	220-240 V, 50/60 Hz	C*	-	-	-	-	

Φ_v 4.000 lm effective

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

P 29 W

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

..... ≤ 30 h

T IK08

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

83-B1000-0006	h (m)	\varnothing (m)	E (lx)
	1	2.47	1551
	2	4.94	388
	3	7.41	172
	4	9.87	97
	5	12.34	62



Overview of plug-in systems see page 159.



Accessories

Tripod-Set for GLADIATOR mini

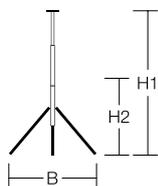
Tripod "Standard", 3-part tripod, steel, galvanised, set with mounting adapter

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

With castors (one with brake))

Without castors

↔ H1 2600, H2 1050, B 850 mm ↔ H1 2550, H2 1000, B 850 mm



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



Delivery without work lights

Luminaire bracket

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

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



U-stand adapter for luminaire bracket

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

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



Female spigots 30 mm

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

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



Spigot 30 mm

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

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



Accessories

Tripod-Set for GLADIATOR II

Tripod "Standard",
3-part tripod, steel galvanised,
set with mounting rail

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

With castors (one with brake)

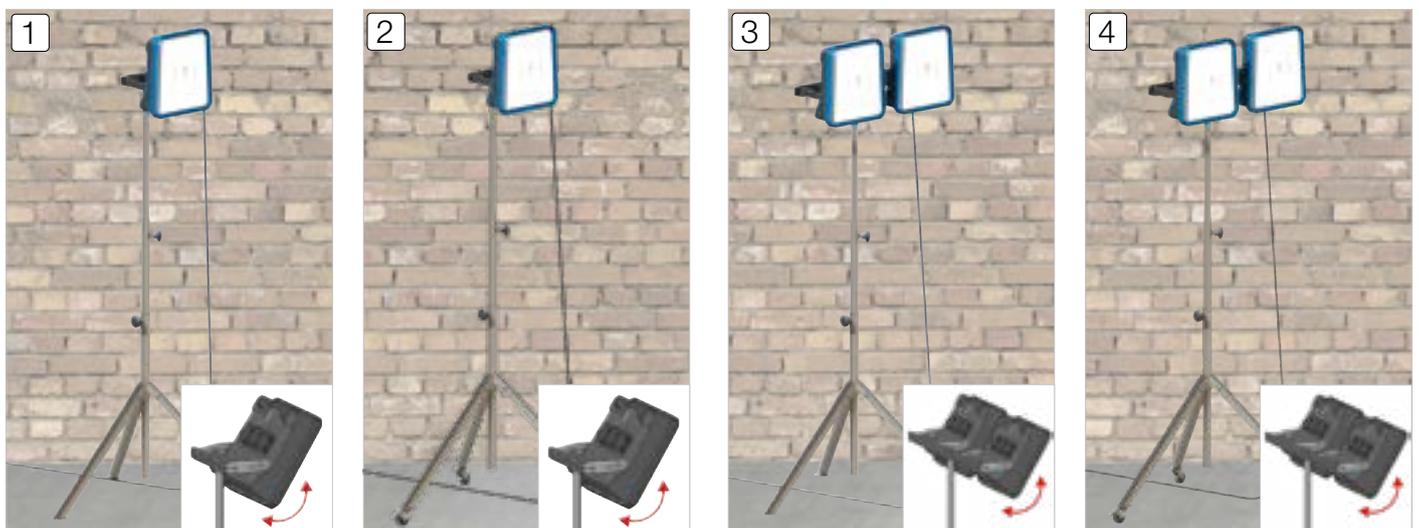
Without castors

↔ H1 2600, H2 1050, B 850 mm

↔ H1 2550, H2 1000, B 850 mm



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



Delivery without work lights

Mounting rail

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

1 work light

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

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

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

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

For attachment of 1 or 2 work lights, 3 rubberised magnets, steel, powder-coated, anthracite metallic

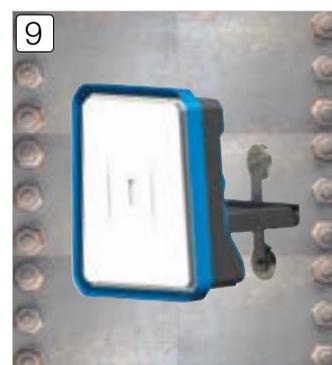
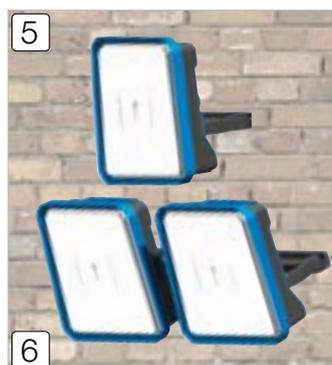
8		95-0007-0022	 L 650, B 70, H 440 mm	 2,9 kg
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Magnetic holder, single

For attachment of 1 work light, 2 magnets, steel, powder-coated, anthracite metallic

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

Accessories

Tripod-Set for GLADIATOR SL

Tripod "Standard",
3-part tripod, steel galvanised,
set with mounting rail

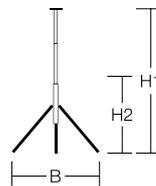
Packed dimensions:
L 1020, B 175, H 155 mm

With castors (one with brake)

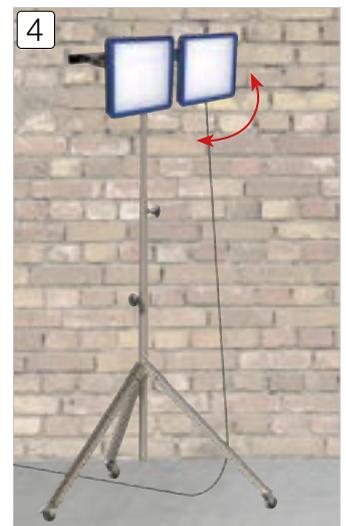
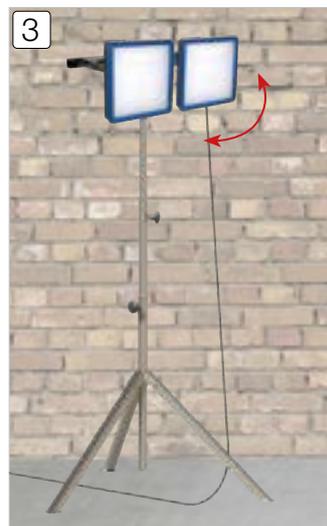
Without castors

↔ H1 2600, H2 1050, B 850 mm

↔ H1 2550, H2 1000, B 850 mm



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



Delivery without work lights

Mounting rail for GLADIATOR SL I / II

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

1 work light GLADIATOR SL I / II

5	 95-0268-0001	 L 385, B 55, H 43 mm	 0,6 kg
---	--	--	--

1 or 2 work lights GLADIATOR SL I / II

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



Magnetic holder for GLADIATOR SL I

2 magnets for mounting on handle; rubberized

7	 95-0270-0001	 D 65 mm, M8x15	 0,2 kg
---	--	--	--



Magnetic holder for GLADIATOR SL II

2 magnets for mounting on handle; rubberized

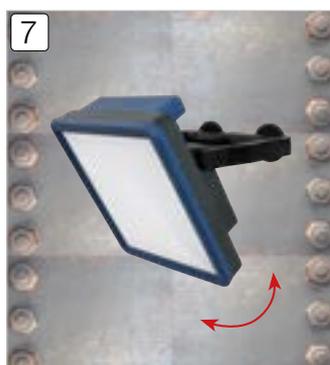
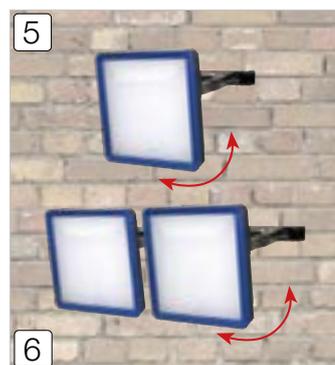
7	 95-0277-0001	 D 88 mm, M8x15	 0,39 kg
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Bag for work light GLADIATOR SL

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

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

Accessories

Tripod "Standard"

3-part tripod, steel galvanised

Packed dimensions:

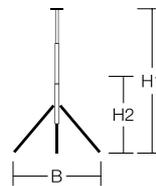
L 1020, B 175, H 155 mm

Without castors

95-0003-0001	H1 2550, H2 1000, B 850 mm	5,6 kg
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With castors (one with brake)

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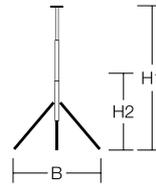


Tripod "Profi"

3-part extendable, one adjustable stand to compensate uneven terrain, built-in level for horizontal installation, Steel galvanised

Packed dimensions:

L 1.230, B 150, H 150 mm



95-0061-0001	H1 3200, H2 1250, B 1000-1600 mm	7,1 kg
--------------	----------------------------------	--------



Mounting plate

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



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

Female spigot 30 mm

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



 95-0026-0022  L 140, B 67, H 47 mm  0,17 kg

Bag for work light GLADIATOR

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



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

Light compartment Compartment for charger or supply cable

Protective cover







IP 65

IK06



4.500 lm

BEAM

Mobile spotlight

The BEAM LED spotlight convinces with its lightness, robustness and above all: much light!

- Powder-coated steel frame with plastic feet and plastic handle
- Wide light beam and anti-glare illumination thanks to opal cover
- Velcro tape for fixing the supply cable during transport
- Eyelet integrated in velcro tape for hanging
- Light emission 360° rotatable
- High degree of protection IP 65



Features



Velcro strap can be used for transport winding of the supply cable and alternatively for suspension

Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24



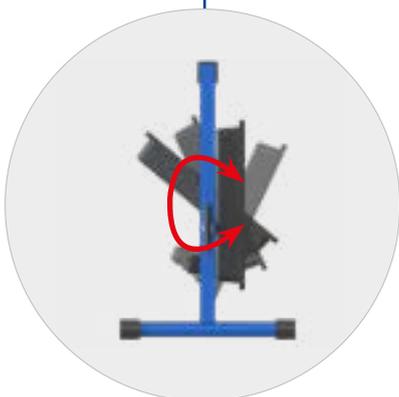
Light emission 360° rotatable



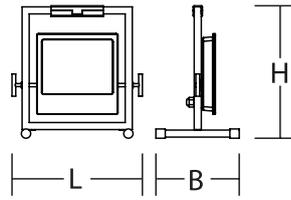
High degree of protection IP 65



Plastic feet for stable and damage-free positioning



Housing plastic (polycarbonate), cover plastic opal (polycarbonate), frame made of powder-coated steel profile, plastic stand feet and handle, velcro tape for cable rewind and with eyelet for hanging up the spotlight, 3 m power supply cable with mains plug.

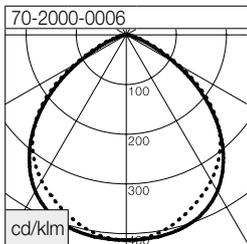


L 352, B 223, H 357 mm



230 V, 50/60 Hz	E+F	II	IP 65	1,7 kg
70-2000-0006				

Φ_v	4.500 lm effective
	5.000 K, $R_a \geq 80$ LED panel
P	47 W
Ω	3 m, H07RN-F black
T	IK06



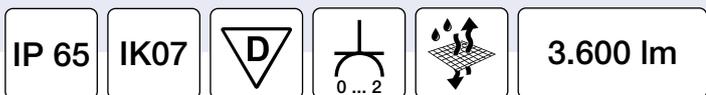
h (m)	Ø (m)	E (lx)
1	2.52	1.851
2	5.03	463
3	7.55	206
4	10.06	115
5	12.58	74



Overview of plug-in systems see page 159.







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
- Optional up to 2 socket outlets
- Can be used as stand-up or pendant luminaire
- High degree of protection up to IP 65
- Environmentally friendly and conserves resources thanks to replaceable components



SPARTACUS

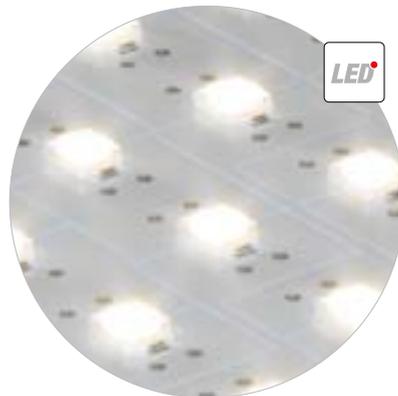
Features



Folding hook made of stainless steel with locking device



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



LED panel with high efficiency SMD-LEDs

High degree of protection IP 65



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





Pressure compensating valve against the formation of condensation water in the luminaire



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24

Environmentally friendly and conserves resources thanks to replaceable components

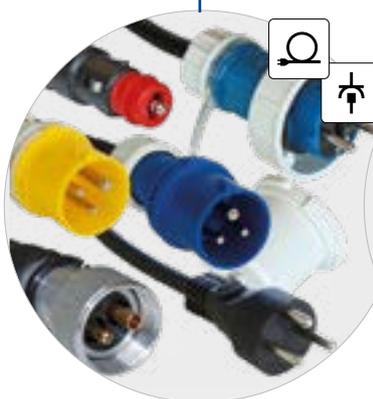


Without, with 1 or 2 Sockets available



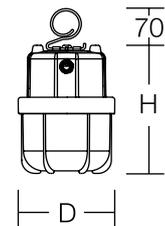
Different connector systems and longer power supply cable on request

Wide range of accessories





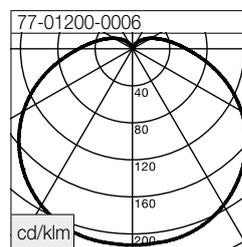
Housing plastic (polycarbonate, edge guard made of soft thermoplastic elastomer TPE), cover plastic opal (polycarbonate), retractable stainless steel mounting hook with safeguard, second cable entry optional (through-wiring option), 5 m power supply cable with mains plug.



D 185, H 230 mm

- 3.600 lm effective
- 4.200 lm
5.000 K, R_a ≥ 80
..... LED panel
- 28 W
- 5 m, H07RN-F
..... black
- IK07

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



	h (m)	Ø (m)	E (lx)
1	5.65	751	
2	11.30	188	
3	16.94	83	
4	22.59	47	
5	28.24	30	



Overview of plug-in systems see page 159.

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



 95-0205-0022

 0,46 kg



Tube lights





Tube lights

70



Tube lights
Emergency light

72



Tube lights
Basic

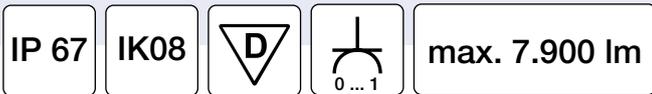
73



Tube lights
FARM

76





Tube lights

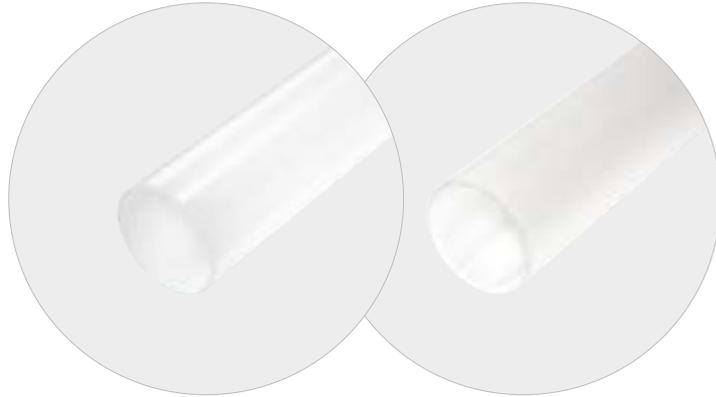


Our protective tube lights are notable for their latest LED technology with high luminous flux provided by a shock-resistant, low-glare opal tube. The tubes' new end caps allow for extremely easy maintenance. And, what's more, a wide range of accessories for mobile use or fixed installation is available.

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

Tube lights

Features



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



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

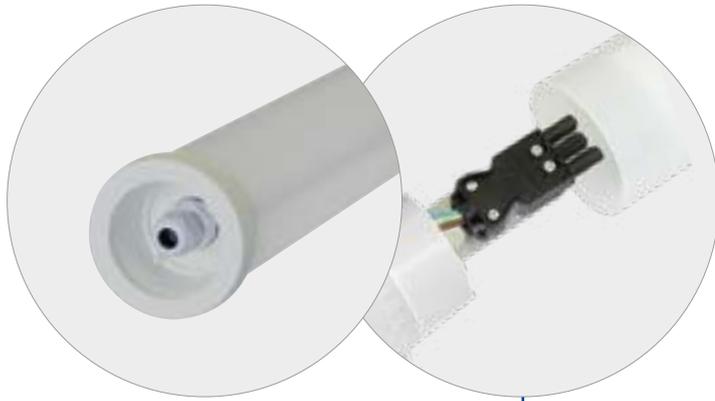


Environmentally friendly and conserves resources thanks to replaceable components



Virtually no heat emission
LED panels with 30 SMD LEDs each





For fixed installation, including connectors for easy installation and maintenance

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



DALI (FARM)



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24

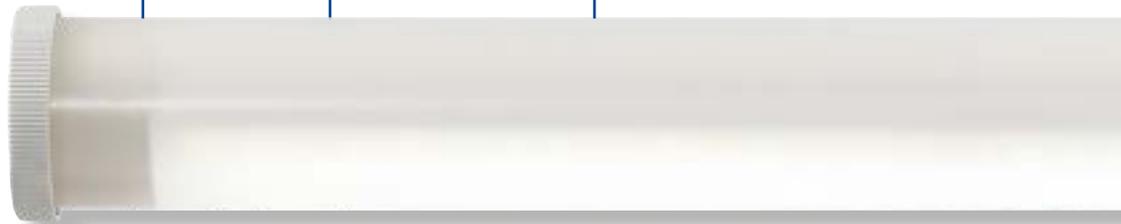


High degree of protection IP 67



Pressure compensating valve against the formation of condensation water in the luminaire

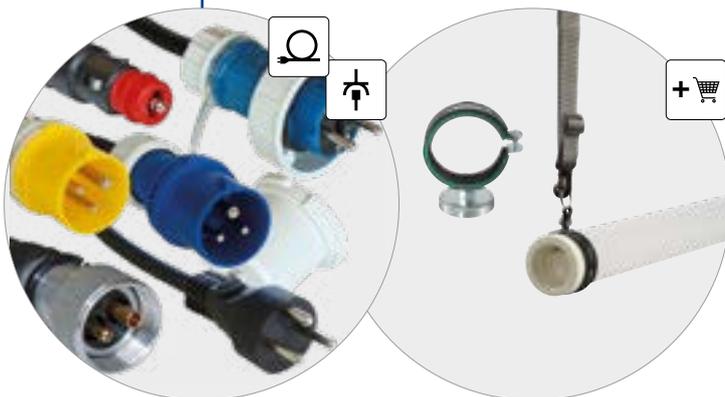
Resistant to ammonia and cleaning with a surface jet nozzle at a distance of only 10 cm (FARM)



Different connector systems and longer power supply cable on request

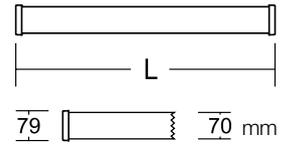
Wide range of accessories

Emergency light function





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



1.200 lm	12 W
2.600 lm	23 W
3.900 lm	33 W
5.300 lm	45 W
6.600 lm	55 W

5.000 K*, Ra ≥ 80
..... LED panel

..... IK08

*3.000 K / 4.000 K - on request

	P						
--	----------	--	--	--	--	--	--

230 V, 50-60 Hz

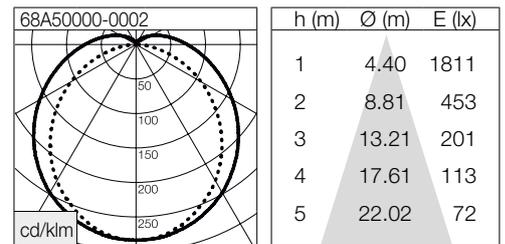
Model	Power (W)	LED panel	IK08	Grounding	IP Rating	Length (mm)	Weight (kg)
68A100Z0-0002	12 W	-	-	I	IP 67	405	0,8 kg
68A200Z0-0002	23 W	-	-	I	IP 67	685	1,4 kg
68A200Z1-0002	23 W	✓	-	I	IP 67	685	1,5 kg
68A300Z0-0002	33 W	-	-	I	IP 67	965	2,0 kg
68A300Z1-0002	33 W	✓	-	I	IP 67	965	2,1 kg
68A400Z0-0002	45 W	-	-	I	IP 67	1.245	2,3 kg
68A400Z1-0002	45 W	✓	-	I	IP 67	1.245	2,4 kg
68A500Z0-0002	55 W	-	-	I	IP 67	1.530	2,7 kg
68A500Z1-0002	55 W	✓	-	I	IP 67	1.530	2,8 kg

42 V, 50-60 Hz

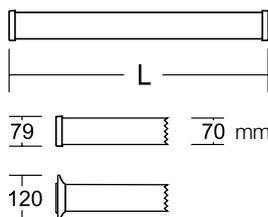
available on request

24 V, 50-60 Hz

available on request



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

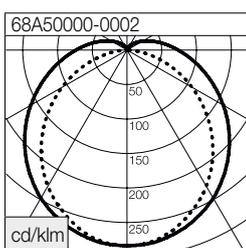


	P					L	
230 V, 50-60 Hz							
68A10000-0062	12 W	-	E+F	I	IP 67	405	1,8 kg
68A10100-0062	12 W	1	F	I	IP 54	470	1,9 kg
68A20000-0062	23 W	-	E+F	I	IP 67	685	2,4 kg
68A20100-0062	23 W	1	F	I	IP 54	750	2,5 kg
68A30000-0062	33 W	-	E+F	I	IP 67	965	3,0 kg
68A30100-0062	33 W	1	F	I	IP 54	1.030	3,1 kg
68A40000-0062	45 W	-	E+F	I	IP 67	1.245	3,3 kg
68A40100-0062	45 W	1	F	I	IP 54	1.310	3,4 kg
68A50000-0062	55 W	-	E+F	I	IP 67	1.530	3,7 kg
68A50100-0062	55 W	1	F	I	IP 54	1.595	3,8 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		
42 V, 50-60 Hz							
68Ax6060-0062*		-	CEE 42	III	IP 67		
68Ax6160-0062*		1	CEE 42	III	IP 44		
available on request							
24 V, 50-60 Hz							
68Ax5050-0062*		-	CEE 24	III	IP 67		
68Ax5150-0062*		1	CEE 24	III	IP 44		
available on request							

12 W	1.200 lm
23 W	2.600 lm
33 W	3.900 lm
45 W	5.300 lm
55 W	6.600 lm

- 5.000 K*, Ra ≥ 80
..... LED panel
 - 5 m, H07RN-F
..... black
 - IK08
- *3.000 K / 4.000 K - on request

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



h (m)	Ø (m)	E (lx)
1	4.40	1811
2	8.81	453
3	13.21	201
4	17.61	113
5	22.02	72



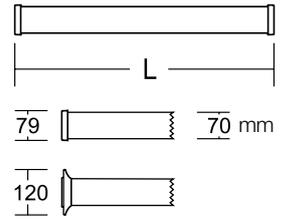
Overview of plug-in systems see page 159.

Tube lights Emergency light

NEW



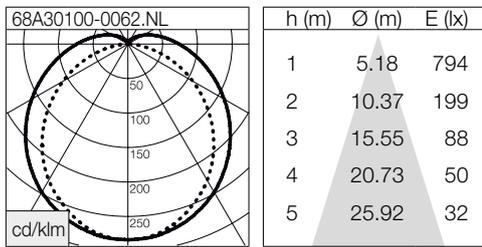
Protection tube made of impact-resistant opal plastic (polycarbonate), plastic end caps (grey/ polyamide), control gear and battery integrated, 2 protectors (blue), 5 m supply cable with mains plug, emergency light function with reduced luminaire luminous flux for max. 120 min. with full battery, emergency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



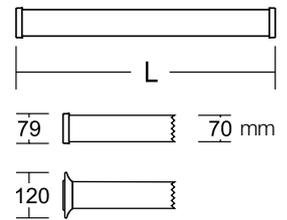
- 5.000 K*, $R_a \geq 80$
..... LED panel
- 5 m, H07RN-F
..... black
- NiMH 2,2 Ah 6 V
- ≤ 800 lm, ≤ 120 min
- 24 h
- IK08

*3.000 K / 4.000 K - on request

	Φ_v	P						
230 V, 50-60 Hz								
68A30100-0062.NL	3.000 lm	24 W	1	F	✓	I	IP 54	1.030 3,5 kg

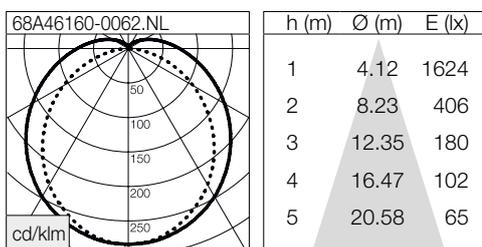


Protection tube made of impact-resistant opal plastic (polycarbonate), plastic end caps (grey/ polyamide), control gear and battery integrated, 2 protectors (blue), 5 m supply cable with mains plug, emergency light function with reduced luminaire luminous flux for 60 min, emergency function for transport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



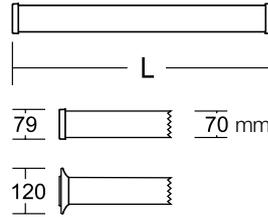
- 5.000 K*, $R_a \geq 80$
..... LED panel
- 5 m, H07RN-F
..... black
- NiMH 2,2 Ah 6 V
- ≤ 430 lm, 3 x 60 min
- 24 h
- IK08

	Φ_v	P						
42 V, 50-60 Hz								
68A36160-0062.NL	4.300 lm	39 W	1	CEE 42	✓	III	IP 44	1.080 3,0 kg
68A46160-0062.NL	5.600 lm	51 W	1	CEE 42	✓	III	IP 44	1.363 3,4 kg



Overview of plug-in systems see page 159.

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



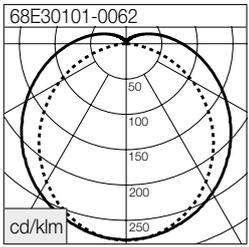
Shopping Cart	P	Light Fixture	Plug	Grounding	Waterproof	Length	Weight
230 V, 50-60 Hz							
68E10100-0062	30 W	1	F	I	IP 54	788	2,1 kg
68E10101-0062	30 W	1	F ⁶⁸	I	IP 67	789	2,3 kg
68E101B0-0062	30 W	1	E	I	IP 54	773	2,1 kg
68E20100-0062	37 W	1	F	I	IP 54	1.346	3,0 kg
68E20101-0062	37 W	1	F ⁶⁸	I	IP 67	1.347	3,1 kg
68E201B0-0062	37 W	1	E	I	IP 54	1.331	3,0 kg
68E30100-0062	56 W	1	F	I	IP 54	1.628	3,3 kg
68E30101-0062	56 W	1	F ⁶⁸	I	IP 67	1.629	3,5 kg
68E301B0-0062	56 W	1	E	I	IP 54	1.613	3,3 kg

30 W	3.450 lm
37 W	5.200 lm
56 W	7.900 lm

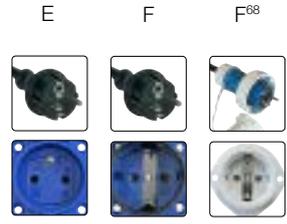
4.000 K, R_a ≥ 80
..... LED panel

5 m, H07RN-F
..... black

..... IK08



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



Overview of plug-in systems see page 159.



Accessories

Mounting bracket (plastic)

Mounting bracket (plastic) for wall or ceiling mounting;
Set (2 pieces)



68Z00001

Mounting bracket

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



1 68Z00002

2 68Z00003

3 68Z00007 Magnet rubberised

Mounting bracket (metal)

Mounting bracket (metal) with hanger
assembly of stainless steel



1 68Z00004 Set (2 pieces)

2 + .M Mounted on the luminaire*

*Example: 68A20000-0002 + „.M“= 68A20000-0002.M

Plastic retaining clip with key ring

Luminaire rotatable
Set (2 pieces)



68Z00016

Mounting bracket (metal)

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

1	 68Z00006	Set (2 pieces)
2	 + .E	Mounted on the luminaire**

*Other lengths - on request

**Example: 68A20000-0002 + „.E“= 68A20000-0002.E



Mounting bracket (plastic)

Mounting bracket (plastic) with expander suspension (L 600 mm*), luminaire rotatable Set (2 pieces)

	68Z00017
--	----------

*Other lengths - on request



Mounting bracket (metal)

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

1	 68Z00005	Set (2 pieces)
2	 + .G	Mounted on the luminaire**

*Other lengths - on request

**Example: 68A20000-0002 + „.G“= 68A20000-0002.G



Mounting bracket (plastic)

Mounting bracket (plastic) with belt suspension (L 330 - 550 mm*), luminaire rotatable Set (2 pieces)

	68Z00008
---	----------

*Other lengths - on request





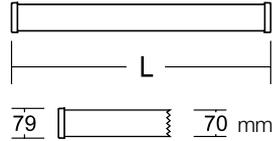
Tube lights FARM



Our LED protective tube light series FARM was specially developed for the high environmental requirements in livestock stables. It is resistant to ammonia and cleaning with a surface jet nozzle at a distance of only 10 cm.

- Glare-reducing and opal protection tube
- Delivery incl. 3 m power supply cable ready assembled
- 2 stainless steel mounting brackets (internal thread M8/M10) incl. stainless steel hanger bolts included in scope of delivery
- Optionally available with borosilicate glass tube (on request)
- Dimmable version available (DALI)
- Tested for ammonia resistance and cleaning distance
- Environmentally friendly and conserves resources thanks to replaceable components

Protective tube plastic opal (PMMA), integrated electronic driver, 3 m power supply cable, 2 stainless steel mounting brackets (M8/M10) incl. stainless steel hanger bolts.



P

230 V, 50-60 Hz

68P200E0-0002.4K	23 W	-	-	-	I	IP 67	685	1,4 kg
68P300E0-0002.4K	33 W	-	-	-	I	IP 67	965	2,0 kg
68P400E0-0002.4K	45 W	-	-	-	I	IP 67	1.245	2,3 kg
68P500E0-0002.4K	55 W	-	-	-	I	IP 67	1.530	2,7 kg

230 V, 50-60 Hz, DALI

68P200ED-0002.4K	23 W	-	-	✓	I	IP 67	685	1,4 kg
68P300ED-0002.4K	33 W	-	-	✓	I	IP 67	965	2,0 kg
68P400ED-0002.4K	45 W	-	-	✓	I	IP 67	1.245	2,3 kg
68P500ED-0002.4K	55 W	-	-	✓	I	IP 67	1.530	2,7 kg

23 W	2.900 lm
33 W	4.400 lm
45 W	5.900 lm
55 W	7.400 lm



4.000 K*, Ra ≥ 80
..... LED panel

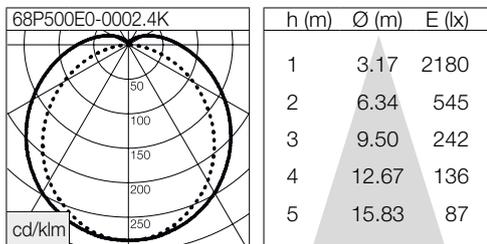


3 m, NYY-J 3G1.5 / 5G1.5
..... black



..... IK08

*3.000 K / 5.000 K - on request



Large area lighting

Tube lights





POWERTUBE II

81



POWERDISK

93



POWERCASE L

105



THORIX II

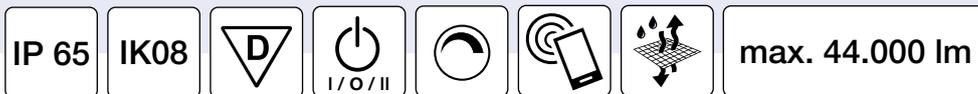
117



THORIX II Flex

125





POWERTUBE II

Mobile large area light



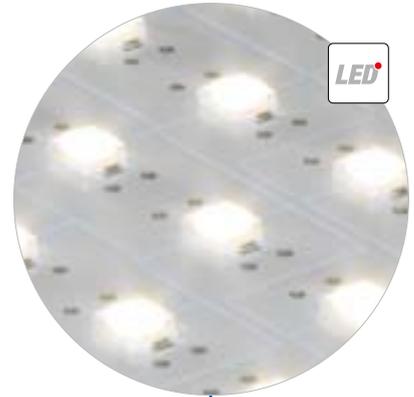
The new POWERTUBE II is twice as powerful thanks to improved thermal management and the latest LED generation. Whenever quickly available, uniform and powerful light is required for construction sites, events or sporting events, there is no way around it.

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

POWERTUBE II

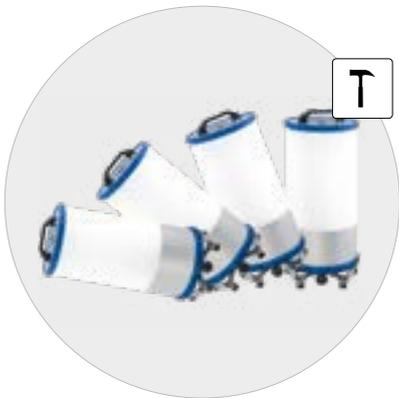
Features

Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24



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 of soft thermoplastic elastomer (TPE)



High degree of protection IP 65



Environmentally friendly and onserves resources thanks to replaceable components

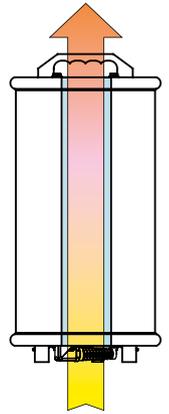


Integrated handle



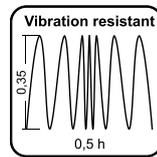
How passive cooling works

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



DUSTPROOF

as per
DIN EN 60598-1
DIN EN 60529



VIBRATION RESISTANT

as per
DIN EN 60598-1

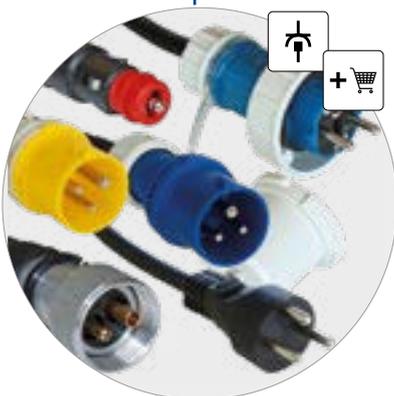


Versions with Casambi Bluetooth® control for wireless networking or with dimmer available

Changeover switch (OFF, 100%, 50%)

Alternative plug systems and power cable lengths on request

Wide range of accessories



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

Pressure compensating valve against the formation of condensation water in the luminaire

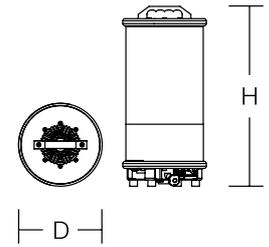
Safe, stable stand due to rubber feet





POWERTUBE II S

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



D 270, H 590 mm

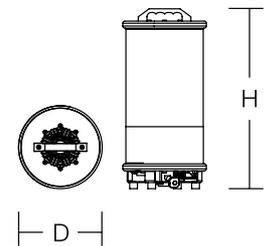
	9.950 lm 9.900 lm effective
	5.000 K, $R_a \geq 80$ 8 x LED panel
	5 m, H07RN-F black
	IK08

	Φ_v	P							
230 V, 50-60 Hz									
73P01000-0006.E	9.950 lm	93 W	E+F	-	✓	II	IP 65	9,4 kg	
73P01001-0006.E	9.950 lm	93 W	E+F ⁶⁸	-	✓	II	IP 65	9,7 kg	
73P010CH-0006.E	9.950 lm	93 W	C	-	✓	II	IP 65	9,4 kg	
42 V, 50-60 Hz									
73P61060-0006.E	9.900 lm	100 W	CEE 42	-	✓	III	IP 65	9,4 kg	
24 V, 50-60 Hz									
73P51050-0006.E	9.900 lm	100 W	CEE 24	-	✓	III	IP 65	9,4 kg	



POWERTUBE II M

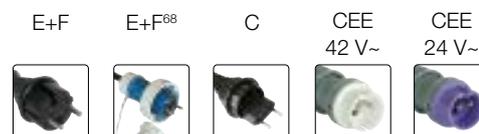
Protective tube plastic (polycarbonate, satin), edge protection (silicone rubber, blue), housing cover and base aluminium, 5 m power supply cable H07RN-F with mains plug, incl. carrier bag. Dimmable version: with push-button (I / O and dimmable 1 - 100%), 7.5 m supply cable H07BQ-F yellow, incl. mains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



D 270, H 590 mm

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

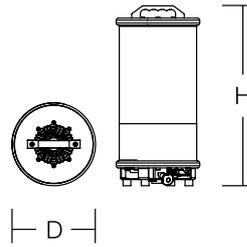
	Φ_v	P							
230 V, 50-60 Hz									
73P01000-0006	21.200 lm	200 W	E+F	-	✓	II	IP 65	9,7 kg	
73P01001-0006	21.200 lm	200 W	E+F ⁶⁸	-	✓	II	IP 65	10,0 kg	
73P010CH-0006	21.200 lm	200 W	C	-	✓	II	IP 65	9,7 kg	
230 V, 0 / 50 / 60 Hz									
73P01000-0006.P	21.200 lm	200 W	E+F	1 ... 100 %	-	II	IP 65	10,2 kg	
73P01001-0006.P	21.200 lm	200 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	10,4 kg	



Overview of plug-in systems see page 159.

POWERTUBE II L

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

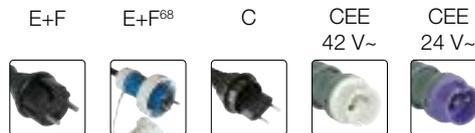
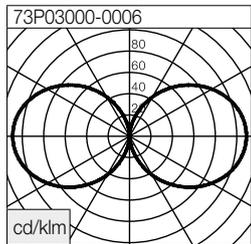


D 270, H 850 mm



	Φ_v	P						
230 V, 50-60 Hz								
73P03000-0006	44.000 lm	400 W	E+F	-	✓	II	IP 65	13,4 kg
73P03001-0006	44.000 lm	400 W	E+F ⁶⁸	-	✓	II	IP 65	13,7 kg
73P030CH-0006	44.000 lm	400 W	C	-	✓	II	IP 65	13,4 kg
230 V, 0 / 50 / 60 Hz								
73P03000-0006.P	44.000 lm	400 W	E+F	1 ... 100%	-	II	IP 65	14,0 kg
73P03001-0006.P	44.000 lm	400 W	E+F ⁶⁸	1 ... 100%	-	II	IP 65	14,1 kg
42 V, 50-60 Hz								
73P63060-0006.E	20.700 lm	200 W	CEE 42	-	✓	III	IP 65	13,99 kg
24 V, 50-60 Hz								
73P53050-0006.E	20.300 lm	200 W	CEE 24	-	✓	III	IP 65	13,99 kg

- Φ_v 44.000 lm | 20.700 lm | 20.300 lm
..... effective
- 5.000 K, R_a ≥ 80
..... 16 x LED panel
- 5 m, H07RN-F, black/
... 7,5 m, H07BQ-F, yellow (.P)
- IK08



Overview of plug-in systems see page 159.



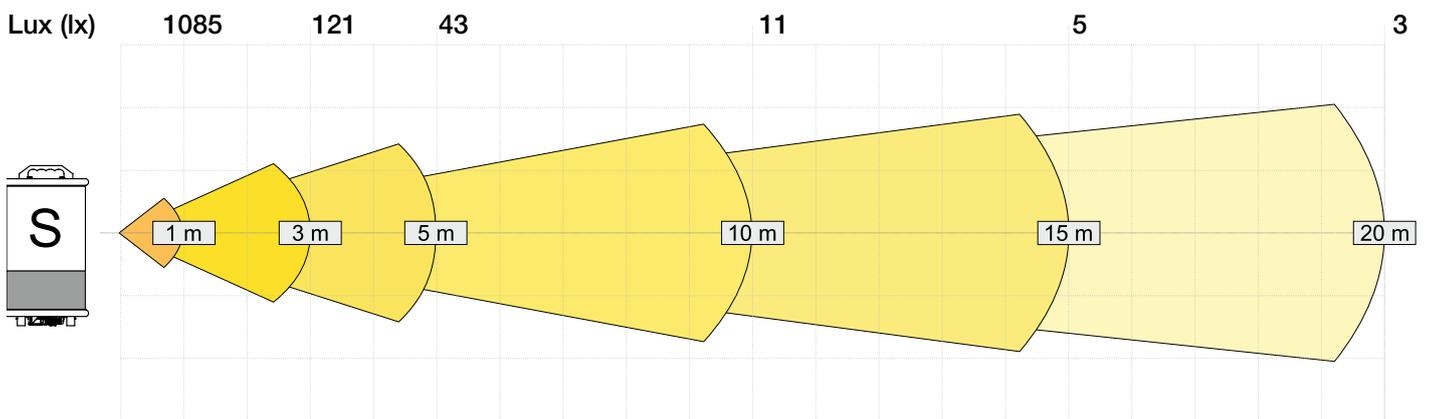
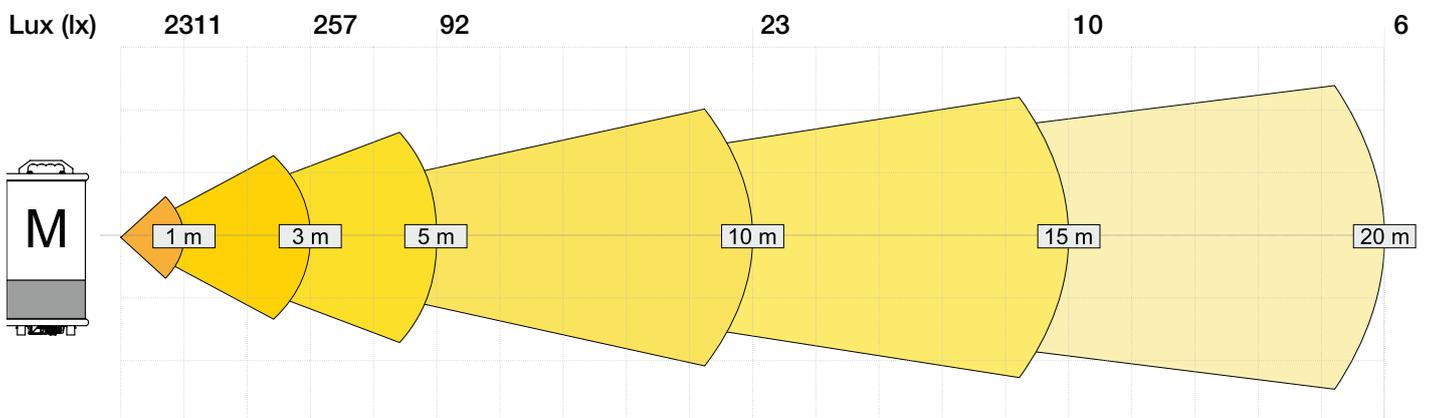
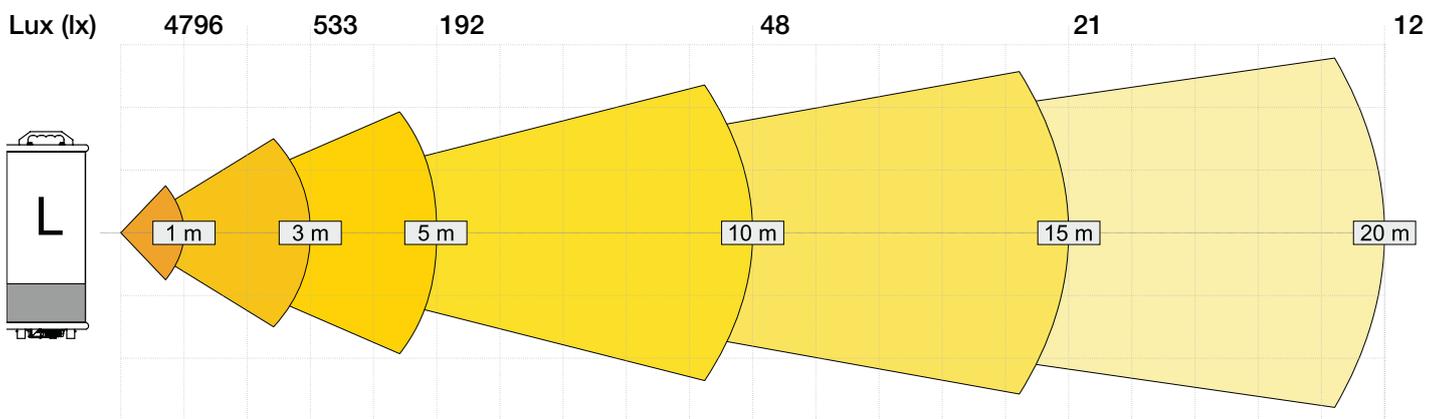
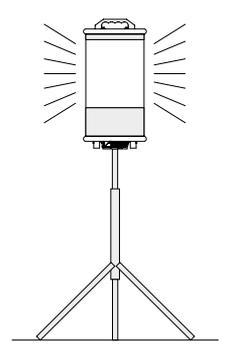
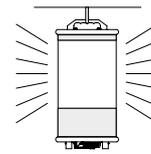
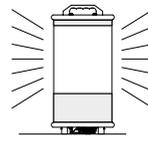
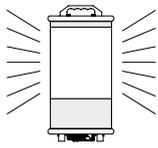
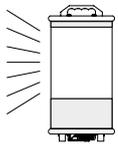
Dimmer 1 ... 100%



Switch 0 | 50 | 100%

Switch
50 % | 100 %

Installation
options



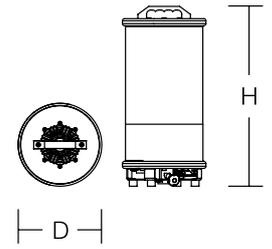


POWERTUBE II SC



POWERTUBE II M SC

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



D 270, H 590 mm

Φ_v 21.200 lm effective

 5.000 K, $R_a \geq 80$ LED panel

 5 m, H07BQ-F yellow

 IK08



230 V, 50 - 60 Hz

73P01000-0006.PB	21.200 lm	200 W	E+F	1 ... 100 %	-	II	IP 65	9,6 kg
73P01001-0006.PB	21.200 lm	200 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	9,8 kg

E+F E+F⁶⁸

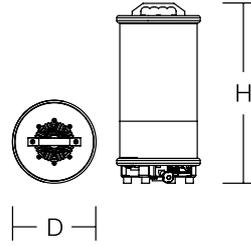


Overview of plug-in systems see page 159.



POWERTUBE II L SC

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

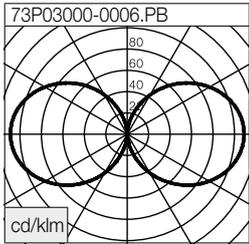


D 270, H 850 mm



	Φ_v	P						
230 V, 50 - 60 Hz								
73P03000-0006.PB	44.000 lm	400 W	E+F	1 ... 100 %	-	II	IP 65	13,4 kg
73P03001-0006.PB	44.000 lm	400 W	E+F ⁶⁸	1 ... 100 %	-	II	IP 65	13,5 kg

Φ_v	44.000 lm effective
	5.000 K, Ra ≥ 80 LED panel
	5 m, H07BQ-F yellow
	IK08



Overview of plug-in systems see page 159.

Smart Control

Smart Control stands for the intelligent remote control of our luminaires via mobile app from a mobile phone or tablet. It doesn't matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires - even existing ones - can be controlled together with an integrated „Casambi“ module. Thus also our POWERTUBE II, POWERDISK and POWERCASE L. The luminaires are networked via Bluetooth from the mobile device to the luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

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



For installation and operation, see page 112.

Specifications subject to alteration.

Accessories



Crank tripod "Premium"

Steel, chrome plated, suitable for 16 & 28 mm spigots, safety bolt, self braking clutch/winch, fold-away crank, one adjustable stand to compensate uneven terrain

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

Packed dimensions:
L 1.850, B 230, H 160 mm

95-0060-0014.D H max 3800, H min 1740, D 1300 mm 22,5 kg



Crank tripod „LightmaXX“

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

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

incl. clamping kit for tripod

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

95-0294-0014 H max 4130, H min 1750, D 1730 mm 25,0 kg



Hinged feet with rubber pad

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



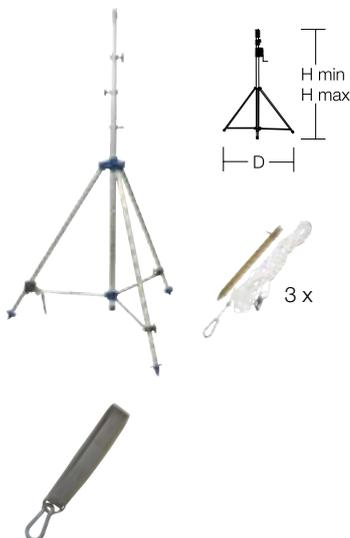
95-0266-0001 0,43 kg



Bracing set

3 x rope cord and peg

95-0267-0001 1,1 kg



Tripod "Professional"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, with standard spigot 30 mm (DIN 14640), including bracing set (3 x rope cord and peg)

Packed dimensions:
L 1.120, B 200, H 200 mm

95-0257-0014 H max 4450, H min 1100, D 1600 mm 13,3 kg

Belt strap incl. snap hook

For suspended mounting of
POWERTUBE II



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





FEUERWEHR
112





POWERDISK

Mobile large area light

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

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



POWERDISK

Features



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24

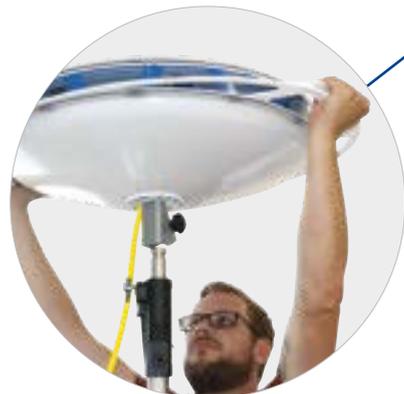


High degree of protection IP 65



Impact-resistant and break-proof housing

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

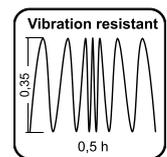


Quick one-person installation



DUSTPROOF

 as per
DIN EN 60598-1
DIN EN 60529

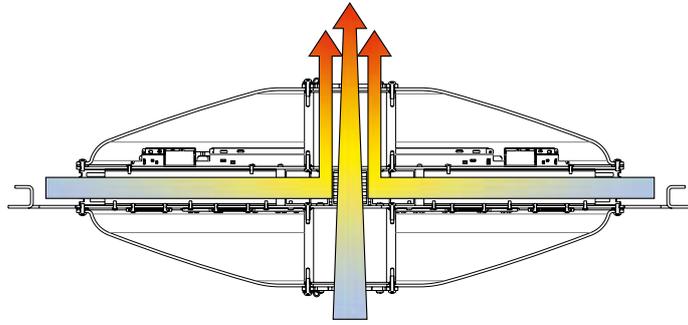


VIBRATION STABILITY

 as per
DIN EN 60598-1

How passive cooling works

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



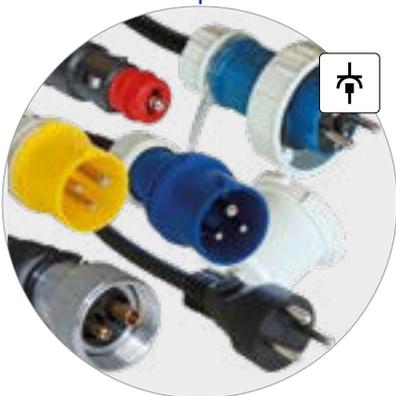
Environmentally friendly and conserves resources thanks to replaceable components

Versions with Casambi Bluetooth® control for wireless networking available

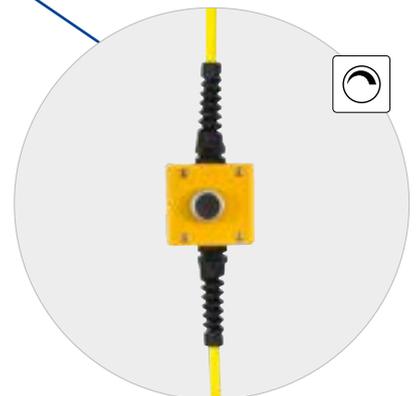


Integrated handle

Different connector systems and longer power supply cable on request

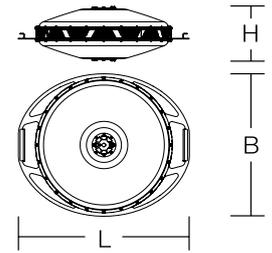


Dimmable version with push button switchable (I / O, 1 ... 100%)





Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot 30 mm (DIN 14640).



L 750, B 630, H 250 mm

Φ_v 52.000 lm
..... effective

..... 5.000 K*, $R_a \geq 85$
..... 24 x COB-LED

..... 10 m, H07BQ-F
..... yellow

..... IK10

*3.000 K / 4.000 K - on request



230 V, 50-60 Hz

80P01000-0006	421 W	E+F	1 ... 100 %	I	IP 65	15,7 kg
80P02000-0006	421 W	E+F	-	I	IP 65	14,8 kg
80P01001-0006	421 W	E+F ⁶⁸	1 ... 100 %	I	IP 65	15,7 kg
80P02001-0006	421 W	E+F ⁶⁸	-	I	IP 65	14,8 kg
80P01006-0006	421 W	CEE 6h	1 ... 100 %	I	IP 65	15,7 kg
80P02006-0006	421 W	CEE 6h	-	I	IP 65	14,8 kg
80P010CH-0006	421 W	J	1 ... 100 %	I	IP 65	15,7 kg
80P020CH-0006	421 W	J	-	I	IP 65	14,8 kg

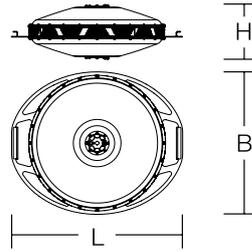


Overview of plug-in systems see page 159.

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



Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot 30 mm DIN 14640).



L 750, B 630, H 250 mm



230 V, 50-60 Hz

80P01000-0006.B	421 W	E+F	1 ... 100 %	I	IP 65	15,6 kg
80P01001-0006.B	421 W	E+F ⁶⁸	1 ... 100 %	I	IP 65	15,6 kg
80P01006-0006.B	421 W	CEE 6h	1 ... 100 %	I	IP 65	15,6 kg
80P010CH-0006.B	421 W	J	1 ... 100 %	I	IP 65	15,6 kg

Φ_v 52.000 lm effective

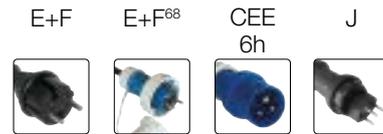
..... 5.000 K*, Ra ≥ 85
..... 24 x COB-LED

..... 10 m, H07BQ-F
..... yellow

..... IK10

*3.000 K / 4.000 K - on request

80P01000-0006.B	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



Overview of plug-in systems see page 159.

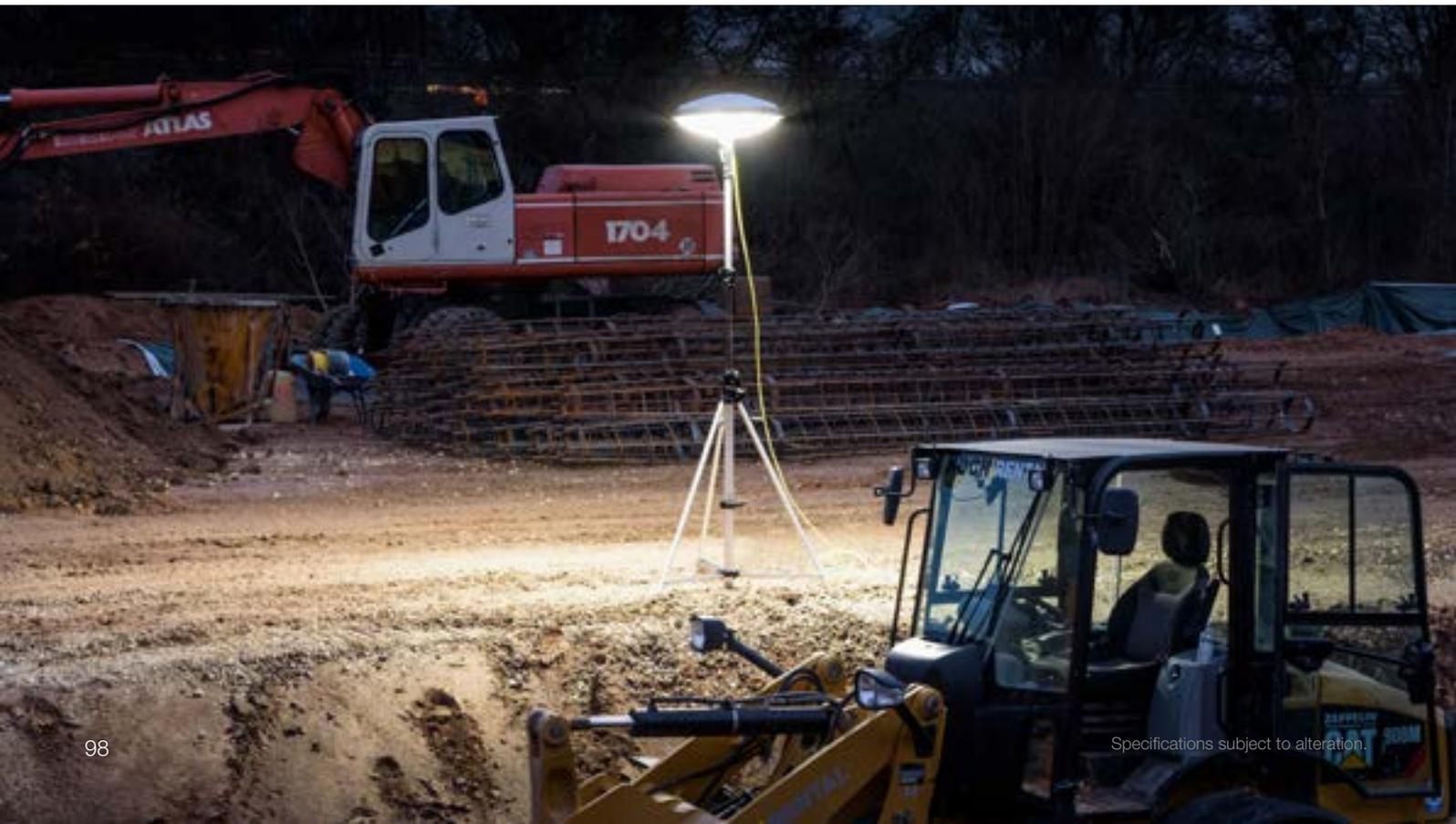
Smart Control

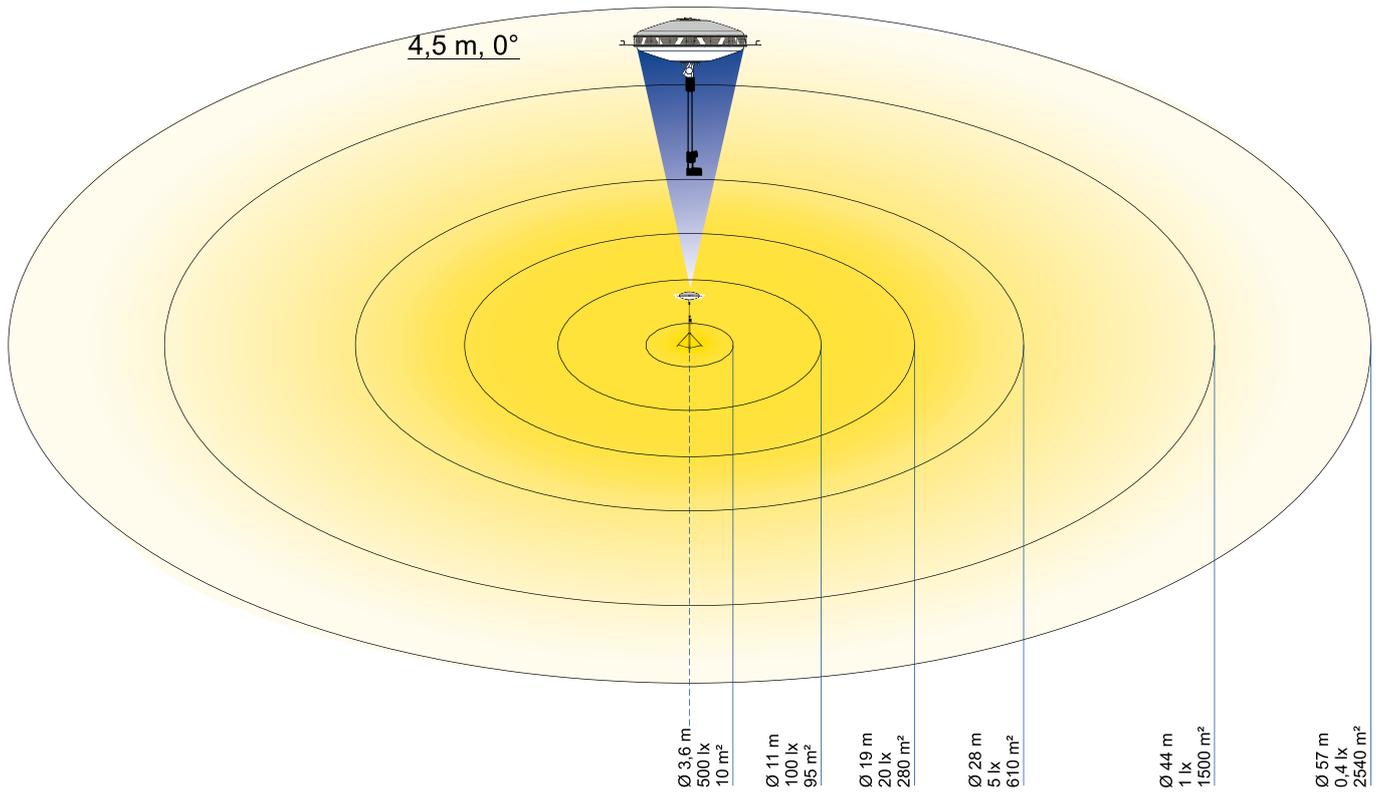
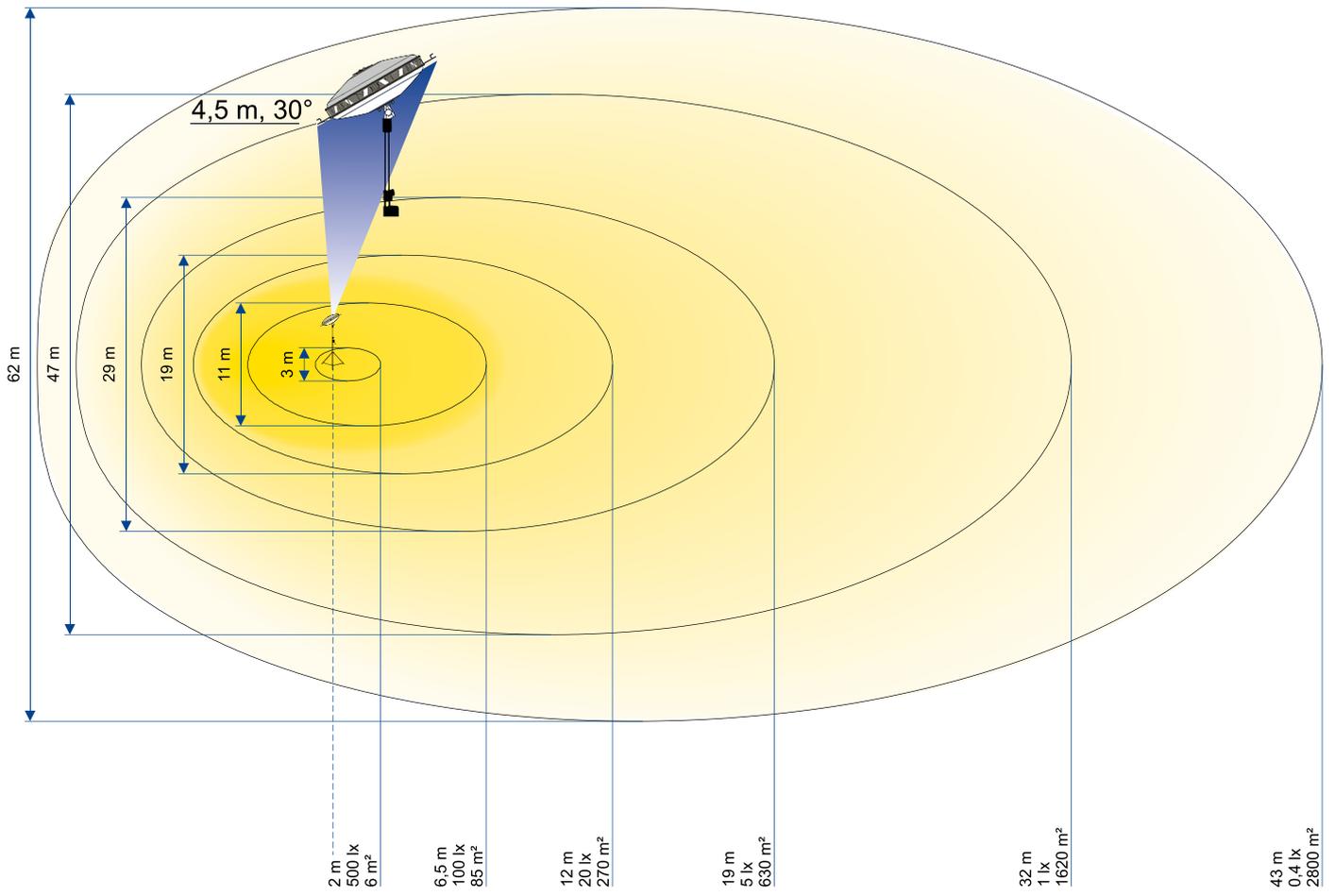
Smart Control stands for the intelligent remote control of our luminaires via mobile app from a mobile phone or tablet. It doesn't matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires - even existing ones - can be controlled together with an integrated „Casambi“ module. Thus also our POWERTUBE II, POWERDISK and POWERCASE L. The luminaires are networked via Bluetooth from the mobile device to the luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

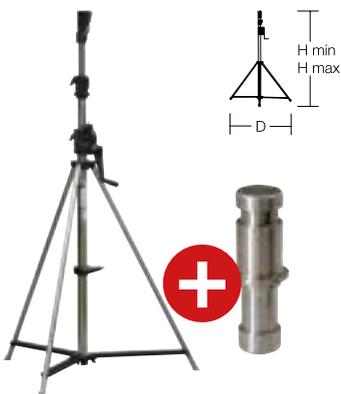
- ON/OFF
- Dimming
- Timer
- Scenes
- Animations



For installation and operation, see page 112.







Crank tripod "Premium"

Steel, chrome plated, suitable for 16 & 28 mm spigots, safety bolt, self braking clutch/winch, fold-away crank, one adjustable stand to compensate uneven terrain

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

Packed dimensions:
L 1.850, B 230, H 160 mm

 95-0060-0014.D  H max 3800, H min 1740, D 1300 mm  22,5 kg



Crank tripod „LightmaXX“

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

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

incl. clamping kit for tripod

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

 95-0294-0014  H max 4130, H min 1750, D 1730 mm  25,0 kg



Hinged feet with rubber pad

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



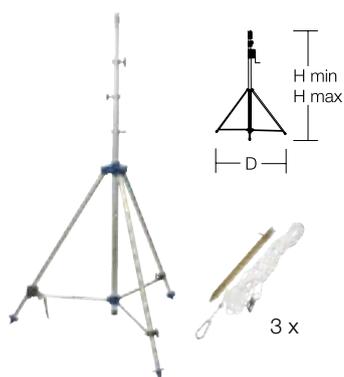
 95-0266-0001  0,43 kg



Bracing set

3 x rope cord and peg

 95-0267-0001  1,1 kg



Tripod "Professional"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, with standard spigot 30 mm (DIN 14640), including bracing set (3 x rope cord and peg)

Packed dimensions:
L 1.120, B 200, H 200 mm

 95-0257-0014  H max 4450, H min 1100, D 1600 mm  13,3 kg

Carrier box for Tripod "Premium"

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



 95-0265-0040	 L 1990, B 325, H 225 mm	 21,2 kg
---	---	---

Carrier box for Tripod "Professionell"

Wood, 3 carrier handles



 95-0258-0040	 L 1210, B 265, H 225 mm	 11,9 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
---	---	--

Set Tripod "Professionell"

The set includes:
Tripod "Professionell",
carrier box

 95-0257-0014S1	 L 1210, B 265, H 225 mm	 25,1 kg
---	---	---



Set Crank tripod "Premium"

The set includes:
Crank tripod "Premium", tripod adapter,
bracing set, carrier box

 95-0060-0014S1	 L 1990, B 325, H 225 mm	 44,0 kg
---	---	---



Accessories



**Tripod adapter
28 mm/30 mm (DIN 14640)**

Stainless steel, for connection to existing stands with 28 mm

 95-0254-0014	 L 108, D 38 mm	 0,5 kg
--	--	--



Adapter for suspended mounting

Ø 17 mm

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



**Carrier bag
for "POWERDISK"**

Handles, shoulder belt and transport rollers

 95-0259-0001	 L 850, B 240, H 680 mm	 6,6 kg
--	--	--



**Carrier box
for "POWERDISK"**

Wood, 2 carrier handles

 95-0256-0040	 L 740, B 290, H 805 mm	 17 kg
--	--	---

**Set
„POWERDISK“**

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

	P				
230 V, 50-60 Hz					
80P01000-0006S2	421 W	E+F	✓		IP 65
80P02000-0006S2	421 W	E+F	-		IP 65
80P01001-0006S2	421 W	E+F ⁶⁸	✓		IP 65
80P02001-0006S2	421 W	E+F ⁶⁸	-		IP 65
80P01006-0006S2	421 W	CEE 6h	✓		IP 65
80P02006-0006S2	421 W	CEE 6h	-		IP 65
80P010CH-0006S2	421 W	J	✓		IP 65
80P020CH-0006S2	421 W	J	-		IP 65



**Set
„POWERDISK“**

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

	P				
230 V, 50-60 Hz					
80P01000-0006S1	421 W	E+F	✓		IP 65
80P02000-0006S1	421 W	E+F	-		IP 65
80P01001-0006S1	421 W	E+F ⁶⁸	✓		IP 65
80P02001-0006S1	421 W	E+F ⁶⁸	-		IP 65
80P01006-0006S1	421 W	CEE 6h	✓		IP 65
80P02006-0006S1	421 W	CEE 6h	-		IP 65
80P010CH-0006S1	421 W	J	✓		IP 65
80P020CH-0006S1	421 W	J	-		IP 65







POWERCASE L

Mobile large area light



POWERCASE L, the upgraded large-area luminaire in a unique suitcase design, now provides even more light with the same multifunctionality. During rescue and emergency operations or when securing the scene of a crime, on construction and civil engineering sites or at public events: proper lighting is a must, an absolute requirement and a success factor. POWERCASE L delivers this light in impeccable daylight quality with a spectacular luminous flux of 102,200 lumens.

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

POWERCASE L

Features



Unique case design and immediate ready-to-use



High degree of protection IP 65



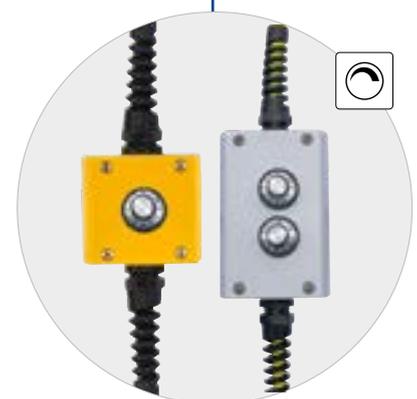
Impact-resistant and break-proof housing



Dimmable versions available

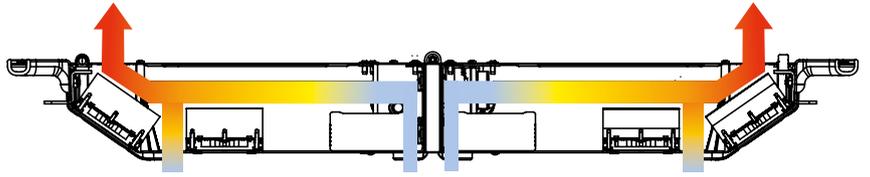


Low heat generation, no cooling phase so immediately portable



How passive cooling works

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

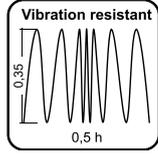


Environmentally friendly and conserves resources thanks to replaceable components



DUSTPROOF

 as per
DIN EN 60598-1
DIN EN 60529



VIBRATION STABILITY

 as per
DIN EN 60598-1



Versions with Casambi Bluetooth® control for wireless networking available

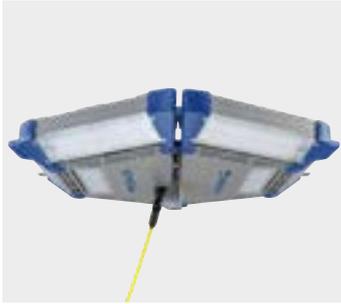


Integrated carry handle

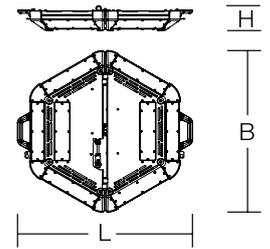
Power cable can be removed/swapped
Alternative plug systems and power cable lengths on request



Protective cover for safe transportation



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



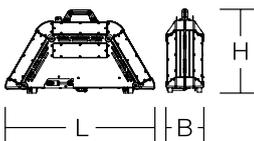
L 949, B 884, H 137 mm

Φ_v 102.200 lm effective

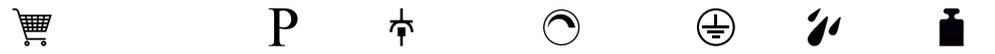
..... 5.000 K, $R_a \geq 80$
8 x LED panel

..... 10 m, H07BQ-F
yellow

..... IK08



L 884, B 225, H 495 mm



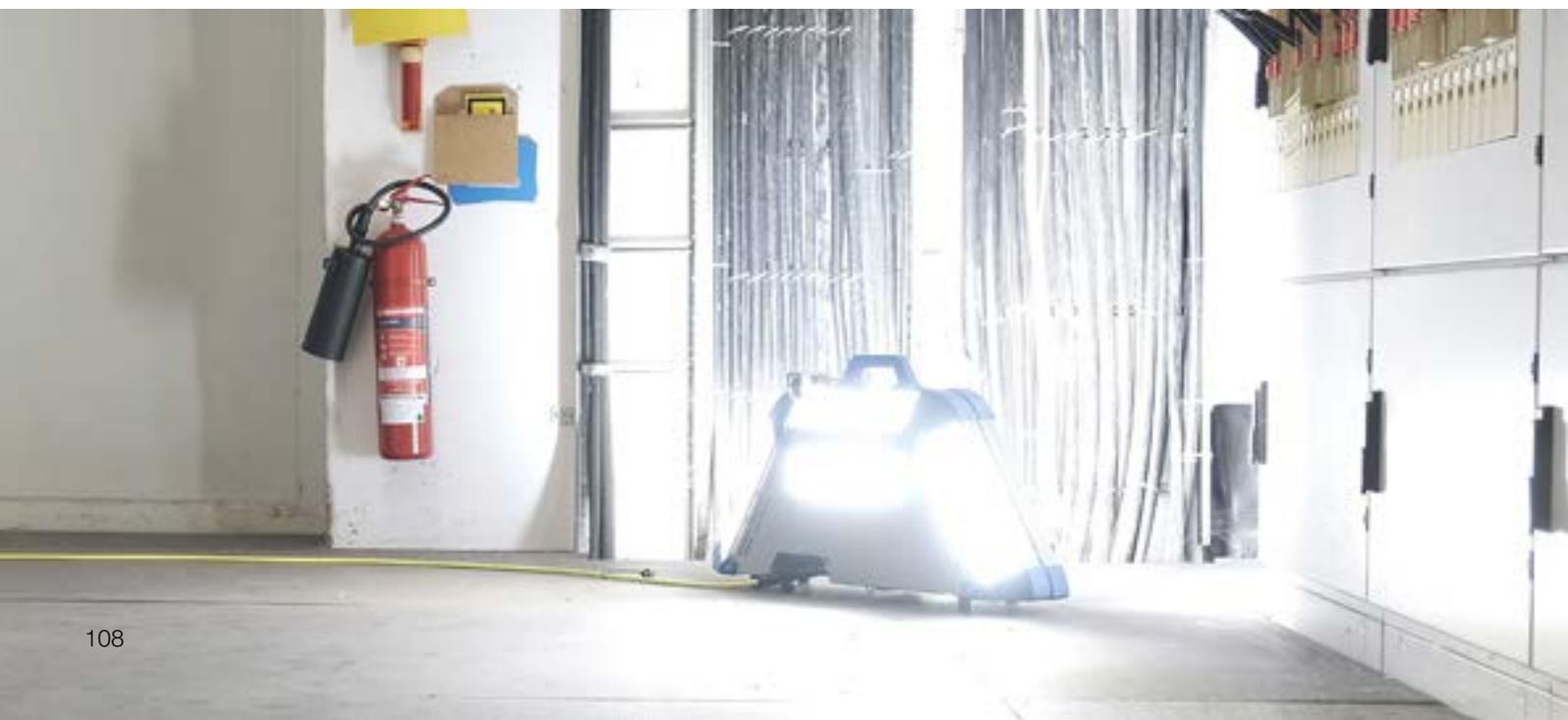
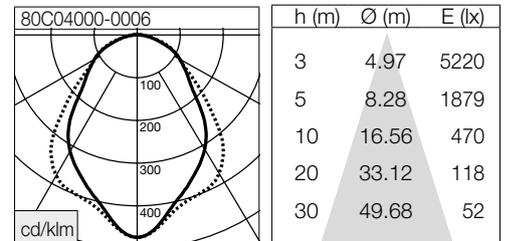
230 V, 50-60 Hz

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

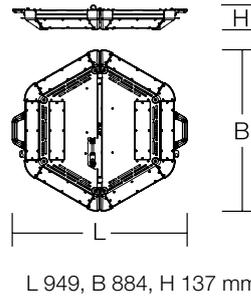
*separately dimmable



Overview of plug-in systems see page 159.



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.

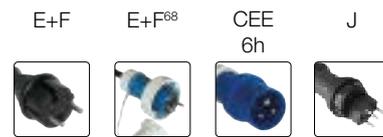


	P					
230 V, 50-60 Hz						
80C04000-0006.B	775 W	E+F	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C04001-0006.B	775 W	E+F ⁶⁸	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C04006-0006.B	775 W	CEE 6h	2 x (0 ... 100 %)*	I	IP 65	20,4 kg
80C040CH-0006.B	775 W	J	2 x (0 ... 100 %)*	I	IP 65	20,4 kg

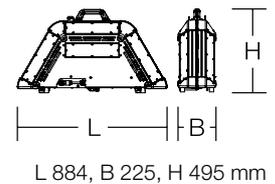
*separately dimmable

	102.200 lm effective
	5.000 K, Ra ≥ 80 8 x LED panel
	10 m, H07BQ-F yellow
	IK08

80C04000-0006.B	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



Overview of plug-in systems see page 159.



Smart Control

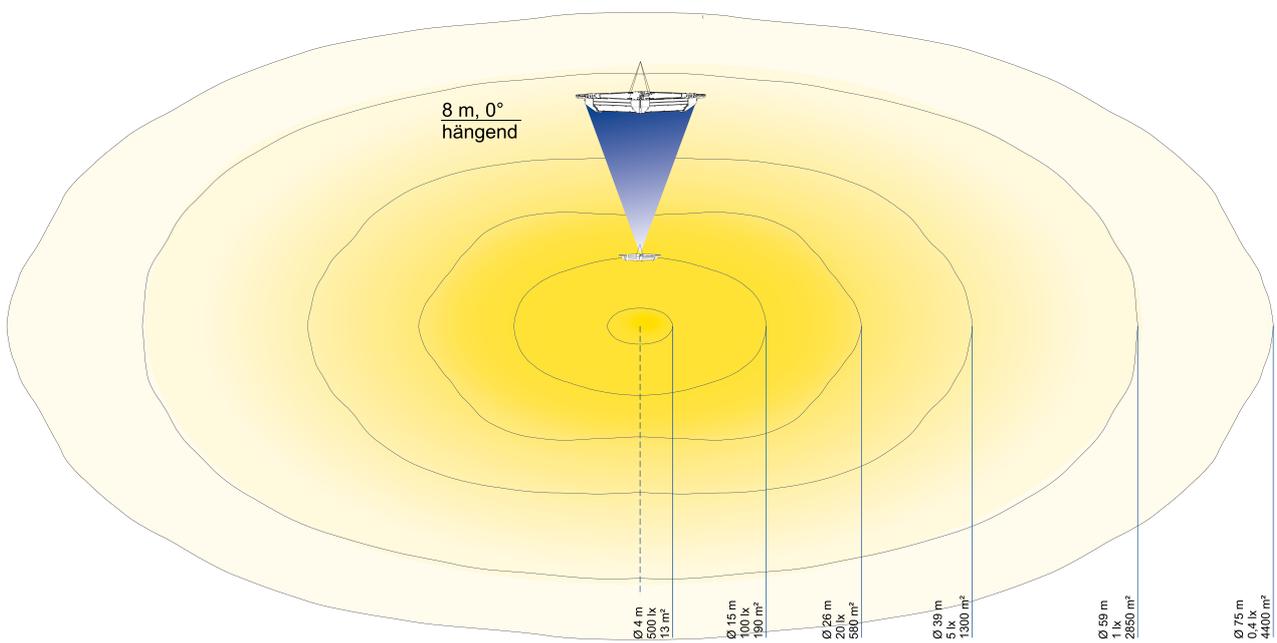
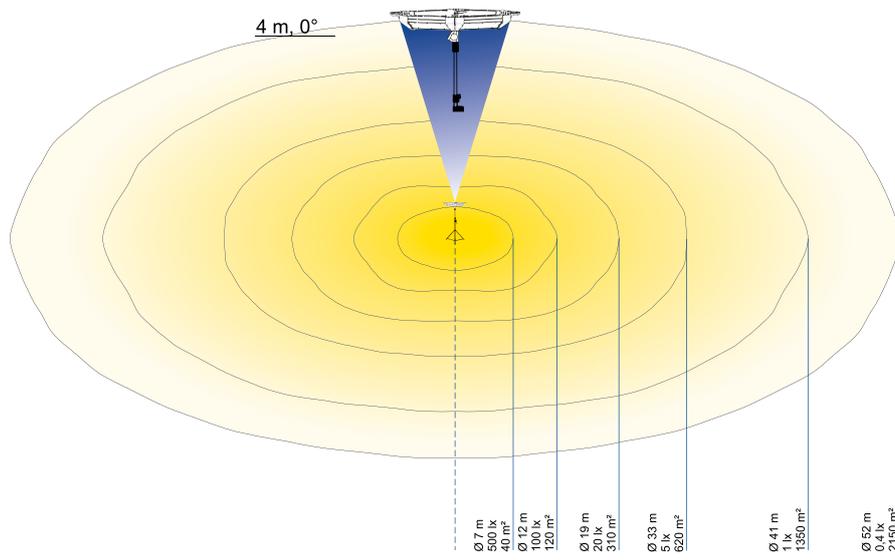
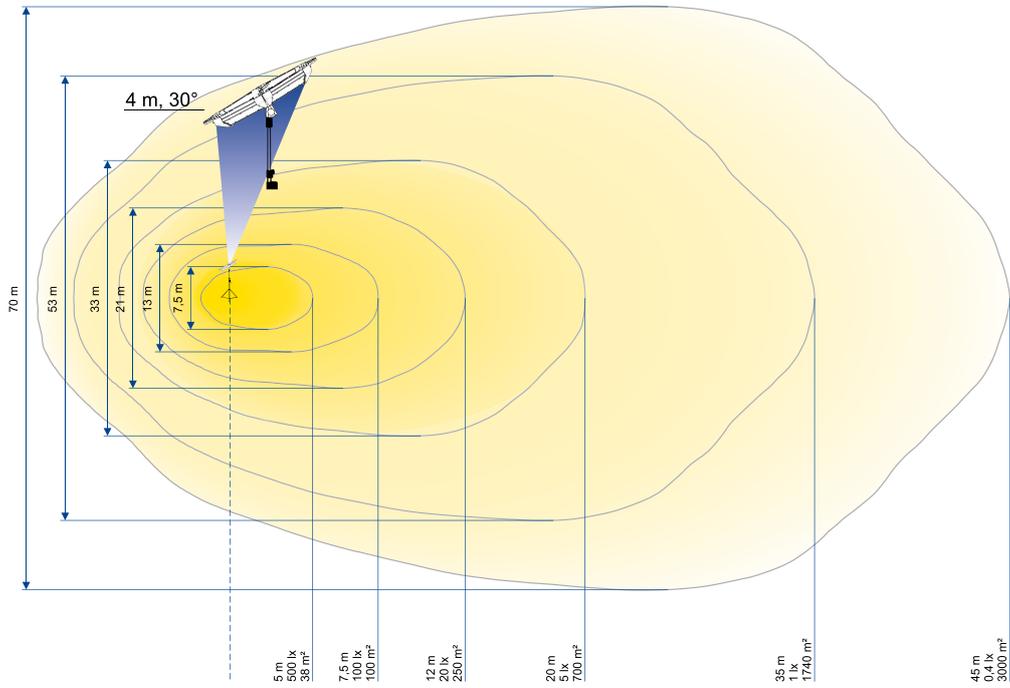
Smart Control stands for the intelligent remote control of our luminaires via mobile app from a mobile phone or tablet. It doesn't matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires - even existing ones - can be controlled together with an integrated „Casambi“ module. Thus also our POWER TUBE II, POWERDISK and POWERCASE L. The luminaires are networked via Bluetooth from the mobile device to the luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

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

For installation and operation, see page 112.







ADVANTAGES OF THE „CASAMBI“-CONTROL SYSTEM

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



CASAMBI USES BLUETOOTH®

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



CASAMBI-APP INSTALLATION

- 1** DOWNLOAD Casambi-App


- 2** TURN ON ALL LUMINAIRES
- 3** SWITCH ON BLUETOOTH®, OPEN CASAMBI-APP


- 4** ALL LUMINAIRES ARE AUTOMATICALLY LISTED


- 5** SELECT: „ADD TO ...“
- 6** ALL LIGHTS ARE AUTOMATICALLY DISPLAYED IN THE „LUMINAIRES“ MENU

APP-CONTROL

Standard gestures:

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



Touch the luminaire icon to turn it on or off.



Move horizontally across the luminaire icon to adjust brightness.

Accessories



Crank tripod "Premium"

Steel, chrome plated, suitable for 16 & 28 mm spigots, safety bolt, self braking clutch/winch, fold-away crank, one adjustable stand to compensate uneven terrain

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

Packed dimensions:
L 1.850, B 230, H 160 mm

95-0060-0014.D Hmax 3800, Hmin 1740, D 1300 mm 22,5 kg



Crank tripod „LightmaXX“

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

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

incl. clamping kit for tripod

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

95-0294-0014 Hmax 4130, Hmin 1750, D 1730 mm 25,0 kg



Hinged feet with rubber pad

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



95-0266-0001 0,43 kg



Bracing set

3 x rope cord and peg

95-0267-0001 1,1 kg



**Tripod adapter
28 mm/30 mm (DIN 14640)**

Stainless steel, for connection to existing stands with 28 mm

95-0254-0014 L 108, D 38 mm 0,5 kg

Carrier box for Tripod "Premium"

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



95-0265-0040	L 1990, B 325, H 225 mm	21,2 kg
--------------	-------------------------	---------

Set Crank tripod "Premium"

The set includes:
Crank tripod "Premium", tripod adapter, bracing set, carrier box



95-0060-0014S1	L 1990, B 325, H 225 mm	44,0 kg
----------------	-------------------------	---------

Set

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



95-0227-0001	L 1000 mm	0,56 kg
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POWERCASE L supply cables for replacement or function upgrade

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

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

*separately dimmable

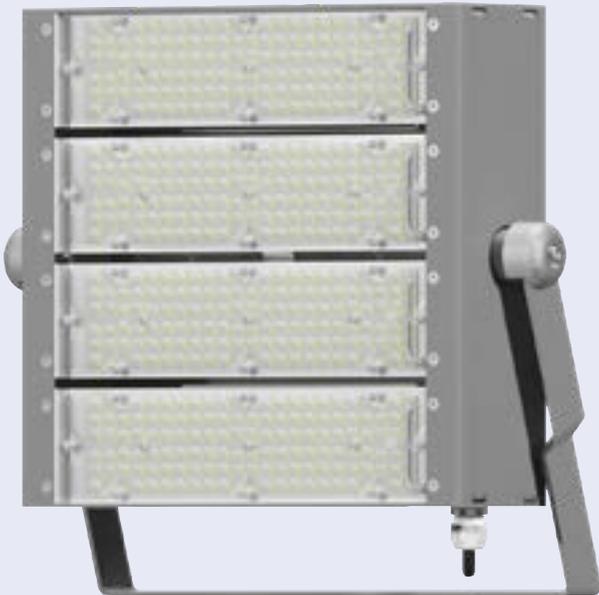
NEW Upgrade through line replacement



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.



NEW



IP 66

IK08

max. 150.000 lm

THORIX II

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

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

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



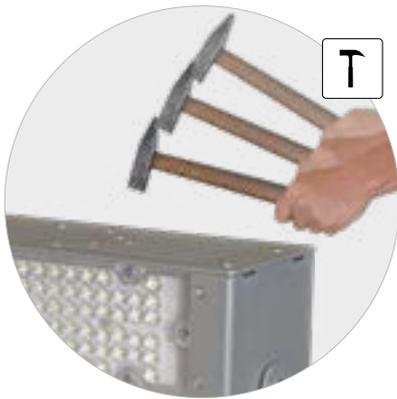
THORIX II

Features

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



Passive cooling, no wearing parts, maintenance-free

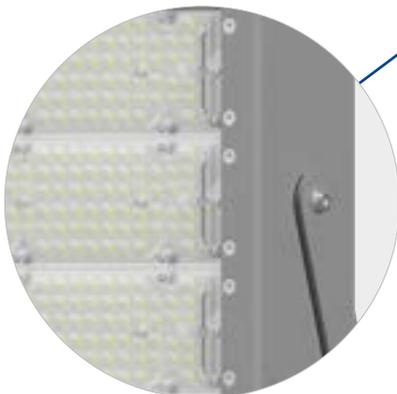


Impact and break resistant housing

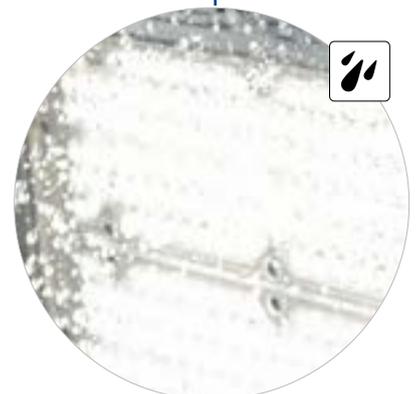
Environmentally friendly and conserves resources thanks to replaceable components



Robust housing in lightweight construction made of aluminum, powder coated



High protection rating IP 66





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

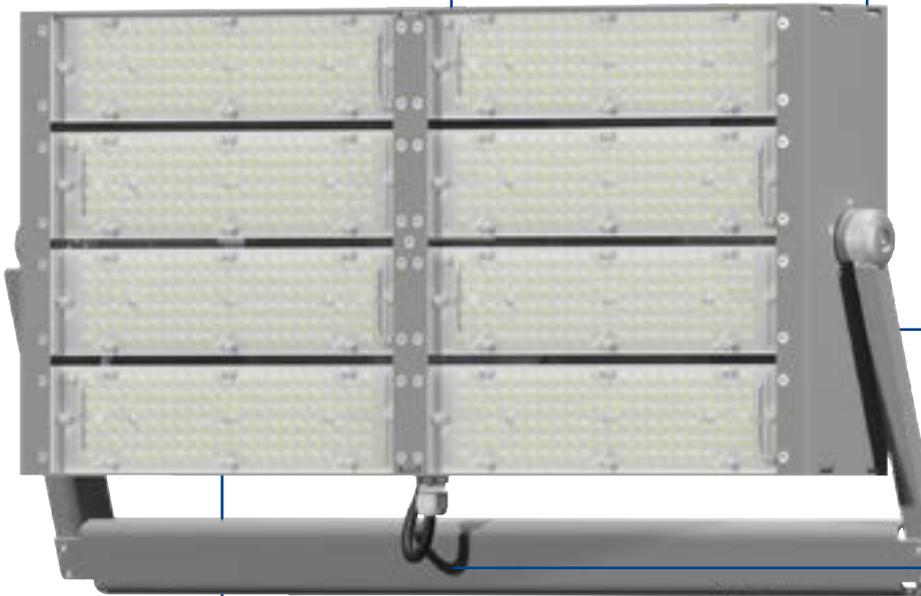


Optionally available glare shield to reduce light pollution (Dark Sky)

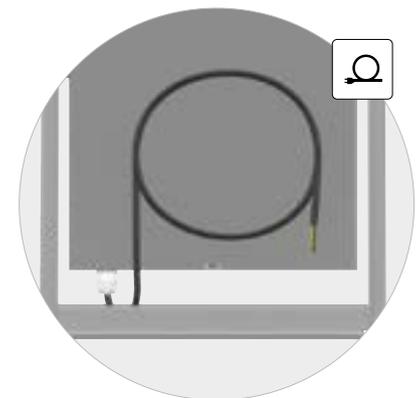
Interception rope to secure the luminaire



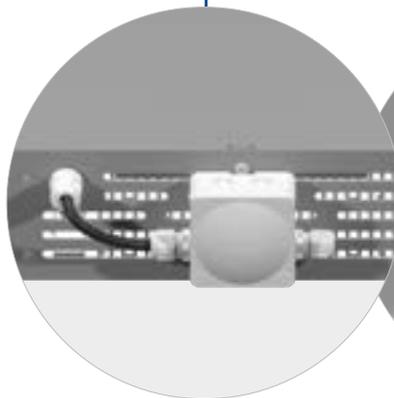
Universal fixing option with slotted holes in the bracket



With 1 m supply cable H07RN-F



Optionally available junction box and mains connection plug

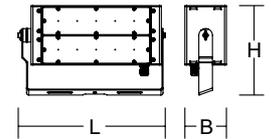


Mounting bracket made of stainless steel, powder coated



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

- 24.000 lm effective
- 5.000 K, R_a ≥ 80 LED panel
- 180 W
- 1 m H07RN-F black
- IK08

220-240 V, 50/60 Hz

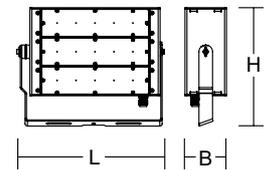
Model	Beam angle	Power (W)	Cable length (m)	Grounding	Waterproof	Weight (kg)
70T023Z0-0014	30°	180 W	1,0 m	I	IP 66	6,1 kg
70T026Z0-0014	60°	180 W	1,0 m	I	IP 66	6,1 kg
70T029Z0-0014	90°	180 W	1,0 m	I	IP 66	6,1 kg

30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
10	5	557	10	15	150	10	18	124
20	10	139	20	29	37	20	35	31
30	16	62	30	44	17	30	53	14
40	21	35	40	59	9	40	70	8
50	26	22	50	73	6	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

- 35.000 lm effective
- 5.000 K, R_a ≥ 80 LED panel
- 265 W
- 1 m H07RN-F black
- IK08

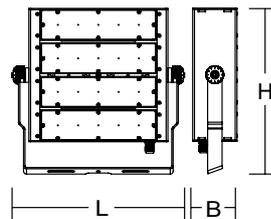
220-240 V, 50/60 Hz

Model	Beam angle	Power (W)	Cable length (m)	Grounding	Waterproof	Weight (kg)
70T033Z0-0014	30°	265 W	1,0 m	I	IP 66	8,7 kg
70T036Z0-0014	60°	265 W	1,0 m	I	IP 66	8,7 kg
70T039Z0-0014	90°	265 W	1,0 m	I	IP 66	8,7 kg

30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
10	5	775	10	15	223	10	17	188
20	10	194	20	30	56	20	36	47
30	16	86	30	45	25	30	55	21
40	22	48	40	59	14	40	73	12
50	27	31	50	74	9	50	91	8

THORIX II (4-Module)

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



L 476, B 122, H 460 mm



220-240 V, 50/60 Hz

70T043Z0-0014	30°	370 W	1,0 m	I	IP 66	10,4 kg
70T046Z0-0014	60°	370 W	1,0 m	I	IP 66	10,4 kg
70T049Z0-0014	90°	370 W	1,0 m	I	IP 66	10,4 kg

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

Φ_v 48.000 lm effective

..... 5.000 K, Ra ≥ 80 LED panel

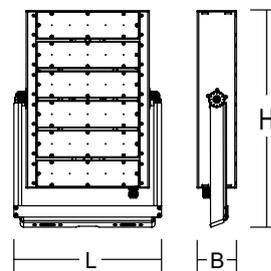
P 370 W

Ω 1 m H07RN-F black

T IK08

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



220-240 V, 50/60 Hz

70T063Z0-0014	30°	535 W	1,0 m	I	IP 66	15,9 kg
70T066Z0-0014	60°	535 W	1,0 m	I	IP 66	15,9 kg
70T069Z0-0014	90°	535 W	1,0 m	I	IP 66	15,9 kg

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

Φ_v 70.000 lm effective

..... 5.000 K, Ra ≥ 80 LED panel

P 535 W

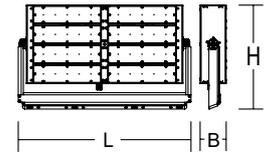
Ω 1 m H07RN-F black

T IK08



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.

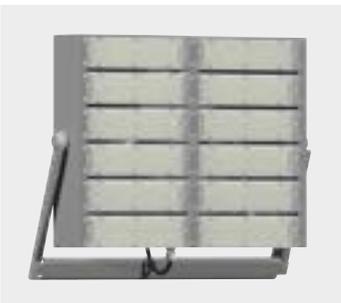


L 809, B 122, H 490 mm

- 97.000 lm effective
- 5.000 K, Ra ≥ 80 LED panel
- 730 W
- 1 m H07RN-F black
- IK08

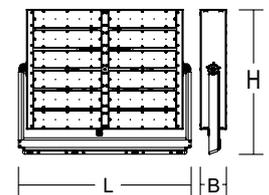
Shopping cart icon	Angle icon	P	Omega	Grounding icon	Water icon	Weight icon
220-240 V, 50/60 Hz						
70T083Z0-0014	30°	730 W	1,0 m	I	IP 65	21,3 kg
70T086Z0-0014	60°	730 W	1,0 m	I	IP 65	21,3 kg
70T089Z0-0014	90°	730 W	1,0 m	I	IP 65	21,3 kg

30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
20	10	608	20	30	151	20	37	130
40	20	152	40	59	38	40	73	32
60	30	68	60	89	17	60	110	14
80	41	38	80	118	10	80	146	8
100	51	24	100	148	6	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

- 150.000 lm effective
- 5.000 K, Ra ≥ 80 LED panel
- 1.115 W
- 1 m H07RN-F black
- IK08

Shopping cart icon	Angle icon	P	Lightning bolt icon	Omega	Grounding icon	Water icon	Weight icon
220-240 V, 50/60 Hz							
70T0C3Z0-0014	30°	1.115 W	230 V	1,0 m	I	IP 65	29,5 kg
70T0C6Z0-0014	60°	1.115 W	230 V	1,0 m	I	IP 65	29,5 kg
70T0C9Z0-0014	90°	1.115 W	230 V	1,0 m	I	IP 65	29,5 kg
400 V, 50/60 Hz							
70T4C3Z0-0014	30°	1.115 W	400 V	1,0 m	I	IP 65	29,5 kg
70T4C6Z0-0014	60°	1.115 W	400 V	1,0 m	I	IP 65	29,5 kg
70T4C9Z0-0014	90°	1.115 W	400 V	1,0 m	I	IP 65	29,5 kg

30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
20	10	908	20	29	236	20	36	204
40	21	227	40	59	59	40	73	51
60	31	101	60	88	26	60	109	23
80	41	57	80	118	15	80	146	13
100	52	36	100	147	9	100	182	8

Glare shield (2- to 6-Module)

To reduce glare and light pollution (Dark Sky)



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

Glare shield (8- to 12-Module)

To reduce glare and light pollution (Dark Sky)



 95-0282-0014	 1,05 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
--	---





IP 66

IK08



max. 35.000 lm

THORIX II Flex

LED spotlights



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

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

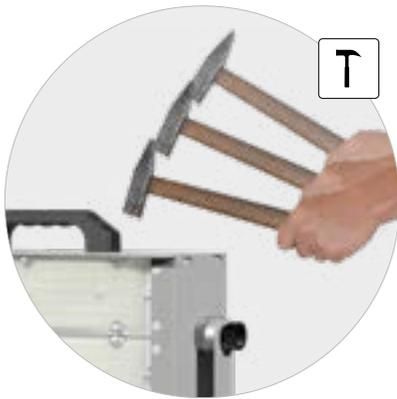
THORIX II Flex

Properties

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



Passive cooling, no wearing parts, maintenance-free



Impact and break resistant housing

Environmentally friendly and conserves resources thanks to replaceable components



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



High protection rating IP 66





Integrated carry handle



Adjustable lamp head



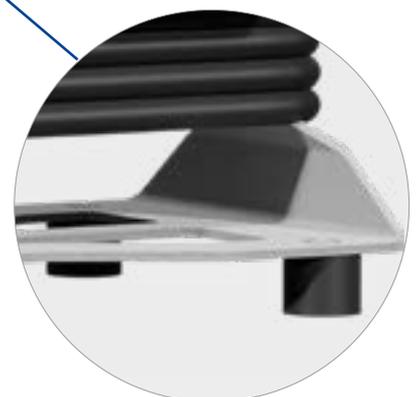
With 10 m H07RN-F/H07BQ-F power cable and IP 68 safety plug

Integrated cable winder

ON/OFF, stepless dimming using potentiometer



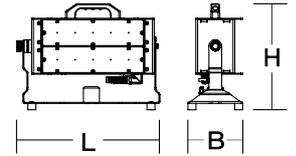
Safer, extra-non-slip stand that will not damage the ground thanks to integrated rubber feet





THORIX II Flex (2-Module)

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



L 440, B 173, H 335 mm

Φ_v 24.000 lm effective

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

P 180 W

..... 10 m black / yellow

T IK08

..... E+F⁶⁸

E+F⁶⁸



220-240 V, 50/60 Hz

70F02301-0014	30°	-	H07RN-F	I	IP 66	8,5 kg
70F02601-0014	60°	-	H07RN-F	I	IP 66	8,5 kg
70F02901-0014	90°	-	H07RN-F	I	IP 66	8,5 kg
70F02A01-0014	30° + 60°	-	H07RN-F	I	IP 66	8,5 kg
70F02B01-0014	30° + 90°	-	H07RN-F	I	IP 66	8,5 kg
70FD2301-0014	30°	✓	H07BQ-F	I	IP 66	8,5 kg
70FD2601-0014	60°	✓	H07BQ-F	I	IP 66	8,5 kg
70FD2901-0014	90°	✓	H07BQ-F	I	IP 66	8,5 kg

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

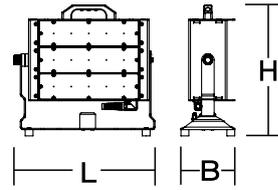
h (m)	Ø (m)	E (lx)	60°
5	7	615	
10	15	154	
15	22	68	
20	29	38	
25	37	25	

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



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



220-240 V, 50/60 Hz

70F03301-0014	30°	-	H07RN-F	I	IP 66	11,5 kg
70F03601-0014	60°	-	H07RN-F	I	IP 66	11,5 kg
70F03901-0014	90°	-	H07RN-F	I	IP 66	11,5 kg
70F03A01-0014	60° + 30° + 60°	-	H07RN-F	I	IP 66	11,5 kg
70F03B01-0014	90° + 30° + 90°	-	H07RN-F	I	IP 66	11,5 kg
70FD3301-0014	30°	✓	H07BQ-F	I	IP 66	11,5 kg
70FD3601-0014	60°	✓	H07BQ-F	I	IP 66	11,5 kg
70FD3901-0014	90°	✓	H07BQ-F	I	IP 66	11,5 kg

Φ_v 35.000 lm effective

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

P 265 W

Ω 10 m black / yellow

T IK08

..... E+F⁶⁸

h (m)	Ø (m)	E (lx)	30°
5	3	3480	
10	5	870	
15	8	387	
20	10	218	
25	13	139	

h (m)	Ø (m)	E (lx)	60°
5	7	900	
10	15	225	
15	22	100	
20	30	56	
25	37	36	

h (m)	Ø (m)	E (lx)	90°
5	9	759	
10	18	190	
15	27	84	
20	37	47	
25	46	30	

E+F⁶⁸



Accessories



Crank tripod "Premium"

Steel, chrome plated, suitable for 16 & 28 mm spigots, safety bolt, self braking clutch/winch, fold-away crank, one adjustable stand to compensate uneven terrain

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

Packed dimensions:

L 1.850, B 230, H 160 mm

95-0060-0014.D H max 3800, H min 1740, D 1300 mm 22,5 kg



Crank tripod „LightmaXX“

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

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

incl. clamping kit for tripod

Pack dimensions:

L 1.810, B 300, H 250 mm

95-0294-0014 H max 4130, H min 1750, D 1730 mm 25,0 kg



Tripod "Professionell"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, with standard spigot 30 mm (DIN 14640), including bracing set (3 x rope cord and peg)

Packed dimensions:

L 1.120, B 200, H 200 mm

95-0257-0014 H max 4450, H min 1100, D 1600 mm 13,3 kg



Hinged feet with rubber pad

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



95-0266-0001 0,43 kg



Bracing set

3 x rope cord and peg

95-0267-0001 1,1 kg



Hand lamps

Flashlights





NEW



SteckGo

135



ACHILLES

144



ACHILLES MC

145



suprabeam®

147



NEW



IP 44



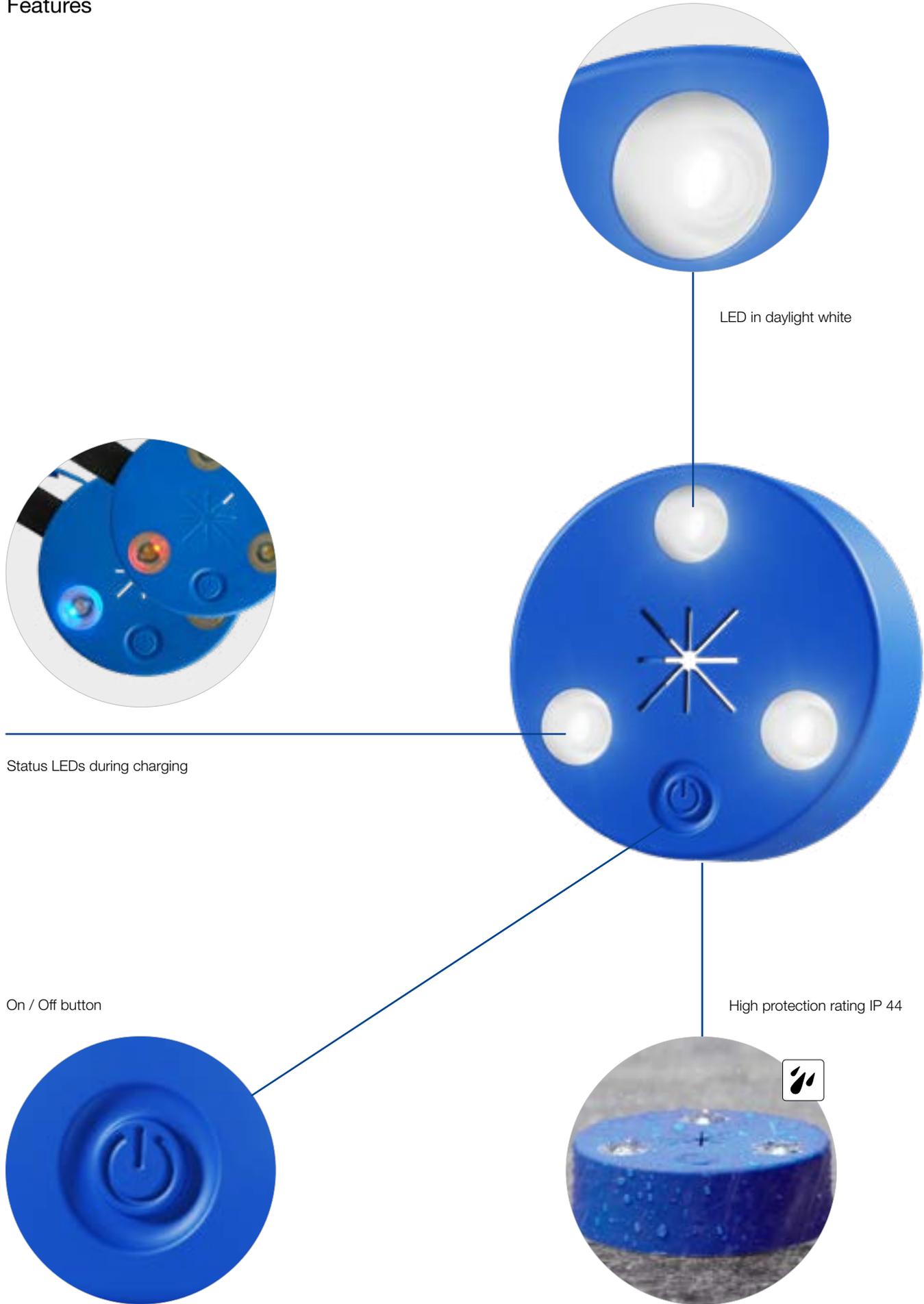
SteckGO*

Light wherever you need it



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

- Attachment by clipping on in the desired position
- Clamping range 6 to 20 mm
- Running time up to 2.5 hours
- With on / off button
- Impact-resistant and break-proof housing
- Integrated LiPo battery
- High protection rating IP 44
- High color rendering index CRI \geq 80
- LED in daylight white
- Status LEDs during charging
- Environmentally friendly and resource-saving





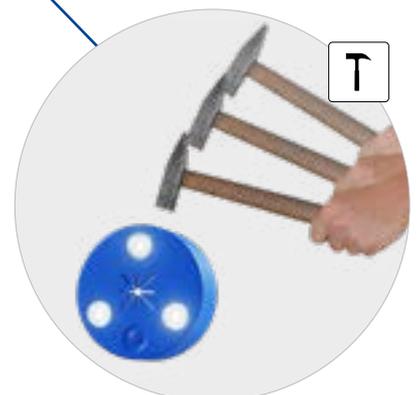
Holder for a wide range of tools
(clamping range 6 to 20 mm)



USB-C charging socket



Impact-resistant and break-proof housing

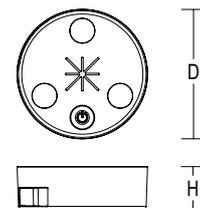


Environmentally friendly and resource-saving due to integrated rechargeable battery



SteckGO

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



D 60, H 20 mm

 $R_a \geq 80$

 LiPo battery

 approx. 2,5 h

 2,0 h

					
74-0081-0006	5 V DC	✓	III	IP 44	37 g

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



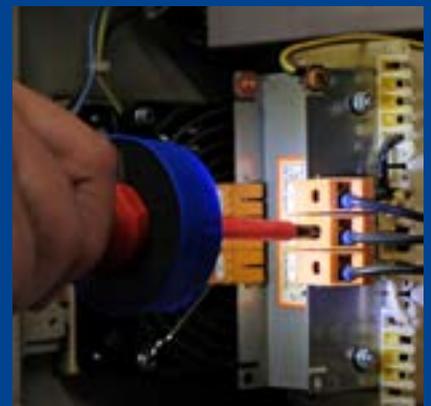


APPLICATIONS

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



CRAFT
CONSTRUCTION
INDUSTRY
HOME & HOBBY



SMALL. LIGHT. CLEVER.



ACHILLES mini



ACHILLES maxi



ACHILLES MC mini



ACHILLES MC maxi





ACHILLES

Hand-held luminaires

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

- Switchable between Front- and Top-LED
- Capacity indicator
- USB-C charging cable
- Universal mounting with magnet or hook
- Adjustable strap
- POWERBANK-function with version „maxi“
- Infinitely dimmable (except „mini“)
- High color rendering index CRI>96 (version „MC“)



ACHILLES

Features



Charge level indicator
Switch: ON / OFF, dimmable: - / +



Adjustable strap



Universal mounting with magnet



POWERBANK-function with version „maxi“



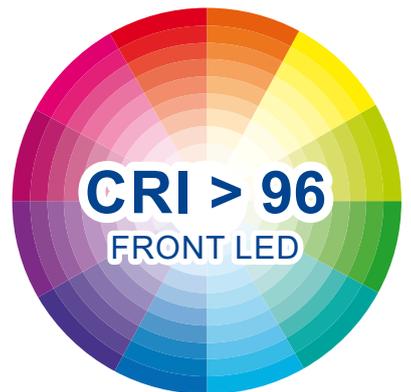
Charge status display via LCD display



Switchable between Front- and Top-LED



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



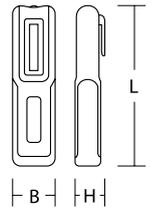
USB-C charging cable
Adjustable bracket





ACHILLES mini

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



L 155, B 40, H 30 mm

..... ≈ 3 h

Front LED: 6.400 K, Ra ≥ 80
..... Top LED: 6.400 K, Ra ≥ 80

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

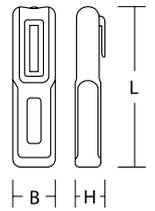
..... ≈ 3 h
..... USB-C

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



ACHILLES maxi

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



L 190, B 60, H 32 mm

..... ≈ 5 h

Front LED: 6.400 K, Ra ≥ 80
..... Top LED: 6.400 K, Ra ≥ 80

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

..... Front LED | Top LED

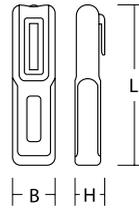
..... ≈ 5 h
..... USB-C

..... POWERBANK-function

		Φ_v				
74-0018-0001	1x COB-LED (Front) 1x LED (Top)	350 lm 150 lm	III	IP 20	USB	215 g

ACHILLES MC mini

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



L 155, B 40, H 30 mm

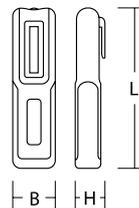


		Φ_v				
74-0025-0006	1x COB-LED (Front) 1x LED (Top)	150 lm 50 lm	III	IP 20	USB	130 g

- ≈ 3 h
- Front LED: 5.000 K, $R_a \geq 96$
..... Top LED: 6.400 K, $R_a \geq 80$
- Li-Ion, 3,7 V,
..... 1.200 mAh
- Front LED | Top LED
- ≈ 3 h
..... USB-C

ACHILLES MC maxi

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



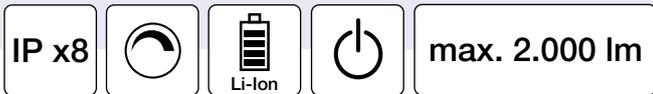
L 190, B 60, H 32 mm



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

- ≈ 3 h
- Front LED: 5.000 K, $R_a \geq 96$
..... Top LED: 6.400 K, $R_a \geq 80$
- Li-Ion, 3,7 V,
..... 2.000 mAh
- Front LED | Top LED
- ≈ 5 h
..... USB-C
- POWERBANK-function





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

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



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

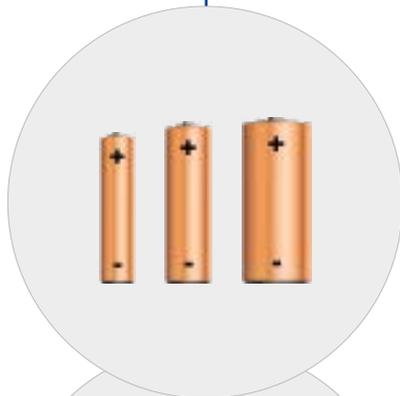


Highly robust 6061-T6 aluminium which was originally developed for the aerospace industry



Batteries included

2 x Li-Ion battery, USB charging station, USB cable and mains adapter (100-240 V) for Q7xrs



Hyperfocus™ technology for LED-light focusing



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

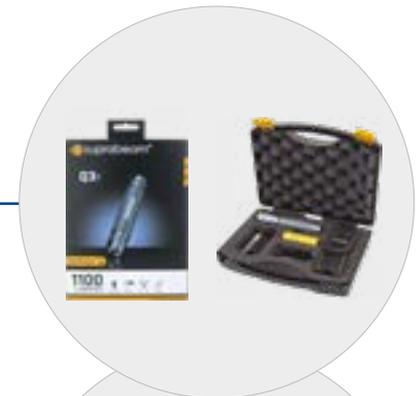


Metall- bzw. Silikon-Schalter mit Touch-Funktion
an der Rückseite (Q1); elektronischen Schalter
mit Silikonabdeckung (Q3, Q7xrs)

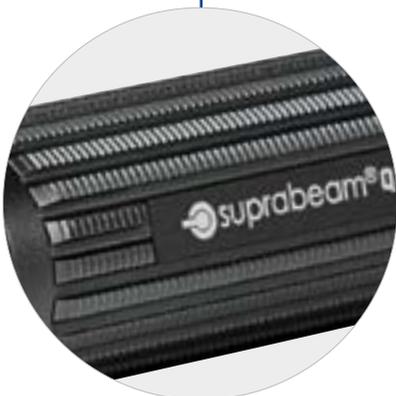


Gift box or carrying case

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



Handy surface design





Q1 74-0201-0020	70 m	Max 160 lm Low 40 lm	4 h 10 h	10 ... 70°	2 x AAA (Alkaline, NiMh)	IP x4	-20 ... +50 °C	141,5 mm 15 mm 56 g



Q3 74-0221-0020	230 m	Max 380 lm Dim 10-380 lm	2,25 h 75 h	10 ... 70°	3 x AAA (Alkaline, NiMh)	IP x4	-20 ... +50 °C	115,3 mm 26,5 mm 99 g



Q7xrs 74-0235-0020	345 m	Max 2000 lm Dim 1000-6 lm High 500 lm Med 250 lm Low 50 lm Strobe 10 Hz	2.0 h 2,25-500 h 3,5 h 8,0 h 37,0 h	15 ... 75°	1 x Li-Ion 26650 (3,7 V / 5.000mAh)	IP x4	-20 ... +50 °C	158 mm 46 mm 307 g



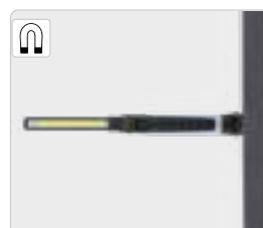
V3air 74-0243-0020	195 m	Max 340 lm Standard 110 lm Dim (6-160 lm incl. Memory)	3,5 h 10 h < 80 h	10... 70°	3 x AAA (Alkaline)	IP x4	-20 ... +50 °C	500-700 mm 140 g



V3air rechargeable 74-0244-0020	210 m	Max 450 lm Standard 120 lm Dim (6-180 lm incl. Memory)	1,75 h 5 h 3-100 h	10... 70°	1 x LiPo (3,7 V / 1.400 mAh)	IP x4	-20 ... +50 °C	500-700 mm 140 g



I2r 74-0237-0020	Max 700 lm Top-Light 120 lm Dim 60-700 lm	2 h 10 h 2-16 h	120°	1 x Li-Ion (3,7 V / 2.600 mAh)	IP 54	-10 ... +40 °C	220 mm 46 mm 373 g





Bike mount

für Q3-series, Q7-series

 74-02Z14-0001



Helmet mount

for „FAST rail“ Military helmet,
for Q3

 74-02Z11-0001



Helmet mount

universal,
for Q3

 74-02Z10-0001



Camping bulb

for Q3, V3-series

 74-02Z9-0001



Colour filters

Set for Q7xrs

 74-02Z12-0001 Q7xrs



**Li-batteries
(replacement)**

 74-02Z6-0004 Li-Polymer, 3.7V - 1400 mAh V3air rechargeable

 74-02Z6-0006 Li-Ion, 3.7V - 5000 mAh Q7xrs



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





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.

Types of protection according to EN 60598/VDE 0711

1st digit: Protection against solid objects

	IP 2X	Against solid objects > 12 mm
	IP 3X	Against solid objects > 2,5 mm
	IP 4X	Against solid objects > 1 mm
	IP 5X	Protection against dust
	IP 6X	Dustproof

2nd digit: Protection against water

	IP X0	Unprotected
	IP X1	Against vertically falling drops of water
	IP X2	Against vertically falling drops of water up to 15° from the vertical
	IP X3	Against vertically sprayed water up to 60° from the vertical
	IP X4	Against splash water from all directions
	IP X5	Against jets water from all directions
	IP X6	Against strong jets of water from all directions or rough seas
	IP X7	Against temporary immersion
	IP X8	Against permanent immersion

The specification of a type of protection is only valid with the specified or permitted kind of mounting.

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

SALES DEPARTMENT - GERMANY

Phone: 0049 151 180 294 14
E-Mail: vertrieb@sonlux.de

Internal sales department

Phone: 0049 3632 6522-859
E-Mail: vertrieb@sonlux.de

Central

Phone: 0049 3632 6522-0
E-Mail: info@sonlux.de

EXPORT SALES

Phone: 0049 151 180 293 91
E-Mail: export@sonlux.de

Internal sales department

Phone: 0049 3632 6522-824
E-Mail: export@sonlux.de

Service / Quality management

Phone: 0049 3632 6522-861
E-Mail: qm@sonlux.de



	Connector	Socket	Countries
C*	 C* CEE 7/16		BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LI, LT, LU, NL, NO, AT, PL, PT, RO, SE, CH, SK, SI, ES, CZ, HU
C	 C SN 441011, Typ11		LI, CH
E+F	  E+F (IP X4) ¹ CEE 7/7 ² CEE 7/17		BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LT, LU, NL, AT, PL, PT, RO, SE, SK, SI, ES, CZ, HU
F	 E+F (IP X4) CEE 7/7	 F CEE 7/3	BG, DE, EE, FI, GR, IS, IT, HR, LV, LT, LU, NL, NO, AT, PL, PT, RO, SE, SK, SI, ES, HU
E	 E+F (IP X4) CEE 7/7	 E CEE 7/5	BE, FR, PL, SK, CZ
E+F⁶⁸	 E+F⁶⁸ (IP 68) CEE 7/7		BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LT, LU, NL, AT, PL, PT, RO, SE, SK, SI, ES, CZ, HU
F⁶⁸	 E+F⁶⁸ (IP 68) CEE 7/7	  F⁶⁸ (IP 68) CEE 7/3	BG, DE, EE, FI, GR, IS, IT, HR, LV, LT, LU, NL, NO, AT, PL, PT, RO, SE, SK, SI, ES, HU
G	 G BS 1363		GB, IE, MT, CY
J	 J SN 441011, Typ12		LI, CH
K	 K DS 60884-2-D1		DK
CEE 6h	 CEE 230 V AC, 50/60Hz, 2P+E, 16A, 6h, blue		
CEE 110	 CEE 110 V AC, 50/60Hz, 3P, 16A, 4h, yellow		
CEE 42	 CEE 42 V AC, 50/60Hz, 2P, 16A, 12h, white		
CEE 24	 CEE 24 V AC, 50/60Hz, 2P, 16A, violett		
DIN	 DIN 12 / 24 V DC, DIN 14690		
Car	 Car 12 / 24 V DC, Vehicle electrical system		

Other plug / socket versions on request.

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Tip with added value:

The digital version of this publication contains **interactive links** that lead you from the article number directly to the web.

