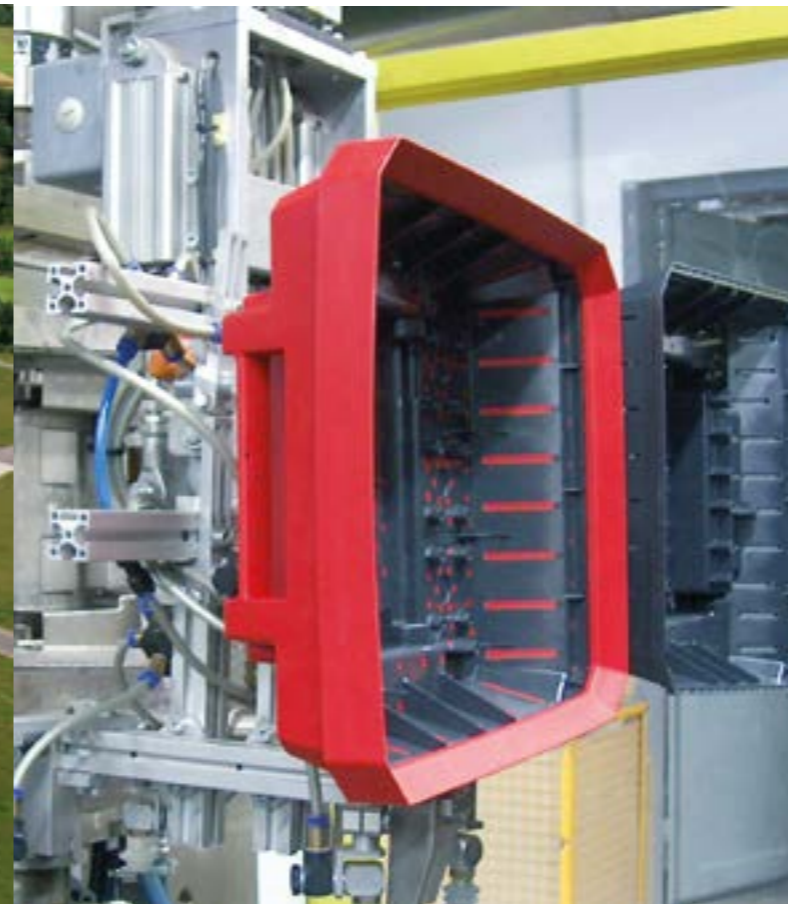




MOBILE LIGHT

VALID FROM 1 SEPTEMBER 2022



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

Quality 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 3 to 5 year manufacturer's warranty on all SONLUX luminaires.



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



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.

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.



Awarded - EcoVadis bronze medal for SONLUX

Bronze medal for SONLUX

SONLUX Lighting GmbH was evaluated for the first time by the leading corporate social responsibility rating agency EcoVadis for its sustainability activities and awarded the bronze medal. This result places SONLUX among the top 50% of companies evaluated by EcoVadis.

In the next step, SONLUX is aiming for further advancement to the „Silver“ category in the EcoVadis rating. In addition to the continuous further development of the sustainable product portfolio, the focus of the efforts is on the continuous improvement of the company's environmental protection.

EcoVadis

EcoVadis is the world's largest provider of sustainability ratings for companies and helps to better manage and communicate their company's CSR performance. The rating focuses on 21 topics, which are divided into four themes: Environment, Labour and Human Rights, Ethics and Sustainable Procurement.

Its internationally recognised certification is now standard in many industries. Currently, more than 75,000 companies worldwide use EcoVadis.

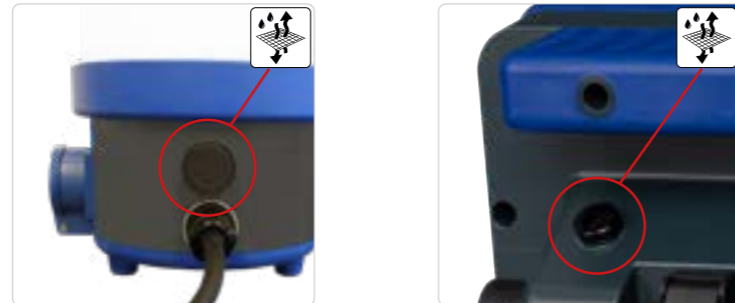


Made in Germany - highest product quality

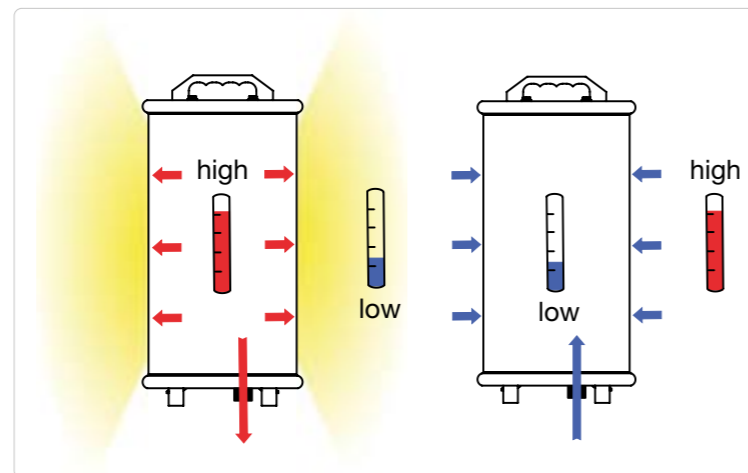
Doesn't just refer to the location for us. It also refers to the way the products are designed and constructed, for reliability and functionality, for longevity and individuality, for tested safety and – above all – for compelling quality. In short, products that will be used and enjoyed for a long time to come.

- Tested quality from Germany
- A piece of true craftsmanship
- Reliability
- Long service life
- Individuality

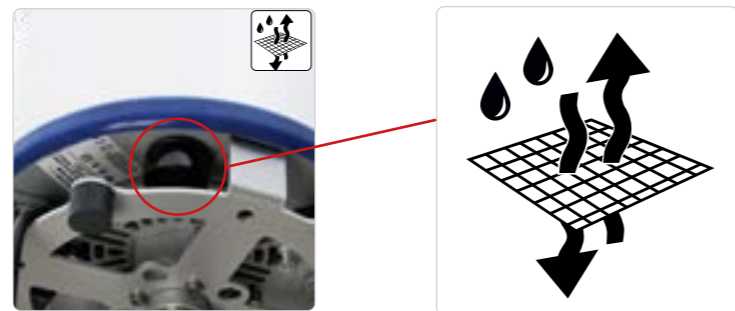
Moisture or condensation and electricity do not go together. This repeatedly leads to failures in luminaires and other electrical devices. Where there is water, the risk of short circuits and thus the failure of electrical equipment increases.



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.



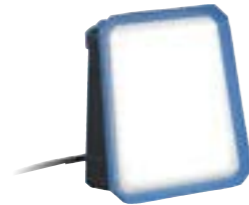
Our pressure equalisation valve with patented filter technology, specially developed by SONLUX, enables rapid pressure equalisation due to its high air flow, especially with large-volume luminaires, thus preventing the formation of condensation water inside and the resulting damage to electrical components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



COMPACT LIGHTS



19 GLADIATOR Pocket



23 GLADIATOR mini



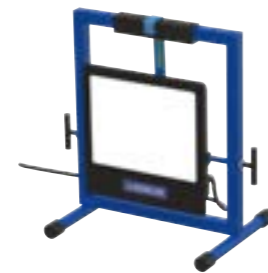
29 GLADIATOR II
GLADIATOR II Accu



81 POWERTUBE II
POWERTUBE II SC



37 **NEW**
GLADIATOR SL I
GLADIATOR SL II
GLADIATOR SL I Accu
GLADIATOR SL I B18V



57 BEAM



61 SPARTACUS



117 THORIX

HAND LAMPS | FLASHLIGHTS



135 ACHILLES mini
ACHILLES maxi
ACHILLES MC mini
ACHILLES MC maxi



141 SUPRABEAM

TUBE LIGHTS



69 Tube lights

LARGE AREA LIGHTING



93 POWERDISK
POWERDISK SC



105 **NEW**
POWERCASE L
POWERCASE L SC



125 **NEW**
THORIX II Flex (2-Module)
THORIX II Flex (3-Module)

ACCESSORIES



48 GLADIATOR
Accessories

65 SPARTACUS
Accessories

75 Tube lights
Accessories

90 POWERTUBE II
Accessories

100 POWERDISK
Accessories

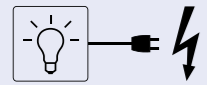
114 POWERCASE L
Accessories

130 THORIX II Flex
Accessories

148 Conditions of sale
and delivery

151 Contact

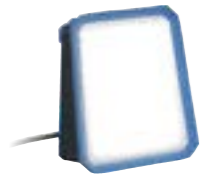
152 Signs and symbols



230 V 110 V 42 V 24 V MAINS OPERATION



OPERATION WITH INTEGRATED BATTERY



GLADIATOR mini

23 2.800 lm



POWERTUBE II

81 9.500 - 41.500 lm



GLADIATOR Pocket

19 1.000 lm ≤ 10 h



ACHILLES

138 ≤ 350 lm ≤ 3 h



GLADIATOR II

29 4.000 lm



POWERDISK

93 52.000 lm



GLADIATOR II Accu

34 2.600 lm ≤ 8 h



ACHILLES MC

139 ≤ 350 lm ≤ 3 h



GLADIATOR SL

37 4.000 / 8.000 lm



NEW

POWERCASE L

105 100.000 lm



GLADIATOR SL I Accu

42 4.000 lm ≤ 10 h



SUPRABEAM

141 6 - 2.000 lm ≤ 500 h



BEAM

57 4.500 lm



THORIX

117 66.000 - 132.000 lm



NEW

GLADIATOR SL I B18V

44 4.000 lm ≤ 30 h



SPARTACUS

61 3.600 lm



NEW

THORIX II Flex

125 23.000 / 35.000 lm



Tube lights

65 1.200 - 7.400 lm

			Φ_V	P				T							Warranty	Spare parts service
	GLADIATOR Pocket	19	1.000 lm	10 W	5 V	IP 54		IK05		USB		≤ 10 h	OFF 25 50 100 %		3	
	GLADIATOR mini	23	2.800 lm	33 W	230, 110, 42, 24, 12 V	≤ IP 65		IK08	0 - 2	E, F, J, K, G, CEE, Car					3	✓
	GLADIATOR II	29	4.000 lm	40 W	230, 110, 42, 24, 12 V	≤ IP 66		IK08	0 - 3	E, F, C, J, K, G, CEE, Car					3	✓
	GLADIATOR II Accu	34	2.600 / 1.300 lm	24 W	230 / 16,8 V	IP 54		IK08		C*		4 / 8 h	2-stage		3	✓
	GLADIATOR SL I	41	4.000 lm	40 W	230 V	≤ IP 66		IK08	0 / 2	F, E					3	✓
	GLADIATOR SL II	41	8.000 lm	75 W	230 V	≤ IP 66		IK08	0 / 2	F, E					3	✓
	GLADIATOR SL I Accu	42	4.000 lm	29 / 36 W	220 - 240 V	IP 66		IK07		E+F		≤ 10 h	5-stage		3	✓
	GLADIATOR SL I B18V	44	4.000 lm	29 W	18 V	IP 20		IK08				≤ 30 h	5-stage		3	✓
	BEAM	57	4.500 lm	47 W	230 V	IP 65		IK06		E+F					3	
	SPARTACUS	61	3.600 lm	28 W	230, 110, 42, 24 V	≤ IP 65		IK07	0 - 2	E, F, J, K, G, CEE					3	✓
	Tube lights	69	1.200 - 7.400 lm	12 - 56 W	230, 42, 24 V	≤ IP 67		IK08	0 / 1	E, F, J, K, G, CEE	✓				3	✓
	POWERTUBE II	81	9.500 - 41.500 lm	91 - 400 W	230, 110, 42, 24 V	IP 65		IK08		E, F, J, K, G, CEE					5	✓
	POWERDISK	93	52.000 lm	400 W	230 V	IP 65		IK10		E, F, J, CEE			✓	✓	5	✓
	POWERCASE L	105	100.000 lm	755 W	230 V	IP 65		IK08		E+F			✓	✓	5	✓
	THORIX	117	66.000 - 132.000 lm	480 - 960 W	100 - 240 V	IP 65		IK08							5	✓
	THORIX II Flex (2-Module)	128	23.000 lm	180 W	230 V	IP 66		IK08		E+F ⁶⁸			✓		5	✓
	THORIX II Flex (3-Module)	129	35.000 lm	265 W	230 V	IP 66		IK08		E+F ⁶⁸			✓		5	✓

Compact lights



GLADIATOR Pocket

19



GLADIATOR mini

23



GLADIATOR II
GLADIATOR II Accu

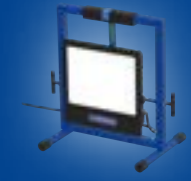
29

NEW



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

37



BEAM

57



SPARTACUS

61



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), 3,7 V
- 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





POWERBANK function



Li-Ion
4.400 mAh, 3,7 V DC

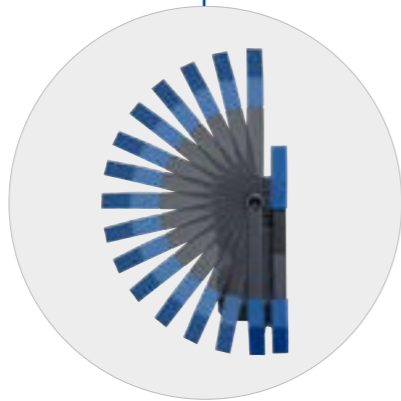


ON/OFF (OFF | 25 | 50 | 100%)
switch and charge status display

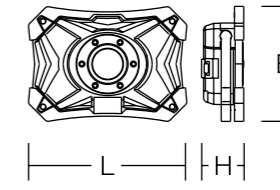


Charger USB A/MICRO-B

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 power bank function, micro USB charging cable included.



L 283, B 272, H 104 mm

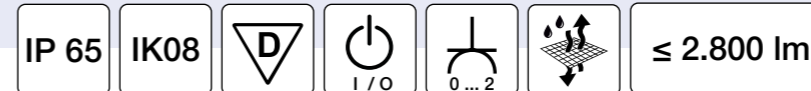


230 V, 50/60 Hz	5 V DC	OFF 25 50 100%	III	IP 54	USB	0,7 kg

70-3100-0006	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, Ra ≥ 80 COB LED
P	10 W
	Li-Ion, 4.400 mAh, 3,7 V DC
	≤ 10 h
T	IK05





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

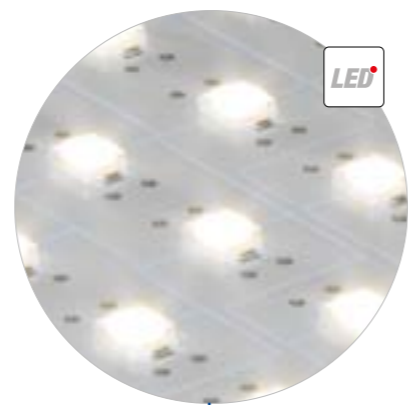


GLADIATOR mini

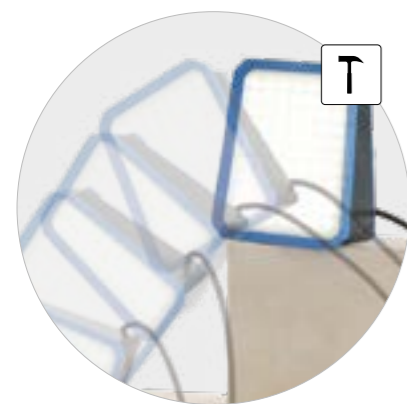
Features



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 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

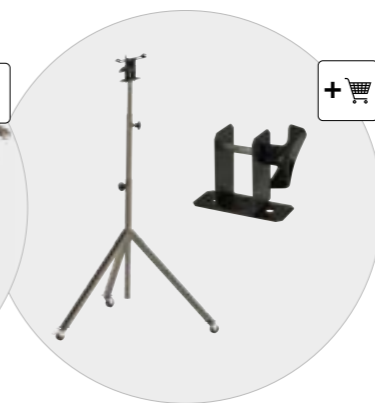


Integrated handle

Cable storage facility on housing

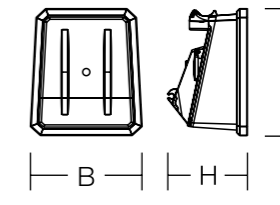


Alternative plug-in systems and supply cable lengths on request
Wide range of accessories





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.

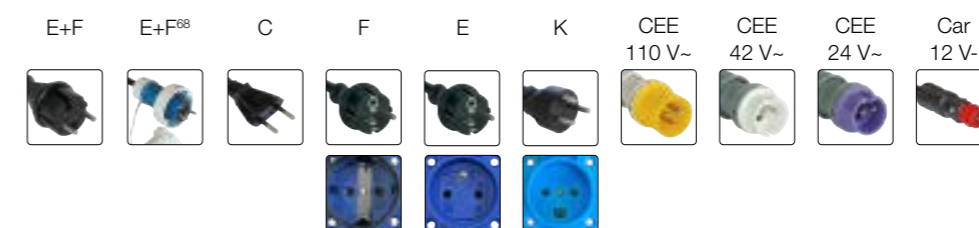
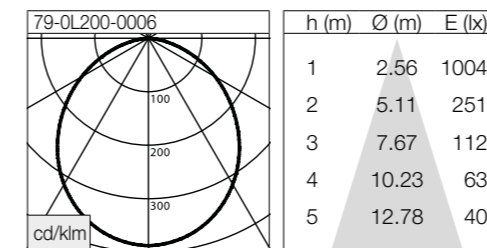


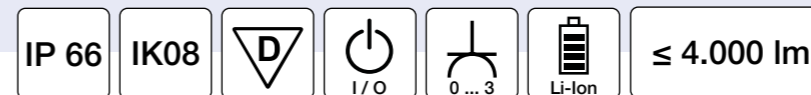
L 250, B 215, H 155 mm



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

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





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

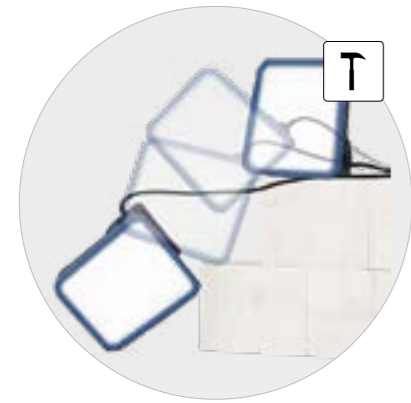


GLADIATOR II

Features



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

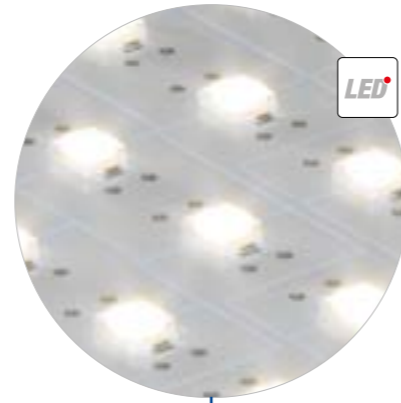


Impact-resistant and break-proof 2-component housing with edge protection of soft thermoplastic elastomer (TPE)

Anti-glare illumination thanks to opal cover



High degree of protection IP 66



LED panel with high-efficiency-SMD-LEDs



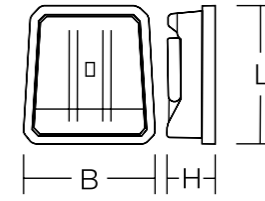
Environmentally friendly and conserves resources thanks to replaceable components



 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.

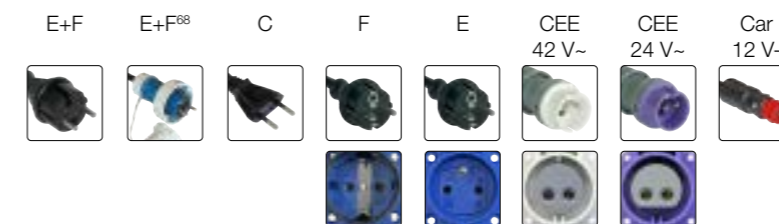
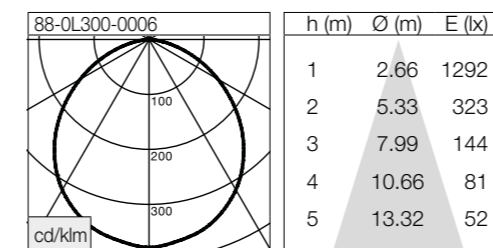


L 320, B 305, H 110 mm



	Φ_V						
230 V, 50-60 Hz							
88-0L000-0006	4.000 lm	-	-	II	IP 66	E+F	2,2 kg
88-0L300-0006	4.000 lm	3	✓	I	IP 54	F	2,8 kg
88-0L001-0006	4.000 lm	-	-	II	IP 66	E+F ⁶⁸	2,5 kg
88-0L0CH-0006	4.000 lm	-	-	II	IP 66	C	2,2 kg
88-0L3B0-0006	4.000 lm	3	✓	I	IP 54	E	2,8 kg
42 V, 50-60 Hz							
88-6L060-0006	3.400 lm	-	-	III	IP 66	CEE	2,5 kg
88-6L160-0006	3.400 lm	1	✓	III	IP 44	CEE	2,6 kg
24 V, 50-60 Hz							
88-5L050-0006	3.400 lm	-	-	III	IP 66	CEE	2,5 kg
88-5L150-0006	3.400 lm	1	✓	III	IP 44	CEE	2,6 kg
12 V / 0 Hz							
88-4L040-0006	2.600 lm	-	✓	III	IP 65	Car	2,3 kg

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





GLADIATOR II Accu

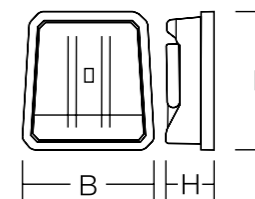
Mobile battery work light

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 (6.600 mAh), 14,4 V DC
- 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.



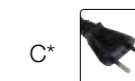
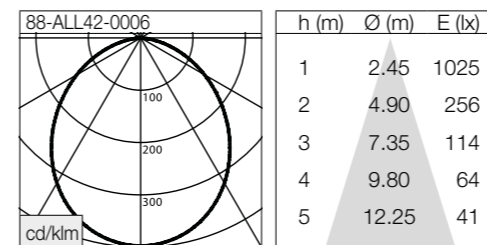
L 320, B 305, H 110 mm







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 V	OUT I	OUT	IN V	IN	Runtime
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
	3.250 1.650 lm 5.000 K, Ra ≥ 80 LED panel
P	24 W
	Li-Ion, 95 Wh 6,6 Ah, 14,4 V DC
	4 h 8 h
T	IK08





IP 66 IK08     ≤ 4.000 / 8.000 lm

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

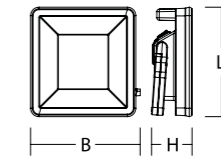
Features





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.

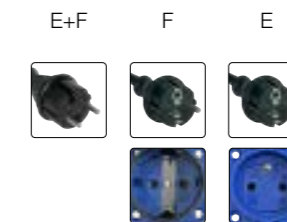
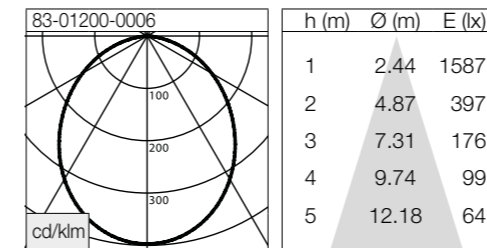


L 283, B 272, H 104 mm



230 V, 50/60 Hz

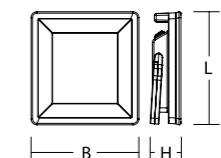
83-01000-0006	-	-	II	IP 66	E+F	2,3 kg
83-01200-0006	2	✓	I	IP 54	F	2,7 kg
83-012B0-0006	2	✓	I	IP 44	E	2,7 kg



- Φ_v 4.000 lm effective
- 5.000 K, Ra ≥ 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.

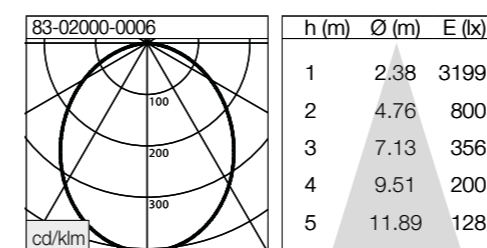


L 388, B 370, H 104 mm



230 V, 50/60 Hz

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



- Φ_v 8.000 lm effective
- 5.000 K, Ra ≥ 80 LED panel
- P** 75 W
- 5 m, H07RN-F black
- T** IK08



GLADIATOR SL I Accu

Mobile hybrid battery light

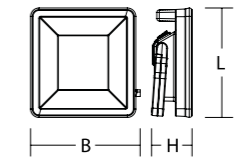
The GLADIATOR SL I Accu with its integrated, modern Li-Ion battery provides for mains-independent freedom. The luminaire, which can be dimmed in five stages, can provide the best LED working light for up to 10 hours. Should the battery be exhausted, it is possible to operate the luminaire the battery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



GLADIATOR SL I Accu

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.

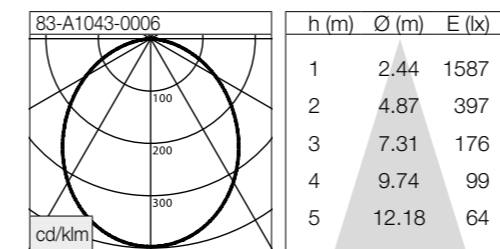


L 283, B 272, H 104 mm



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



	4.000 lm effective
	5.000 K, Ra ≥ 80 LED panel
	29 W
	max 36 W
	Li-Ion, 38 Wh 2,6 Ah, 14,8 V DC
	≤ 10 h
	IK07
	5% 10% 20% 50% 100%



Phosphorescent user interface that glows in the dark

NEW



Powered by
BOSCH

IK08
≤ 30 h
Li-Ion
≤ 4.000 lm

GLADIATOR SL | 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



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



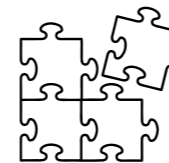
GBA 18 V / 6.0 Ah
from 3,2 to 36 hours



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



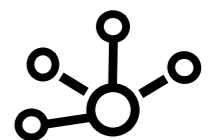
FULL COMPATIBILITY

Compatible with Bosch Professional 18V system and the GBA-ProCORE18V series batteries.



LEADING BATTERY TECHNOLOGY

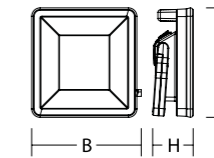
The Professional 18V System batteries offer extreme power and outstanding durability.



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	Shopping Cart	OUT	I OUT	IN	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, Ra ≥ 80 LED panel
- P** 29 W
- Li-Ion, (Bosch) 5 Ah, 18 V DC
- ≤ 30 h
- T** IK08
- 10% | 25% | 50% | 75% | 100%

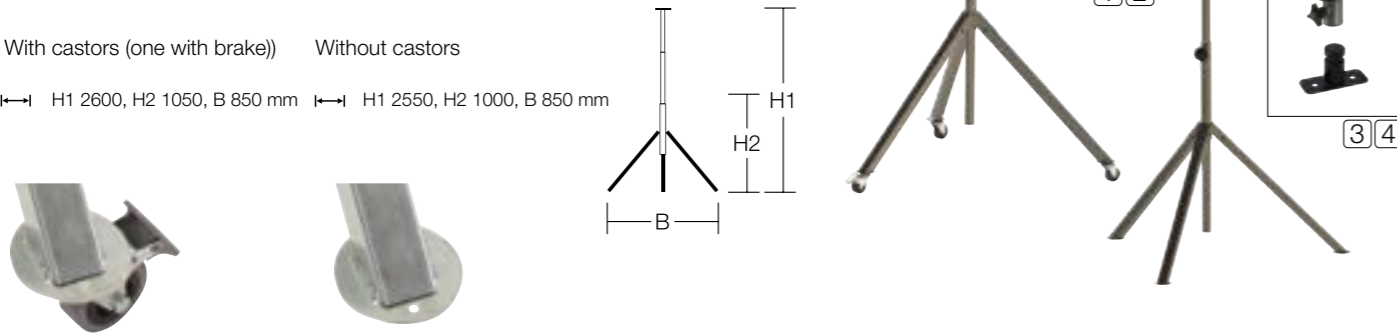
83-B1000-0006	h (m)	Ø (m)	E (lx)
	1	2.47	1551
	2	4.94	388
	3	7.41	172
	4	9.87	97
	5	12.34	62



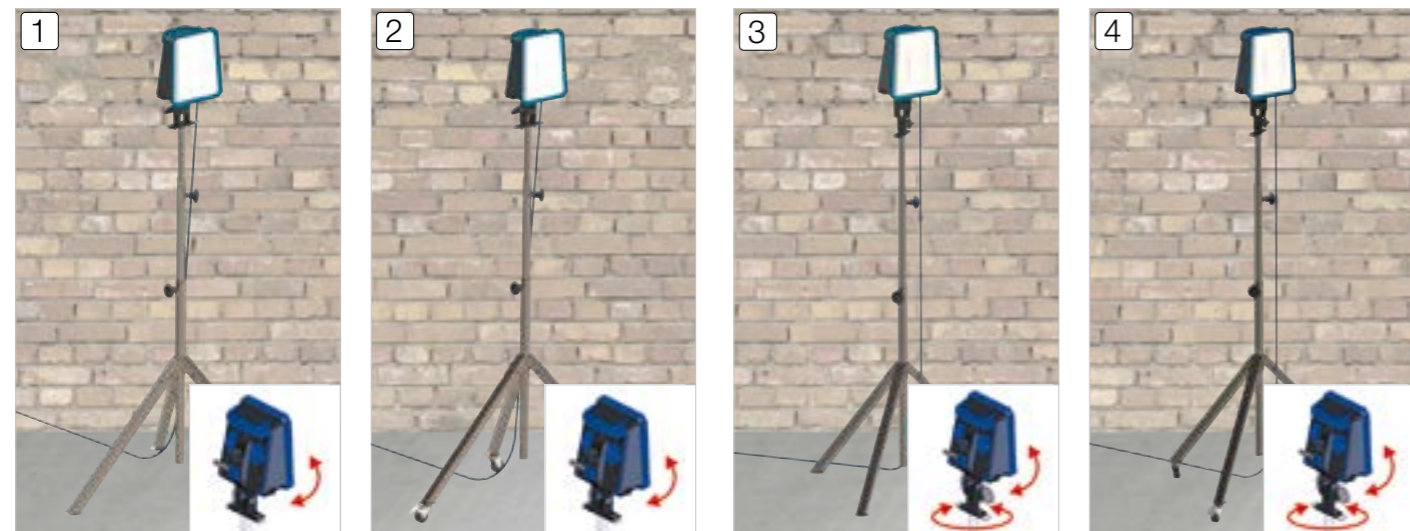
Tripod-Set for GLADIATOR mini

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



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



Tripod-Set for GLADIATOR II

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

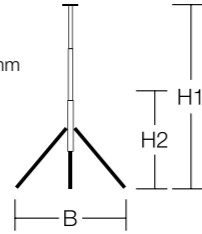
Packed dimensions:
L 1020, B 175, H 155 mm

With castors (one with brake)

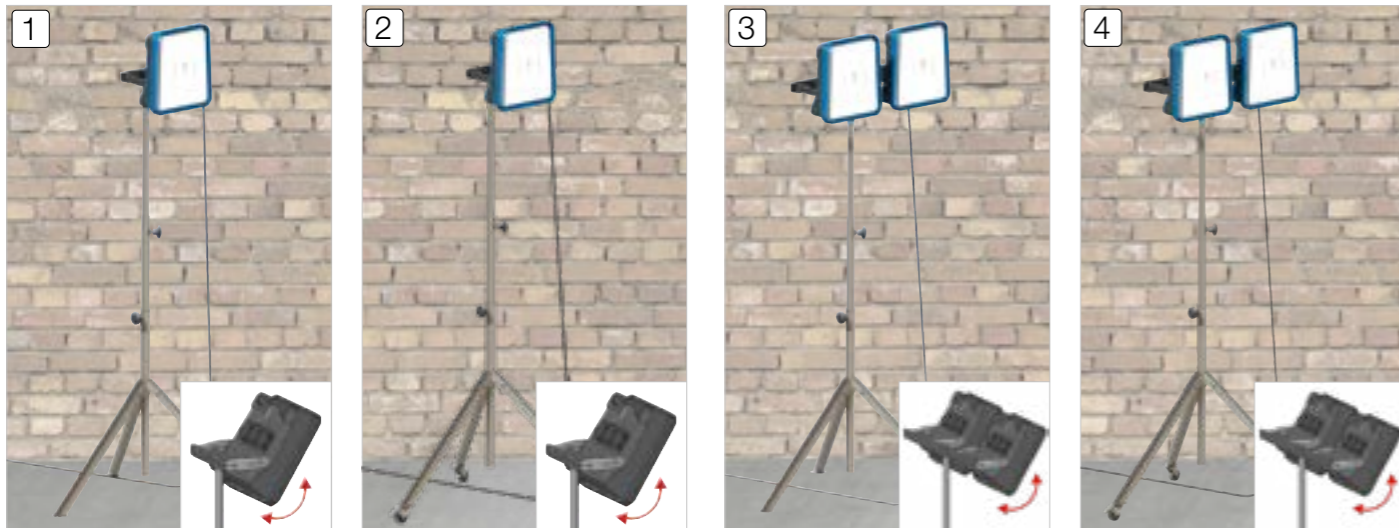
Without castors

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

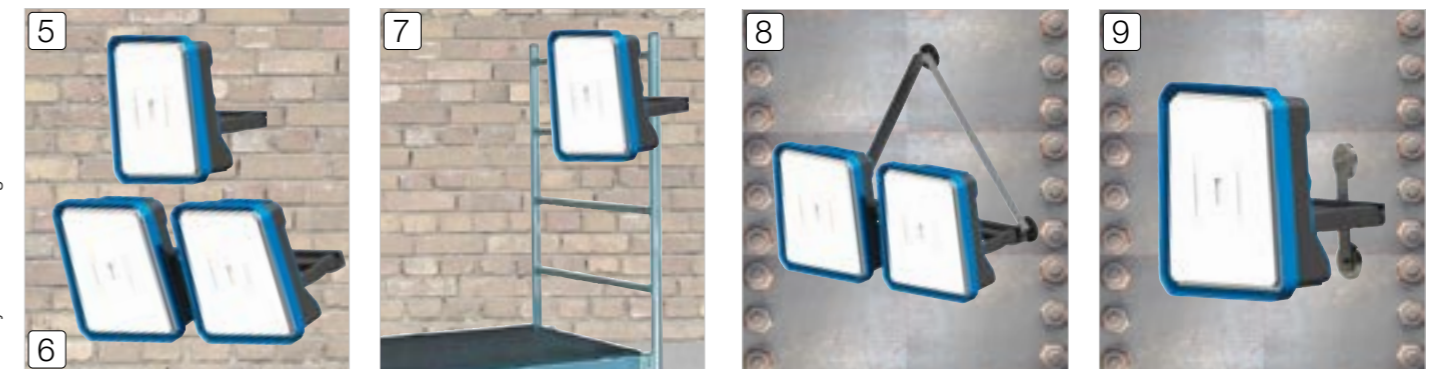
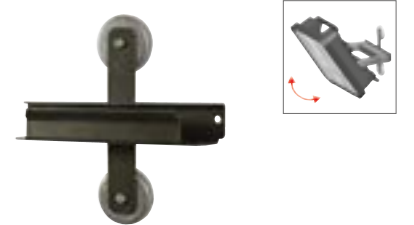
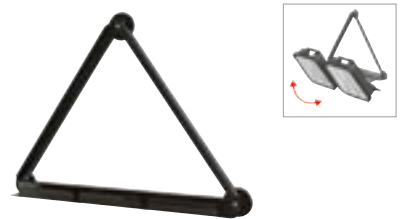
For attachment of 1 or 2 work lights, 3 rubberised magnets,
steel, powder-coated, anthracite metallic

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

Tripod-Set for GLADIATOR SL

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

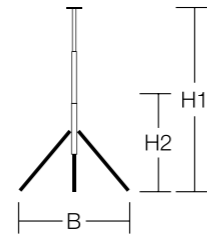
Packed dimensions:
L 1020, B 175, H 155 mm

With castors (one with brake)

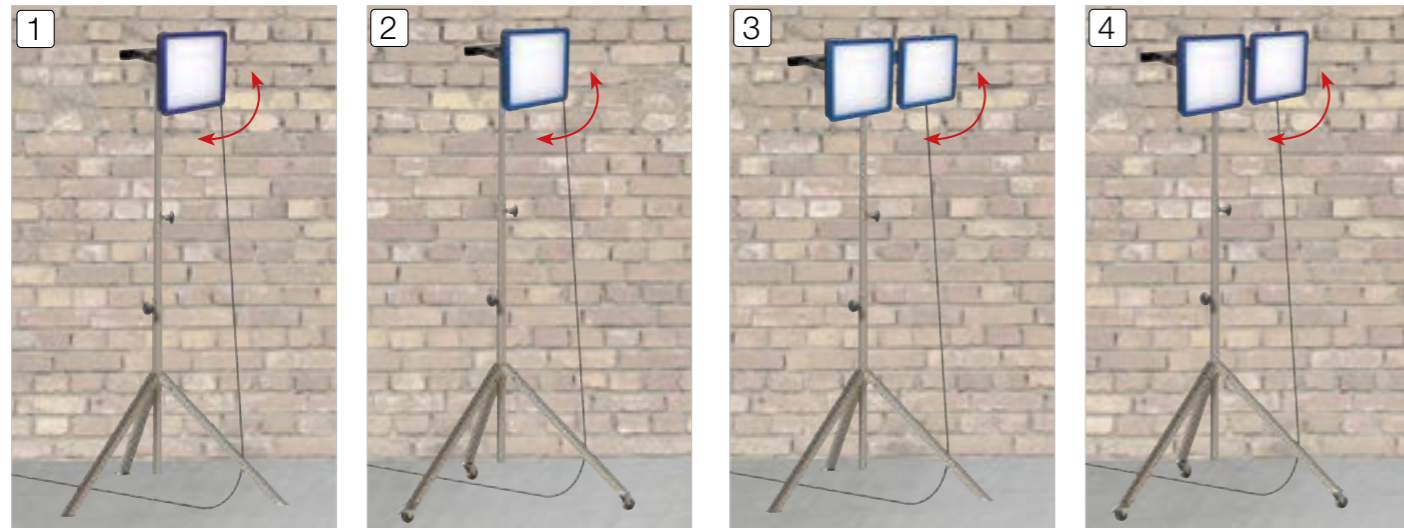
Without castors

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
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1 or 2 work lights GLADIATOR SL I / II

6	95-0269-0001	L 935, B 55, H 43 mm	1,5 kg
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Magnetic holder for GLADIATOR SL I

2 magnets for mounting on handle; rubberized

7	95-0270-0001	D 65 mm, M8x15	0,2 kg
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Magnetic holder for GLADIATOR SL II

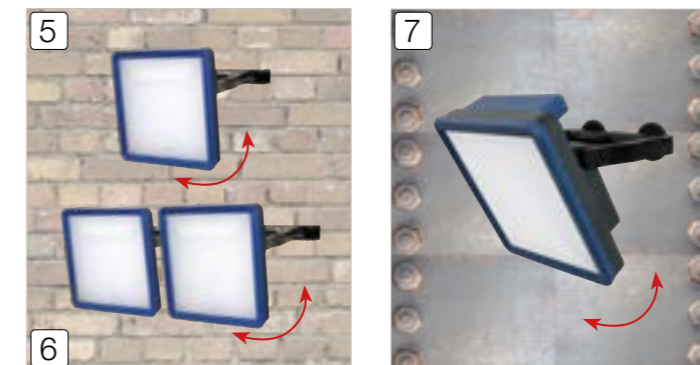
2 magnets for mounting on handle; rubberized

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






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

With castors (one with brake)




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

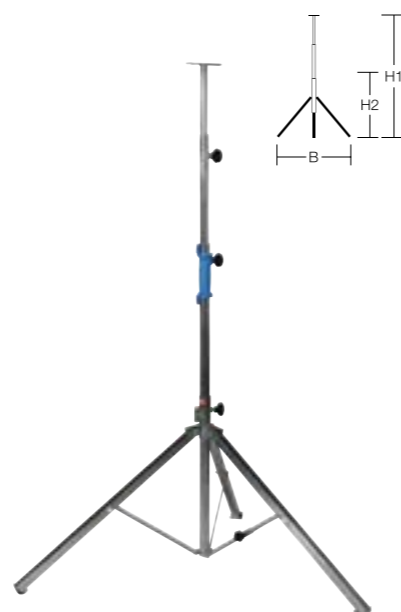


Tripod "Profi"

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 GLADIATOR II




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

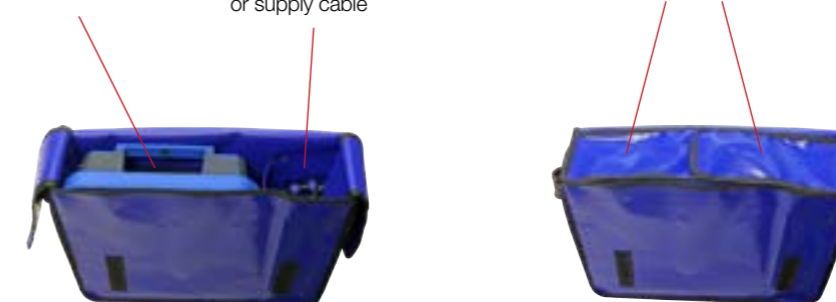
Sturdy truck tarpaulin, blue, reinforced bottom, separate compartment for supply cable, shoulder strap suitable for all work lights series



 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



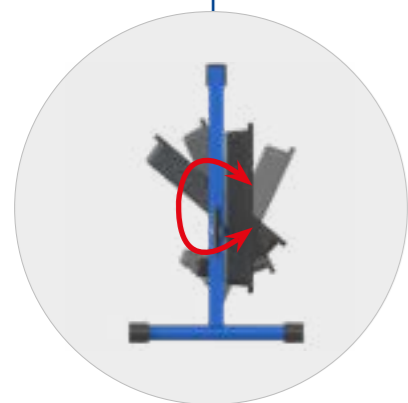


Velcro strap can be used for transport winding of the supply cable and alternatively for suspension

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



Light emission 360° rotatable

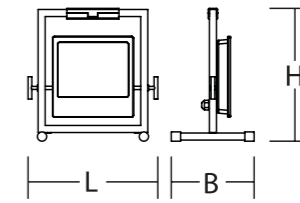


High degree of protection IP 65

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	II	IP 65	E+F	1,7 kg
70-2000-0006				

70-2000-0006	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




E+F



	4.500 lm effective
	5.000 K, Ra ≥ 80 LED panel
	47 W
	3 m, H07RN-F black
	IK06





IP 65 IK07    ≤ 3.600 lm

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

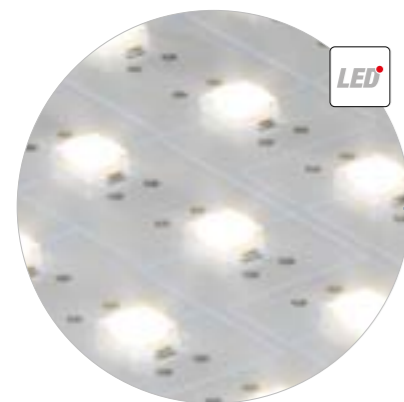
Features



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

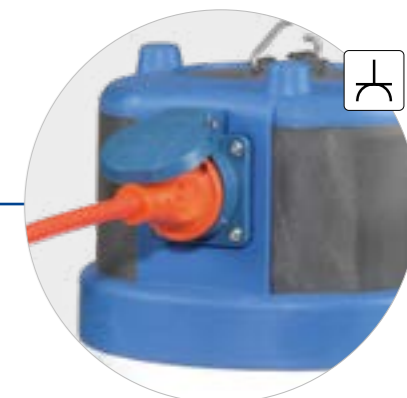


Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24

Environmentally friendly and conserves resources thanks to replaceable components



Without, with 1 or 2 Sockets available

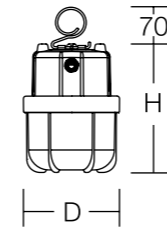


Different connector systems and longer power supply cable on request
Wide range of accessories





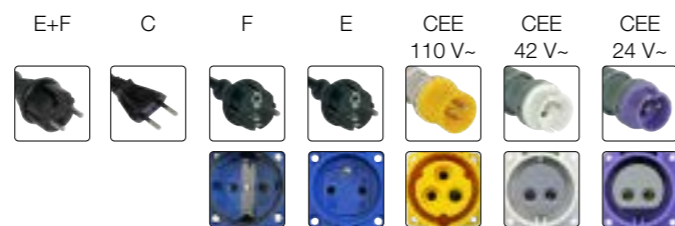
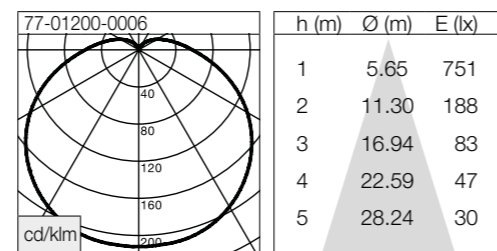
Housing plastic (polycarbonate, edge guard made of soft thermoplastic elastomer TPE), cover plastic opal (polycarbonate), retractable stainless steel mounting hook with safeguard, second cable entry optional (through-wiring option), 5 m power supply cable with mains plug.



D 185, H 230 mm

- Φ_v 3.600 lm effective
- 4.200 lm
5.000 K, Ra ≥ 80
LED panel
- P** 28 W
- 5 m, H07RN-F black
- T** IK07

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



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

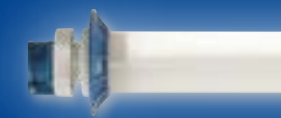
Adapter plate with 3 rubberized magnets for easy attachment to metallic surfaces; steel, powder-coated, anthracite metallic



95-0205-0022 0,46 kg



Tube lights



Tube lights

72



Tube lights
FARM

76



IP 67 IK08   ≤ 1.200 - 7.400 lm

Tube lights

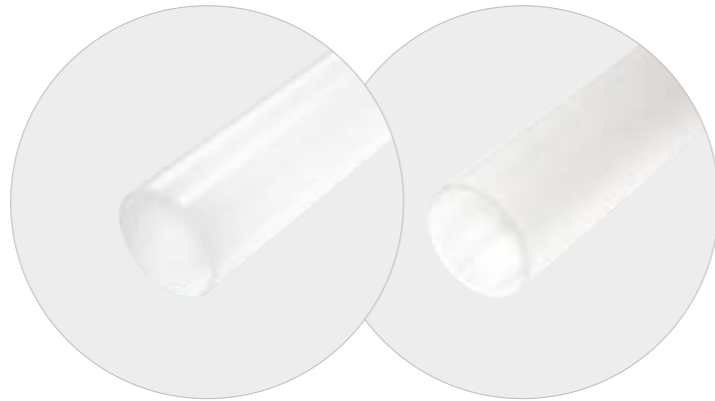


Our protective tube lights are notable for their latest LED technology with high luminous flux provided by a shock-resistant, low-glare opal tube. The tubes' new end caps allow for extremely easy maintenance. And, what's more, a wide range of accessories for mobile use or fixed installation is available.

- 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

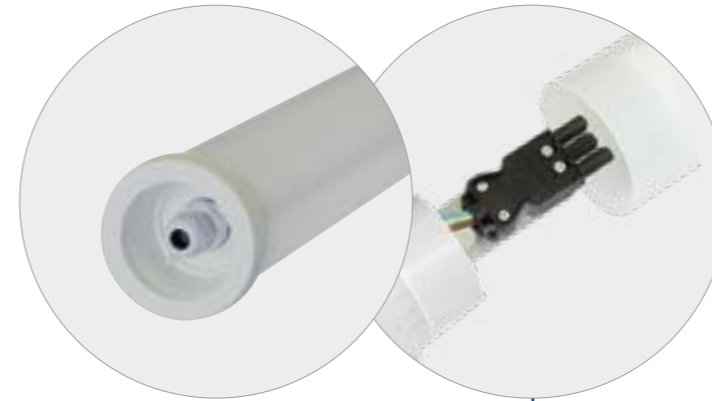


For mobile use, including power supply cable with mains plug, protectors and optional socket outlet

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



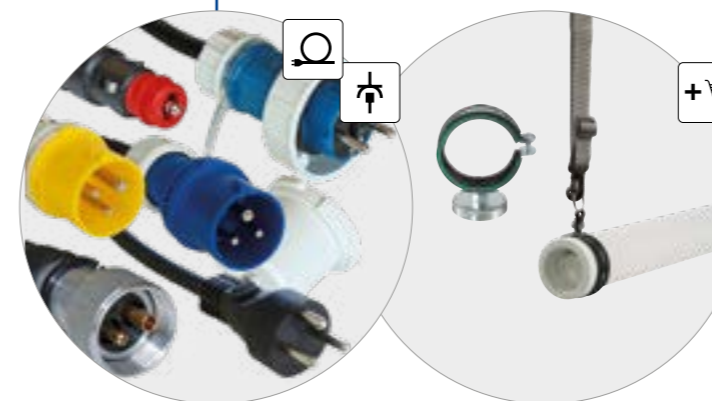
Pressure compensating valve against the formation of condensation water in the luminaire

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



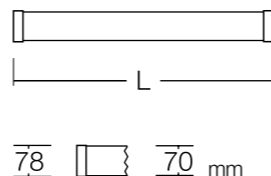
Emergency light function



Tube lights



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



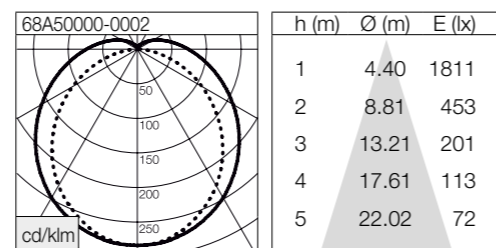
1.200 lm	12 W
2.600 lm	23 W
3.900 lm	33 W
5.300 lm	45 W
6.600 lm	55 W

5.000 K*, Ra ≥ 80
..... LED panel

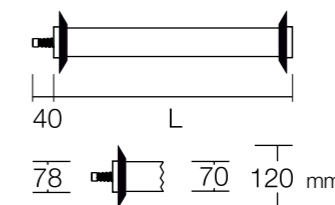
..... IK08

*3.000 K / 4.000 K - on request

	P	↔	⊕	☔	⚡	⚙	⚖
230 V, 50-60 Hz							
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							
12 - 45 W: available on request							
24 V, 50-60 Hz							
12 - 45 W: available on request							

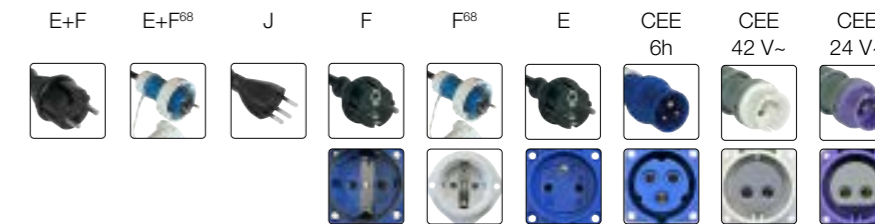
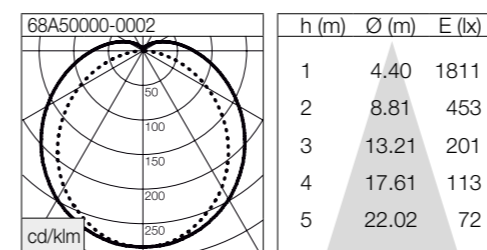


Protective tube plastic opal (polycarbonate), end caps plastic (grey/polyamide), integrated electronic driver, 2 protectors (blue), 5 m power supply cable with mains plug.



	P	⚡	⚡	⊕	☔	⚡	⚙	⚖
230 V, 50-60 Hz								
68A10000-0062	12 W	-		I	IP 67	E+F	405	1,8 kg
68A10100-0062	12 W	1		I	IP 54	F	470	1,9 kg
68A20000-0062	23 W	-		I	IP 67	E+F	685	2,4 kg
68A20100-0062	23 W	1		I	IP 54	F	750	2,5 kg
68A30000-0062	33 W	-		I	IP 67	E+F	965	3,0 kg
68A30100-0062	33 W	1		I	IP 54	F	1.030	3,1 kg
68A30100-0062.NL	24 W	1	✓	I	IP 54	F	1.030	3,5 kg
68A40000-0062	45 W	-		I	IP 67	E+F	1.245	3,3 kg
68A40100-0062	45 W	1		I	IP 54	F	1.310	3,4 kg
68A50000-0062	55 W	-		I	IP 67	E+F	1.530	3,7 kg
68A50100-0062	55 W	1		I	IP 54	F	1.595	3,8 kg
68Ax0001-0062*	-			I	IP 67	E+F ⁶⁸		
68Ax0101-0062*	1			I	IP 67	F ⁶⁸		
68Ax00CH-0062*	-			I	IP 67	J		
68Ax01B0-0062*	1			I	IP 54	E		
68Ax0006-0062*	-			I	IP 67	CEE 6h		
68Ax0106-0062*	1			I	IP 44	CEE 6h		
42 V, 50-60 Hz								
68Ax6060-0062*	-			III	IP 67	CEE		
68Ax6160-0062*	1			III	IP 44	CEE		
12 - 46 W: available on request								
24 V, 50-60 Hz								
68Ax5050-0062*	-			III	IP 67	CEE		
68Ax5150-0062*	1			III	IP 44	CEE		
12 - 46 W: available on request								

*x: 1 = 12 W, 2 = 23 W, 3 = 33 W, 4 = 46 W, 5 = 56 W



Tube lights



12 W	1.200 lm
23 W	2.600 lm
24 W	3.000 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

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

..... ≤ 800 lm, ≤ 120 min


..... 24 h

..... IK08

*3.000 K / 4.000 K - on request

Mounting bracket (plastic)

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

 68Z00001

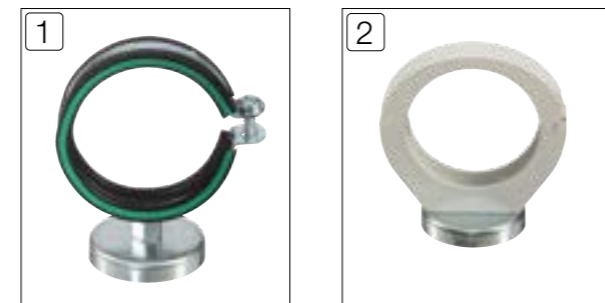


Mounting bracket

Mounting bracket (plastic or metal) with magnet;
Set (2 pieces)

 68Z00002

 68Z00003



Mounting bracket (metal)

Mounting bracket (metal) with hanger
assembly of stainless steel

 68Z00004 Set (2 pieces)

 + .M Mounted on the luminaire*

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



Mounting bracket (metal)

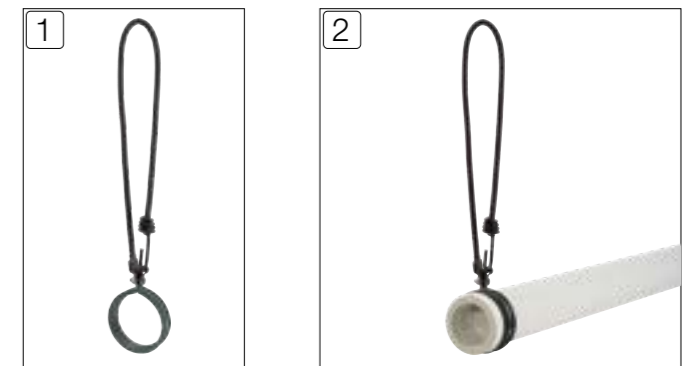
Mounting bracket (metal) with
expander suspension (L 600 mm)*

 68Z00006 Set (2 pieces)

 + .E Mounted on the luminaire**

*Other lengths - on request

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



Mounting bracket (metal)

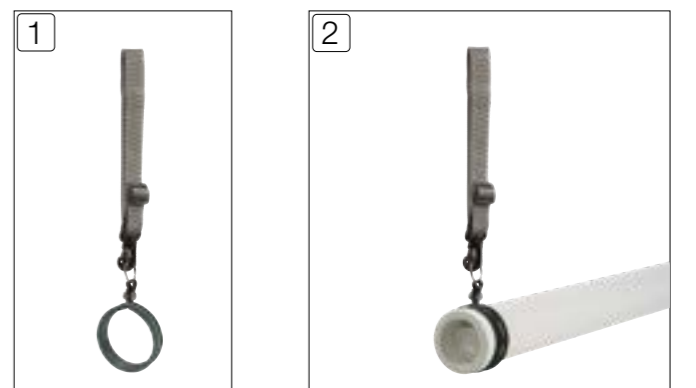
Mounting bracket (metal) with belt
suspension (L 330 - 550 mm)*

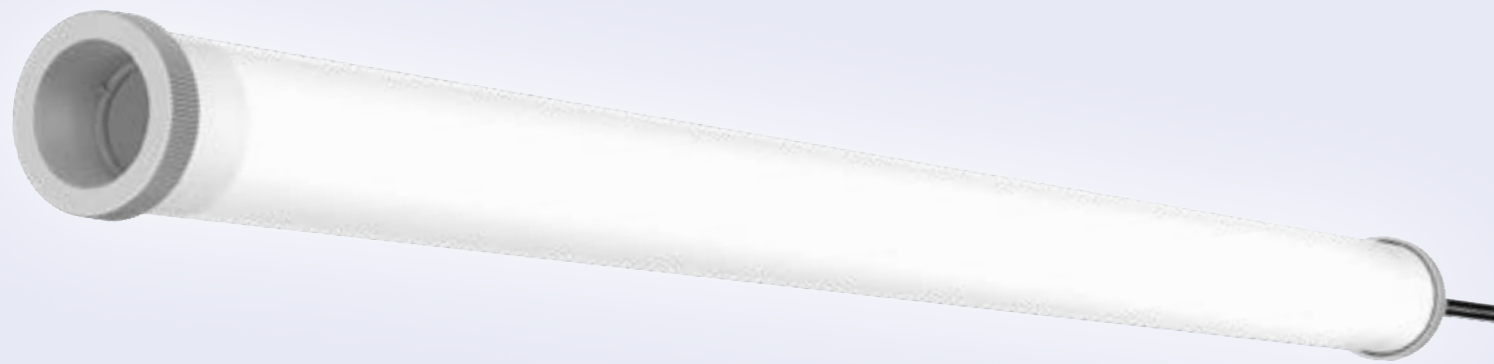
 68Z00005 Set (2 pieces)

 + .G Mounted on the luminaire**

*Other lengths - on request

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





IP 67
IK08

NH₃ resistant
≤ 2.900 - 7.400 lm

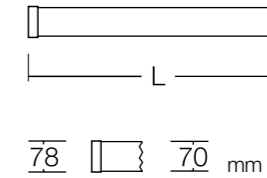
Tube lights FARM

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)
- 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.



Tube lights FARM



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

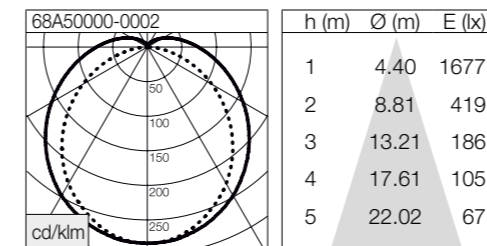
23 W	2.900 lm
33 W	4.400 lm
45 W	5.900 lm
55 W	7.400 lm

4.000 K*, Ra ≥ 80 LED panel

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

IK08

*3.000 K / 4.000 K - on request



Large area lighting

Tube lights



POWERTUBE II

81



POWERDISK

93

NEW



POWERCASE

105



THORIX

117

NEW



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.

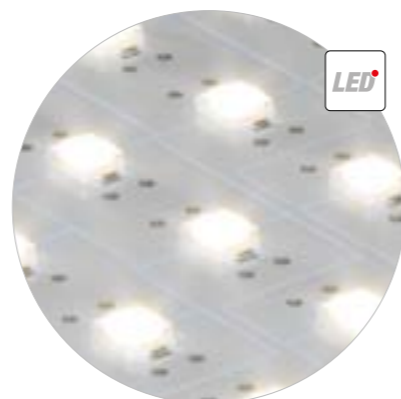
- Quick mounting and dismounting without cooling-down time
- Harmonious, glare-reduced illumination thanks to opal diffuser and SMD LED panels
- Maintenance-free (passive cooling)
- Suitable for wind loads up to 150 km/h thanks to cylindrical shape and reinforced tripod adapter
- Easy tripod connection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



POWERTUBE II

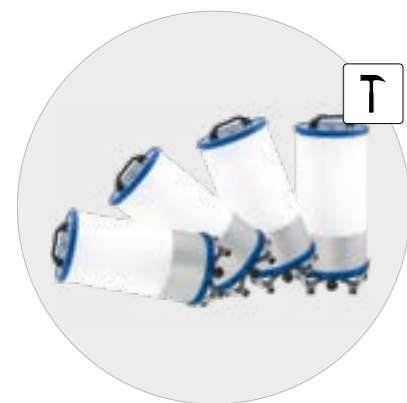
Features

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



LED panel with high efficiency SMD-LEDs
140 lm / W

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)

Environmentally friendly and conserves resources thanks to replaceable components



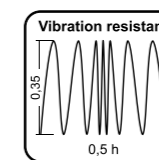
High degree of protection IP 65



Integrated handle

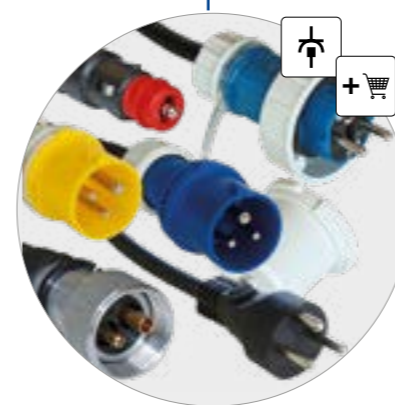


DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529



VIBRATION RESISTANT
as per
DIN EN 60598-1

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



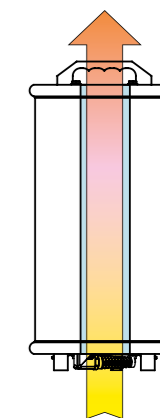
Integrated tripod mount for DIN pin (30 mm / DIN 14640)

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

Safe, stable stand due to rubber feet

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.



Versions with Casambi Bluetooth® control for wireless networking available

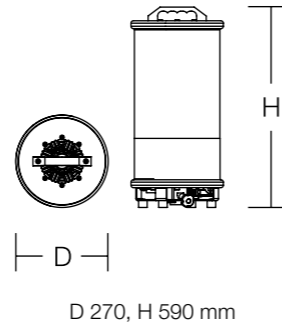
Changeover switch (OFF, 100%, 50%, and continuously dimmable)





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.



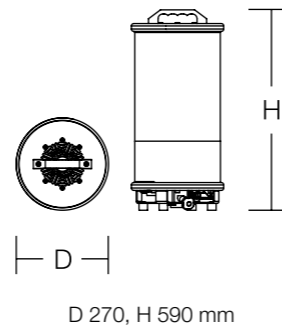
- 9.500 lm effective
- 12.750 lm
5.000 K, Ra ≥ 80
8 x LED panel
- 5 m, H07RN-F black
- IK08

Shopping cart icon	P	Power icon	Grounding icon	Water icon	Light icon	Weight icon
230 V, 50-60 Hz						
73P01000-0006.E	95 W	✓	II	IP 65	E+F	9,4 kg
73P01001-0006.E	95 W	✓	II	IP 65	E+F ⁶⁸	9,7 kg
73P010CH-0006.E	95 W	✓	II	IP 65	C	9,4 kg
42 V, 50-60 Hz						
73P61060-0006.E	91 W	✓	III	IP 65	CEE	9,4 kg
24 V, 50-60 Hz						
73P51050-0006.E	91 W	✓	III	IP 65	CEE	9,4 kg



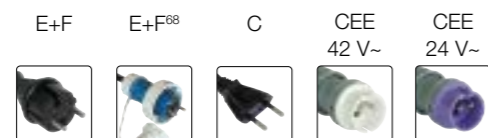
POWERTUBE II M

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



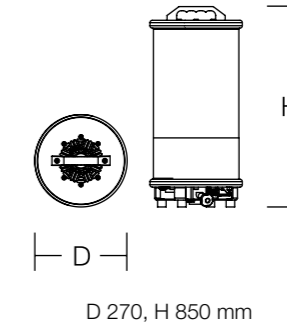
- 20.000 lm effective
- 28.100 lm
5.000 K, Ra ≥ 80
8 x LED panel
- 5 m, H07RN-F / 7,5 m, H07BQ-F black / yellow
- IK08

Shopping cart icon	P	Dimmer icon	Power icon	Grounding icon	Water icon	Light icon	Weight icon
230 V, 50-60 Hz							
73P01000-0006	200 W	-	✓	II	IP 65	E+F	9,7 kg
73P01001-0006	200 W	-	✓	II	IP 65	E+F ⁶⁸	10,0 kg
73P010CH-0006	200 W	-	✓	II	IP 65	C	9,7 kg
230 V, 0 / 50 / 60 Hz							
73P01000-0006.P	200 W	1 ... 100%	-	II	IP 65	E+F	10,2 kg
73P01001-0006.P	200 W	1 ... 100%	-	II	IP 65	E+F ⁶⁸	10,4 kg

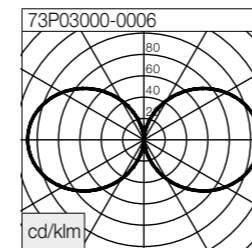


POWERTUBE II L

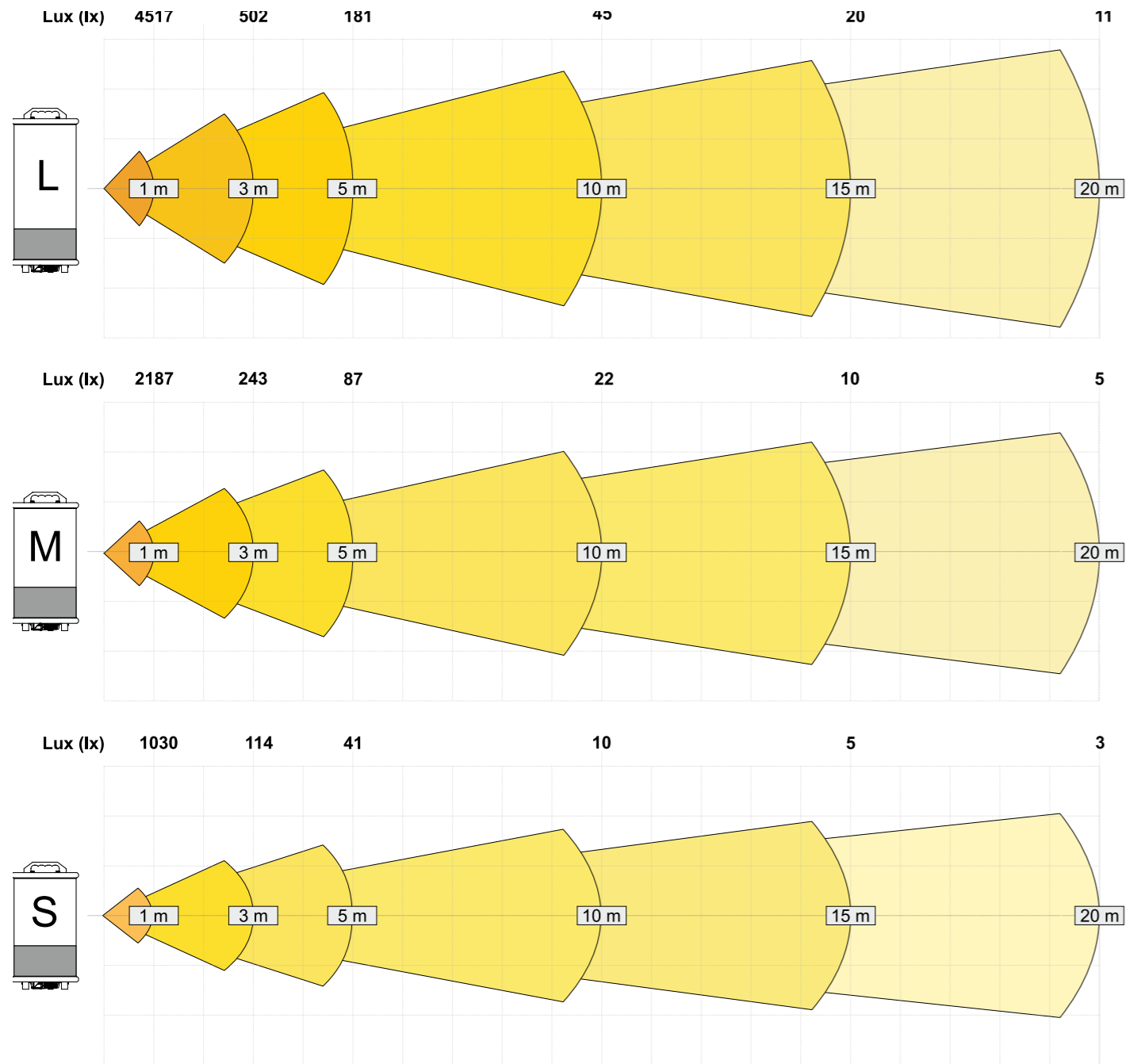
Protective tube plastic (polycarbonate, satin), edge protection (silicone rubber, blue), housing cover and base aluminium, 5 m power supply cable with mains plug, incl. carrier bag. Dimmable version: with push-button (I / O and dimmable 1 - 100%), 7.5 m supply cable H07BQ-F yellow, incl. mains plug and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



Shopping cart icon	Phi symbol icon	P	Dimmer icon	Power icon	Grounding icon	Water icon	Light icon	Weight icon
230 V, 50-60 Hz								
73P03000-0006	41.500 lm	400 W	-	✓	II	IP 65	E+F	13,4 kg
73P03001-0006	41.500 lm	400 W	-	✓	II	IP 65	E+F ⁶⁸	13,7 kg
73P030CH-0006	41.500 lm	400 W	-	✓	II	IP 65	C	13,4 kg
230 V, 0 / 50 / 60 Hz								
73P03000-0006.P	41.500 lm	400 W	1 ... 100%	-	II	IP 65	E+F	14,0 kg
73P03001-0006.P	41.500 lm	400 W	1 ... 100%	-	II	IP 65	E+F ⁶⁸	14,1 kg
42 V, 50-60 Hz								
73P63060-0006.E	19.100 lm	180 W	-	✓	III	IP 65	CEE	13,99 kg
24 V, 50-60 Hz								
73P53050-0006.E	19.100 lm	180 W	-	✓	III	IP 65	CEE	13,99 kg



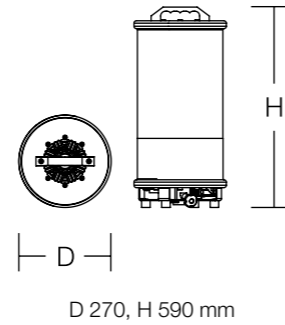
- 41.500 lm | 19.100 lm effective
- 55.450 lm | 25.250 lm
5.000 K, Ra ≥ 80
16 x LED panel
- 5 m, H07RN-F / 7,5 m, H07BQ-F black / yellow
- IK08





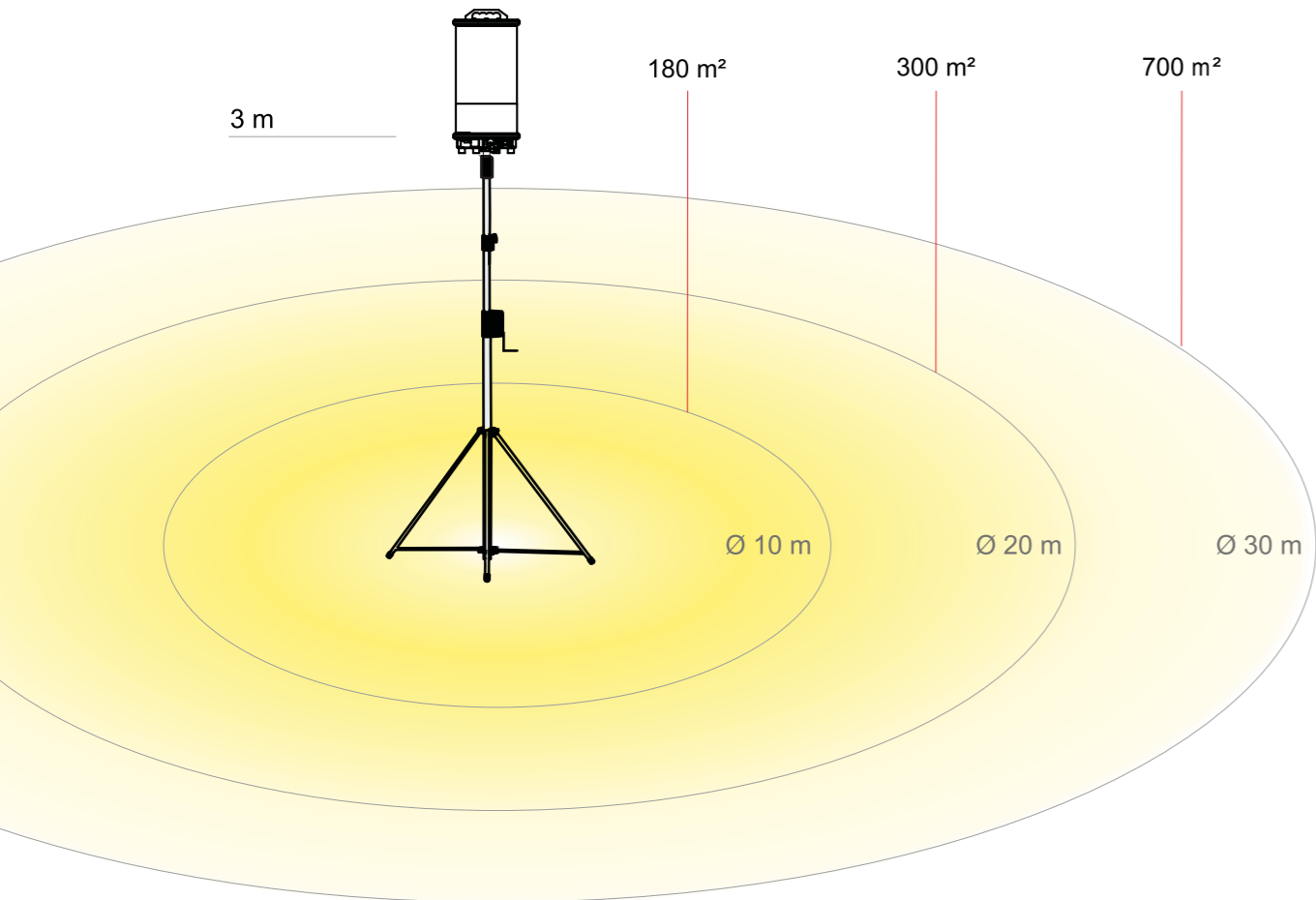
POWERTUBE II M SC

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.



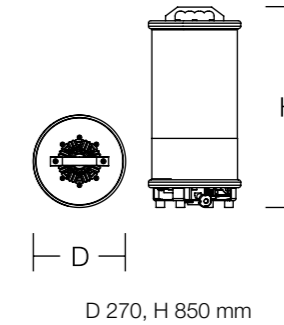
- 20.000 lm effective
- 28.100 lm
5.000 K, Ra ≥ 80
LED panel
- 5 m, H07BQ-F
yellow
- IK08

		P				
230 V, 50 - 60 Hz						
73P01000-0006.PB	8 x LED	200 W	1 ... 100%	II	IP 65	E+F 9,6 kg
73P01001-0006.PB	8 x LED	200 W	1 ... 100%	II	IP 65	E+F ⁶⁸ 9,8 kg

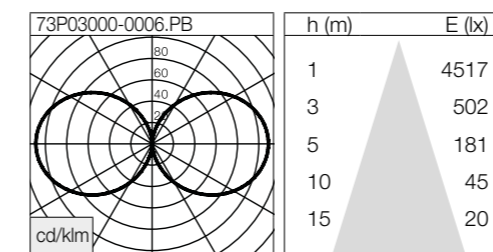


POWERTUBE II L SC

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.



		P				
230 V, 50 - 60 Hz						
73P03000-0006.PB	16 x LED	400 W	1 ... 100%	II	IP 65	E+F 13,4 kg
73P03001-0006.PB	16 x LED	400 W	1 ... 100%	II	IP 65	E+F ⁶⁸ 13,5 kg



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

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)



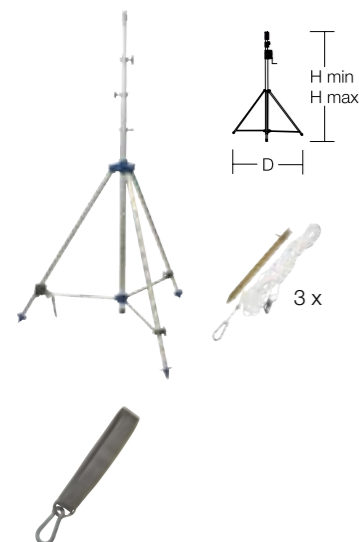
95-0266-0001 0,43 kg



Bracing set

3 x rope cord and peg

95-0267-0001 1,1 kg



Tripod "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

Belt strap incl. snap hook

For suspended mounting of POWERTUBE II



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





POWERDISK

Mobile large area light

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

- Quick one-man installation
- Maintenance-free (passive cooling)
- Suitable for wind loads up to 150 km/h
- Robust, impact-resistant construction
- Anti-glare illumination thanks to opal cover
- 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



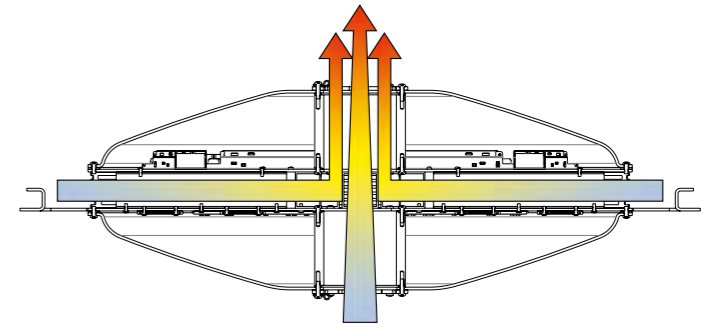
Impact-resistant and break-proof housing



High degree of protection IP 65



Environmentally friendly and conserves resources thanks to replaceable components



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.



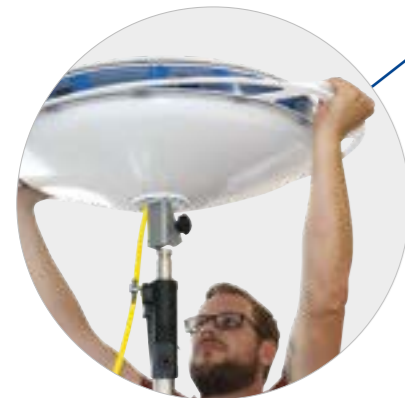
Versions with Casambi Bluetooth® control for wireless networking available



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



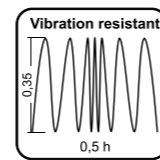
Integrated handle



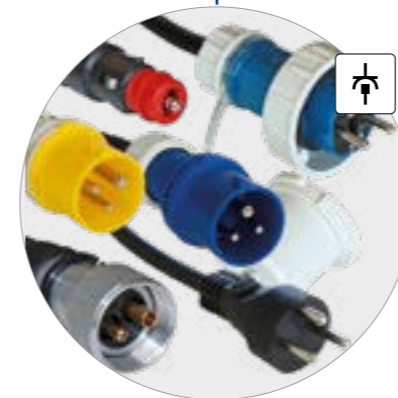
Quick one-person installation



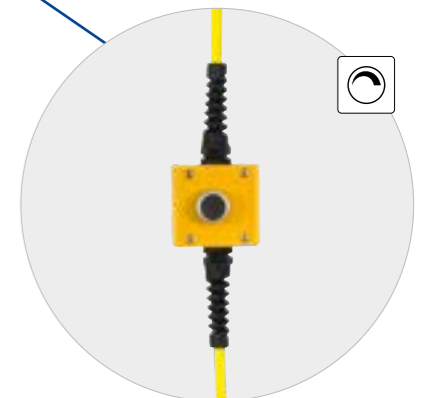
DUSTPROOF
as per
DIN EN 60598-1
DIN EN 60529



VIBRATION STABILITY
as per
DIN EN 60598-1



Different connector systems and longer power supply cable on request

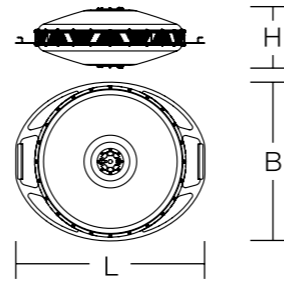


Dimmable version with push button switchable (I / 0, 1 ... 100%)

POWERDISK



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

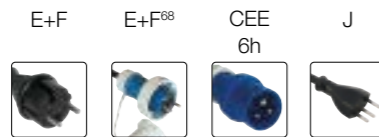


L 750, B 630, H 250 mm

- Φ_v 52.000 lm effective
- 5.000 K*, Ra ≥ 85
..... 24 x COB-LED
- 10 m, H07BQ-F
..... yellow
- IK10

*3.000 K / 4.000 K - on request

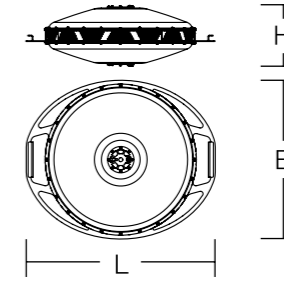
230 V, 50-60 Hz							
Shopping Cart	P	Circle	Ground	Water	Lightning	Plug	Weight
80P01000-0006	400 W	1 ... 100%	I	IP 65	E+F	15,7 kg	
80P02000-0006	400 W	-	I	IP 65	E+F	14,8 kg	
80P01001-0006	400 W	1 ... 100%	I	IP 65	E+F ⁶⁸	15,7 kg	
80P02001-0006	400 W	-	I	IP 65	E+F ⁶⁸	14,8 kg	
80P01006-0006	400 W	1 ... 100%	I	IP 65	CEE 6h	15,7 kg	
80P02006-0006	400 W	-	I	IP 65	CEE 6h	14,8 kg	
80P010CH-0006	400 W	1 ... 100%	I	IP 65	J	15,7 kg	
80P020CH-0006	400 W	-	I	IP 65	J	14,8 kg	



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



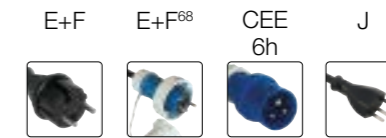
Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot 30 mm DIN 14640).



L 750, B 630, H 250 mm

230 V, 50-60 Hz							
Shopping Cart	P	Circle	Ground	Water	Lightning	Plug	Weight
80P01000-0006.B	400 W	1 ... 100%	I	IP 65	E+F	15,6 kg	
80P01001-0006.B	400 W	1 ... 100%	I	IP 65	E+F ⁶⁸	15,6 kg	
80P01006-0006.B	400 W	1 ... 100%	I	IP 65	CEE 6h	15,6 kg	
80P010CH-0006.B	400 W	1 ... 100%	I	IP 65	J	15,6 kg	

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

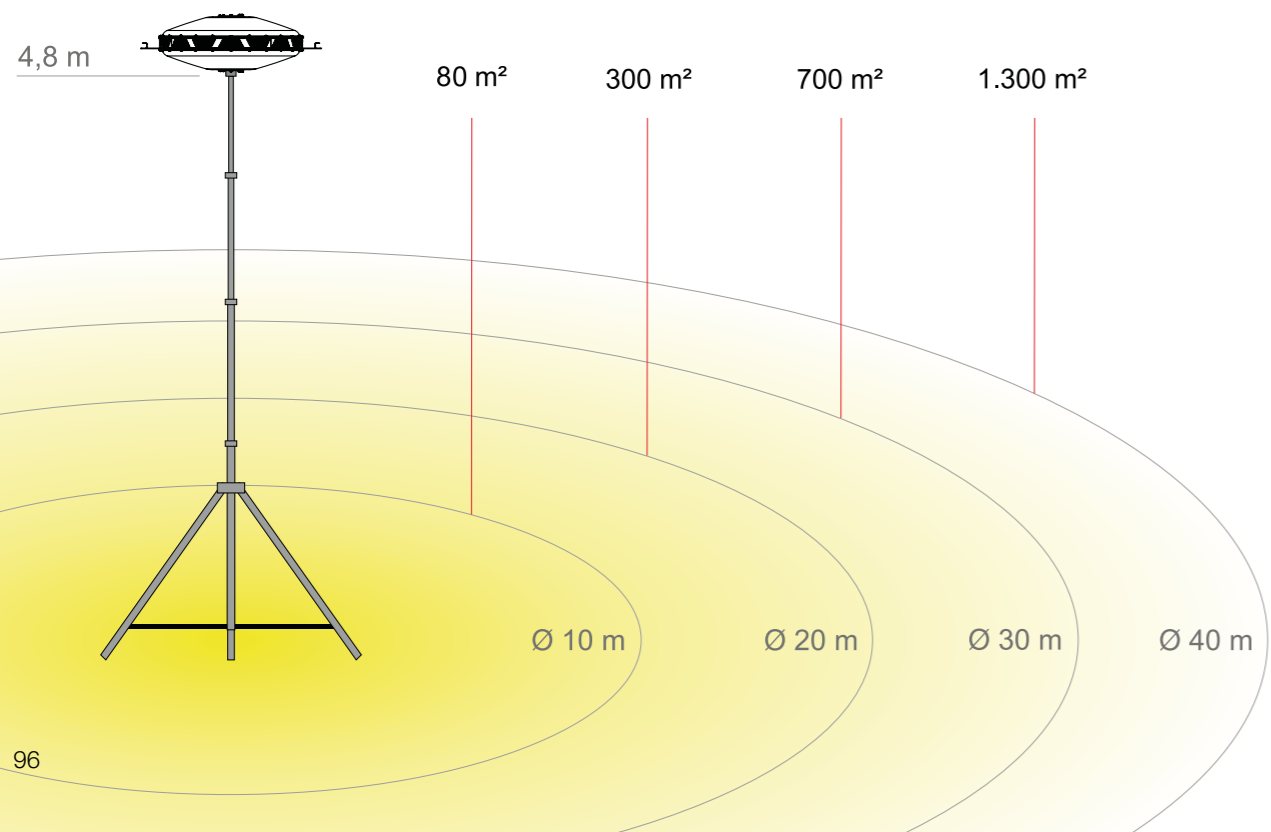


POWERDISK SC



- 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



Smart Control

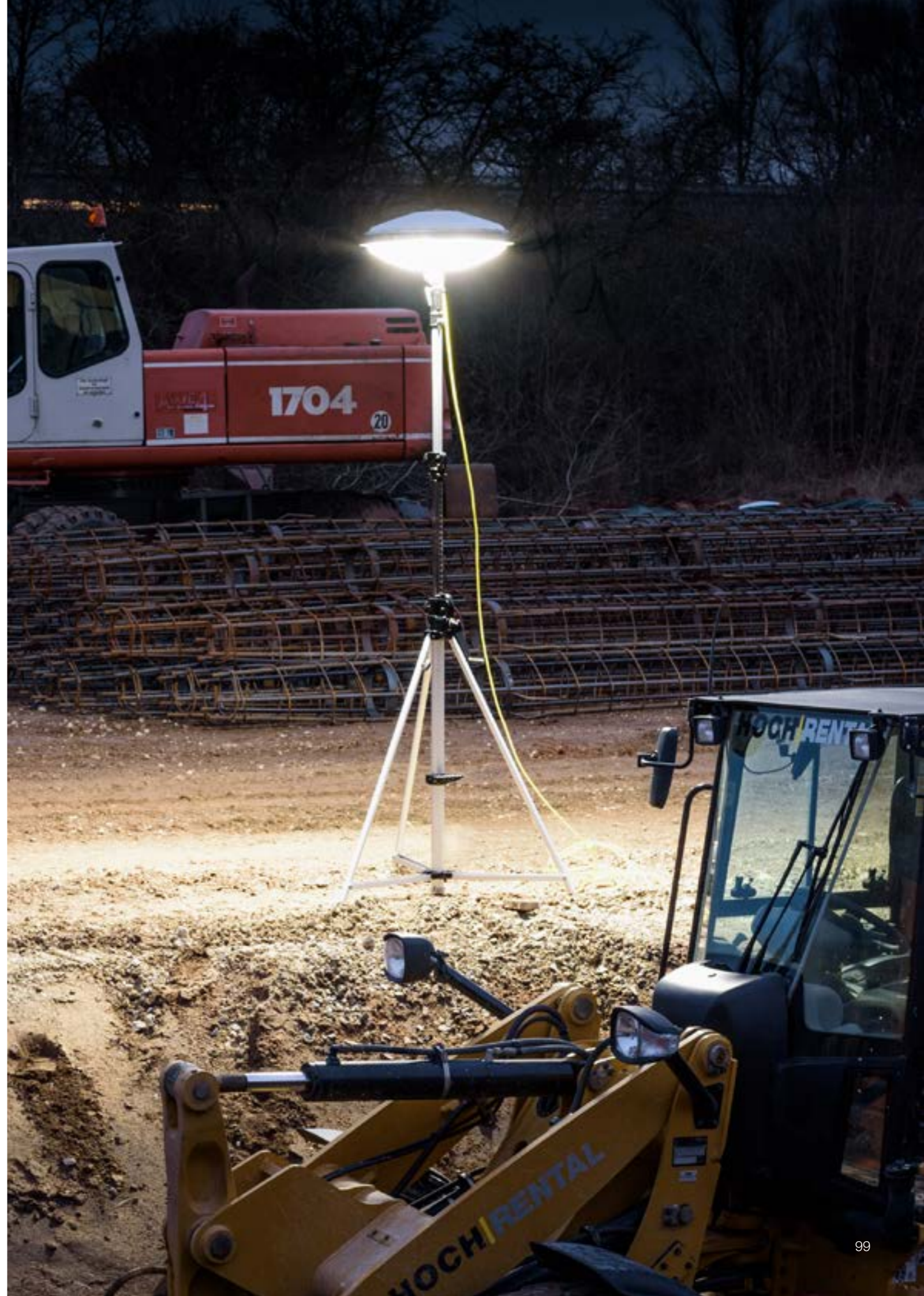
Smart Control stands for the intelligent remote control of our luminaires via mobile app from a mobile phone or tablet. It doesn't matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires - even existing ones - can be controlled together with an integrated „Casambi“ 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.







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)



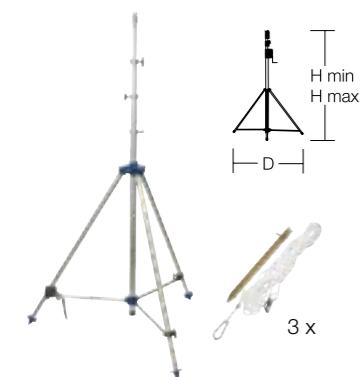
95-0266-0001 0,43 kg



Bracing set

3 x rope cord and peg

95-0267-0001 1,1 kg



Tripod "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

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





**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
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Adapter for suspended mounting

Ø 17 mm

95-0255-0014	L 70, B 65, H 72 mm	0,12 kg
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**Carrier bag
for "POWERDISK"**

Handles, shoulder belt and transport rollers

95-0259-0001	L 850, B 240, H 680 mm	6,6 kg
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**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	400 W	✓	I	IP 65	E+F
80P02000-0006S2	400 W	-	I	IP 65	E+F
80P01001-0006S2	400 W	✓	I	IP 65	E+F ⁶⁸
80P02001-0006S2	400 W	-	I	IP 65	E+F ⁶⁸
80P01006-0006S2	400 W	✓	I	IP 65	CEE 6h
80P02006-0006S2	400 W	-	I	IP 65	CEE 6h
80P010CH-0006S2	400 W	✓	I	IP 65	J
80P020CH-0006S2	400 W	-	I	IP 65	J



**Set
„POWERDISK“**

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

	P				
230 V, 50-60 Hz					
80P01000-0006S1	400 W	✓	I	IP 65	E+F
80P02000-0006S1	400 W	-	I	IP 65	E+F
80P01001-0006S1	400 W	✓	I	IP 65	E+F ⁶⁸
80P02001-0006S1	400 W	-	I	IP 65	E+F ⁶⁸
80P01006-0006S1	400 W	✓	I	IP 65	CEE 6h
80P02006-0006S1	400 W	-	I	IP 65	CEE 6h
80P010CH-0006S1	400 W	✓	I	IP 65	J
80P020CH-0006S1	400 W	-	I	IP 65	J



NEW



IP 65
IK08

≤ 100.000 lm

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 100,000 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

Specifications subject to alteration.

POWERCASE L

Features



Unique case design and immediate ready-to-use



High degree of protection IP 65



Environmentally friendly and conserves resources thanks to replaceable components



Versions with Casambi Bluetooth® control for wireless networking available



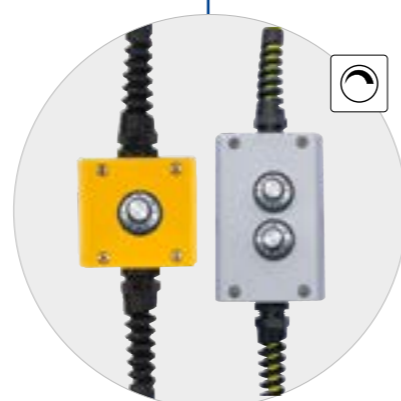
Impact-resistant and break-proof housing



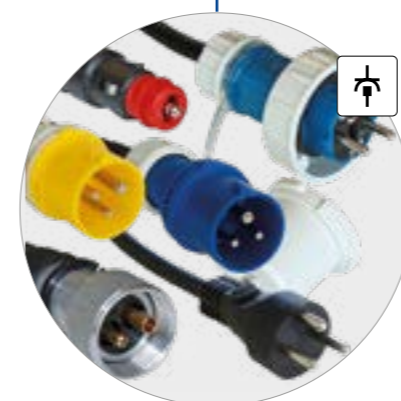
Integrated carry handle



Low heat generation, no cooling phase so immediately portable



Dimmable versions available



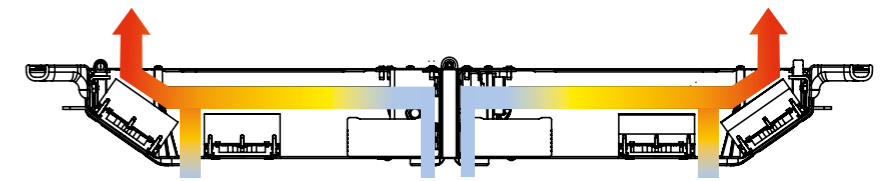
Power cable can be removed/swapped
Alternative plug systems and power cable lengths on request



Protective cover for safe transportation

How passive cooling works

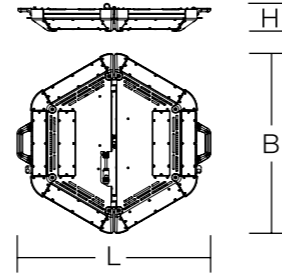
In our passively cooled lighting fixtures, the heat inside the fixture is dissipated via an aluminium element, thus obviating the need for active cooling and rendering the lighting fixtures maintenance-free.



POWERCASE L

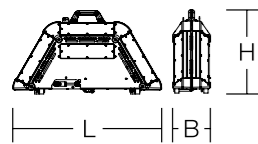


Aluminium / plastic housing, clear polycarbonate cover with lens optics, detachable power supply cable with mains plug and potentiometer, infinitely adjustable, incl. adapter for spigot (DIN 14640 certified) with the possibility of straight or 30° angled assembly, incl. transport cover.



L 949, B 884, H 137 mm

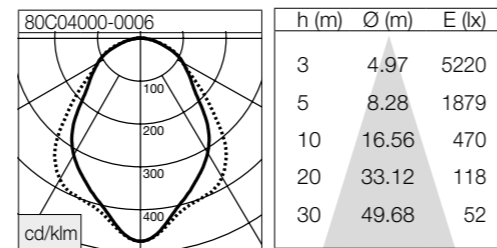
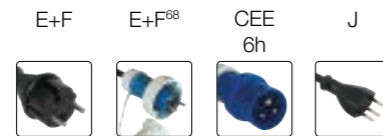
- 100.000 lm effective
- 5.000 K, Ra ≥ 80
8 x LED panel
- 10 m, H07BQ-F
yellow
- IK08



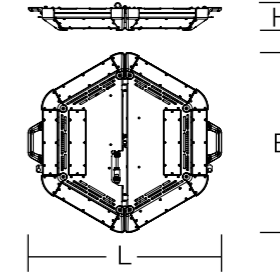
L 884, B 225, H 495 mm

Shopping Cart	P	Circle with arrow	Ground symbol	Water drop	Lightning bolt	Weight
230 V, 50-60 Hz						
80C03000-0006	775 W	-	I	IP 65	E+F	20,4 kg
80C03001-0006	775 W	-	I	IP 65	E+F ⁶⁸	20,4 kg
80C03006-0006	775 W	-	I	IP 65	CEE 6h	20,4 kg
80C030CH-0006	775 W	-	I	IP 65	J	20,4 kg
80C04000-0006	775 W	0 ... 100 %	I	IP 65	E+F	20,4 kg
80C04001-0006	775 W	0 ... 100 %	I	IP 65	E+F ⁶⁸	20,4 kg
80C04006-0006	775 W	0 ... 100 %	I	IP 65	CEE 6h	20,4 kg
80C040CH-0006	775 W	0 ... 100 %	I	IP 65	J	20,4 kg
80C05000-0006	775 W	2 x (0 ... 100 %)*	I	IP 65	E+F	20,4 kg
80C05001-0006	775 W	2 x (0 ... 100 %)*	I	IP 65	E+F ⁶⁸	20,4 kg
80C05006-0006	775 W	2 x (0 ... 100 %)*	I	IP 65	CEE 6h	20,4 kg
80C050CH-0006	775 W	2 x (0 ... 100 %)*	I	IP 65	J	20,4 kg

*separately dimmable



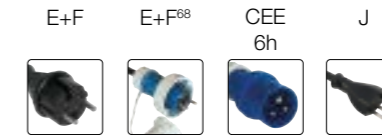
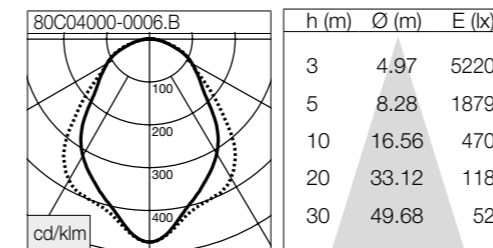
Aluminium / plastic housing, clear polycarbonate cover with lens optics, detachable power supply cable with mains plug and potentiometer, infinitely adjustable, incl. adapter for spigot (DIN 14640 certified) with the possibility of straight or 30° angled assembly, incl. transport cover.



L 949, B 884, H 137 mm

Shopping Cart	P	Circle with arrow	Ground symbol	Water drop	Lightning bolt	Weight
230 V, 50-60 Hz						
80C04000-0006.B	775 W	2 x (0 ... 100 %)*	I	IP 65	E+F	20,4 kg
80C04001-0006.B	775 W	2 x (0 ... 100 %)*	I	IP 65	E+F ⁶⁸	20,4 kg
80C04006-0006.B	775 W	2 x (0 ... 100 %)*	I	IP 65	CEE 6h	20,4 kg
80C040CH-0006.B	775 W	2 x (0 ... 100 %)*	I	IP 65	J	20,4 kg

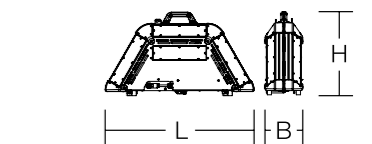
*separately dimmable



POWERCASE L SC



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



L 884, B 225, H 495 mm

Smart Control

Smart Control stands for the intelligent remote control of 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.

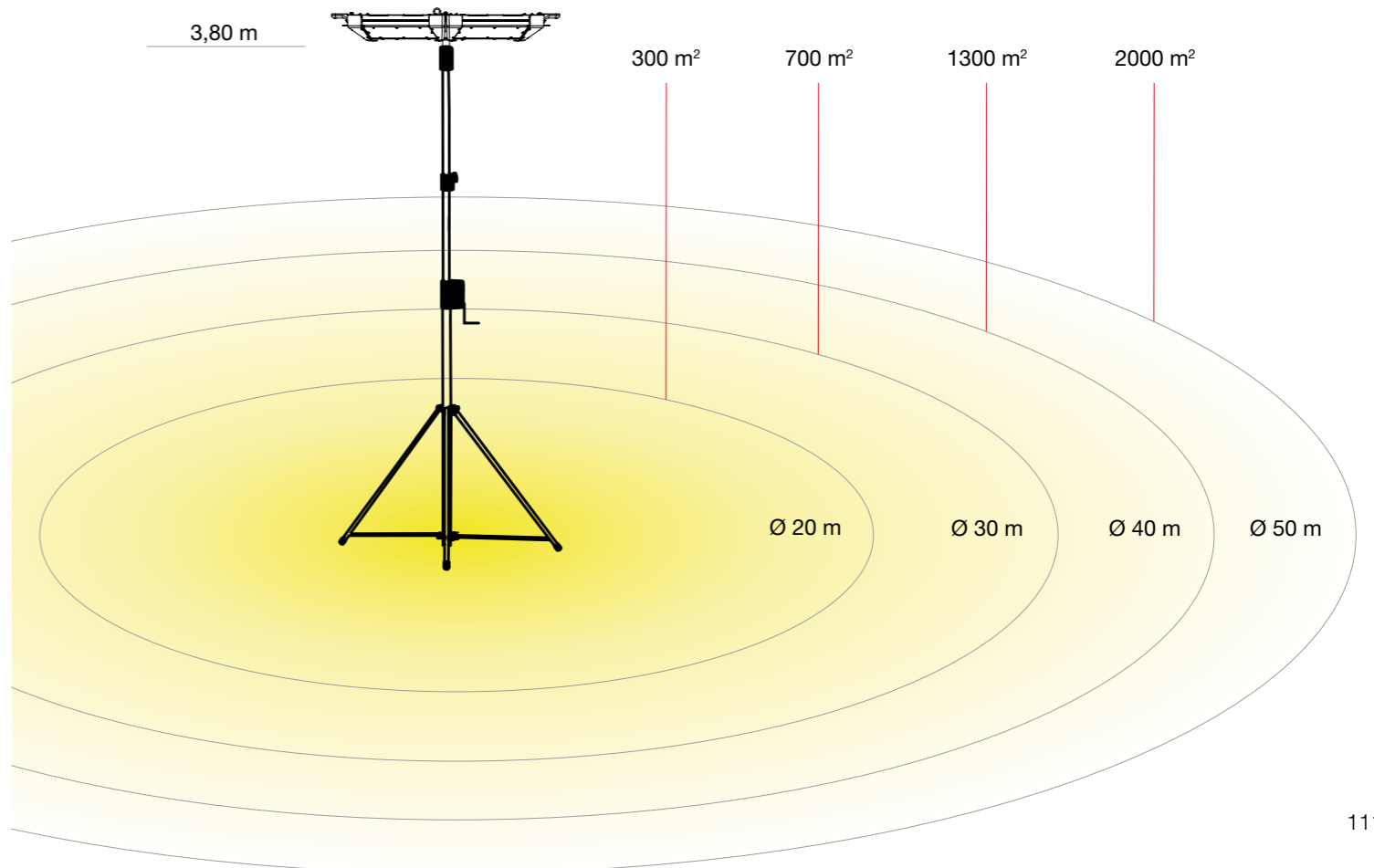
- ON/OFF
- Dimming
- Timer
- Scenes
- Animations

For installation and operation, see page 112.

Specifications subject to alteration.



POWERCASE L



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-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**



CASAMBI USES BLUETOOTH®

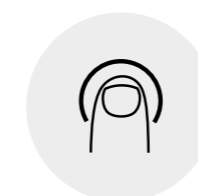
- Established standard - Bluetooth Low Energy
- Autonomous networking of modules
- Redundant radio connections possible through meshing
- Control of several luminaires from one central location
- Formation of luminaire groups, pre-programmed scenarios, etc.
- Up to 127 luminaires in one network
- No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



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.



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



IP 65

IK08

≤ 66.000 - 132.000 lm

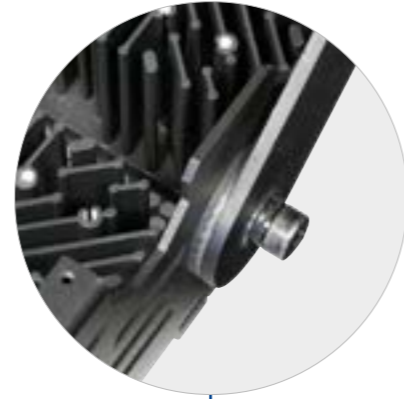
THORIX

LED spotlights

Our THORIX LED spotlight impresses with state-of-the-art LED technology combined with maximum flexibility for a wide range of applications. Due to the different beam angles that can be selected, these luminaires can be used both as large-area lighting and spotlights. This is a great advantage for lighting on cranes and light poles on buildings or in industrial plants.

- 15°, 30°, 60° and 90° light beam angle selectable
- Maintenance-free (passive cooling)
- High degree of protection IP 65
- Robust construction
- Multiple module variants individually configurable





Precise adjustment thanks to fine grating of the holding bracket



Passive, maintenance-free cooling



High degree of protection IP 65



LED panel with individual optics per LED



THORIX (6-Module)

Housing aluminium powder-coated anthracite, frame steel powder-coated anthracite, mounting bracket steel powder-coated anthracite, cover safety glass clear, LED panel, lens optics with beam angle 15°, 30°, 60° or 90°.



L 527, B 336, H 311 mm



Shopping Cart	Beam Angle	P	Ω	Grounding	Waterproof	Weight
100-240 V, 50/60 Hz						
70P16000-0022	15°	480 W	1,0 m	I	IP 65	15,5 kg
70P10600-0022	30°	480 W	1,0 m	I	IP 65	15,5 kg
70P10060-0022	60°	480 W	1,0 m	I	IP 65	15,5 kg
70P10006-0022	90°	480 W	1,0 m	I	IP 65	15,5 kg
70P1XX6-0022	config.*	480 W	1,0 m	I	IP 65	15,5 kg

*config.: Page 122

Φ _v	66.000 lm effective
Lighting	5.000 K, R _a ≥ 70 LED panel
P	480 W
Ω	1 m H07RN-F black
T	IK08

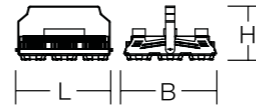
15°			30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
10	3	3472	10	5	1514	10	12	684	10	20	375
15	5	1543	15	8	673	15	17	304	15	30	167
20	6	868	20	10	378	20	23	171	20	39	94
25	8	556	25	13	242	25	29	110	25	49	60
30	9	386	30	16	168	30	35	76	30	59	42





THORIX (9-Module)

Housing aluminium powder-coated anthracite, frame steel powder-coated anthracite, mounting bracket steel powder-coated anthracite, cover safety glass clear, LED panel, lens optics with beam angle 15°, 30°, 60° or 90°.



L 527, B 506, H 342 mm

- Φ_v 99.000 lm effective
- 5.000 K, $R_a \geq 70$ LED panel
- P** 720 W
- 1 m H07RN-F black
- T** IK08

Shopping Cart	α	P				
100-240 V, 50/60 Hz						
70P19000-0022	15°	720 W	1,0 m	I	IP 65	25,2 kg
70P10900-0022	30°	720 W	1,0 m	I	IP 65	25,2 kg
70P10090-0022	60°	720 W	1,0 m	I	IP 65	25,2 kg
70P10009-0022	90°	720 W	1,0 m	I	IP 65	25,2 kg
70P1XXX9-0022	config.*	720 W	1,0 m	I	IP 65	25,2 kg

*config.: Page 122

15°			30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
10	3	5208	10	5	2270	10	12	1025	10	20	563
15	5	2315	15	8	1009	15	17	456	15	30	250
20	6	1302	20	10	568	20	23	256	20	39	141
25	8	833	25	13	363	25	29	164	25	49	90
30	9	579	30	16	252	30	35	114	30	59	63

THORIX (12-Module)

Housing aluminium powder-coated anthracite, frame steel powder-coated anthracite, mounting bracket steel powder-coated anthracite, cover safety glass clear, LED panel, lens optics with beam angle 15°, 30°, 60° or 90°.



L 699, B 506, H 365 mm

Shopping Cart	α	P				
100-240 V, 50/60 Hz						
70P1C000-0022	15°	960 W	1,0 m	I	IP 65	32,5 kg
70P10C00-0022	30°	960 W	1,0 m	I	IP 65	32,5 kg
70P100C0-0022	60°	960 W	1,0 m	I	IP 65	32,5 kg
70P1000C-0022	90°	960 W	1,0 m	I	IP 65	32,5 kg
70P1XXXC-0022	config.*	960 W	1,0 m	I	IP 65	32,5 kg

*config.: Page 122

15°			30°			60°			90°		
h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)	h (m)	Ø (m)	E (lx)
10	3	6978	10	5	3035	10	12	1361	10	20	750
15	5	3101	15	8	1349	15	17	605	15	30	333
20	6	1745	20	10	759	20	23	340	20	39	188
25	8	1117	25	13	486	25	29	218	25	49	120
30	9	775	30	16	337	30	35	151	30	59	83

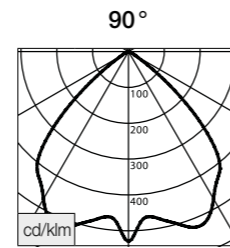
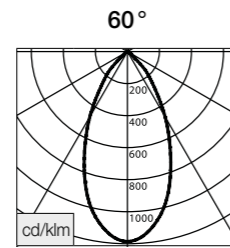
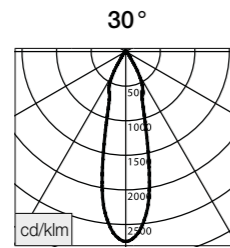
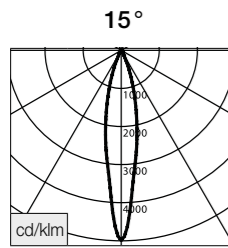


- Φ_v 132.000 lm effective
- 5.000 K, $R_a \geq 70$ LED panel
- P** 960 W
- 1 m H07RN-F black
- T** IK08



4 LIGHT BEAM ANGLES SELECTABLE

CONFIGURATION EXAMPLE - SPOTLIGHT AT A HEIGHT OF 20 M



70P1C000-0022

h (m)	Ø (m)	E (lx)
10	3	6978
15	5	3101
20	6	1745
25	8	1117
30	9	775

70P10C00-0022

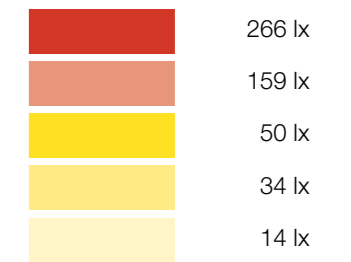
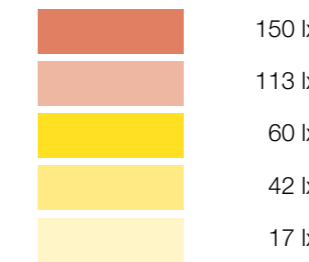
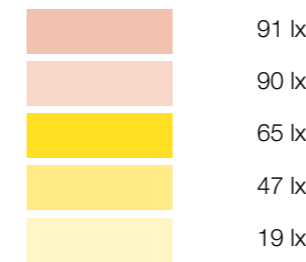
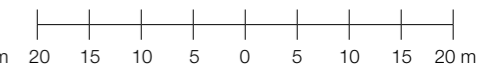
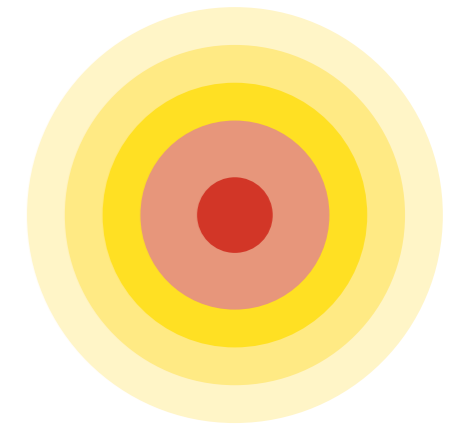
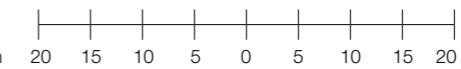
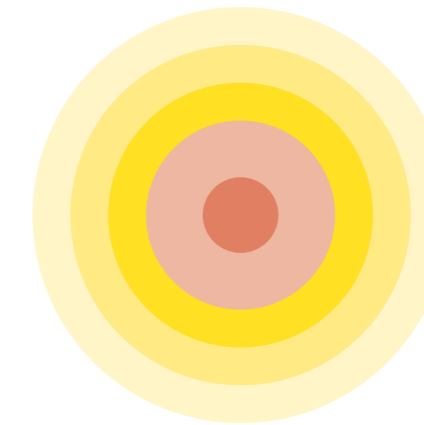
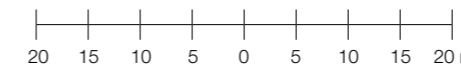
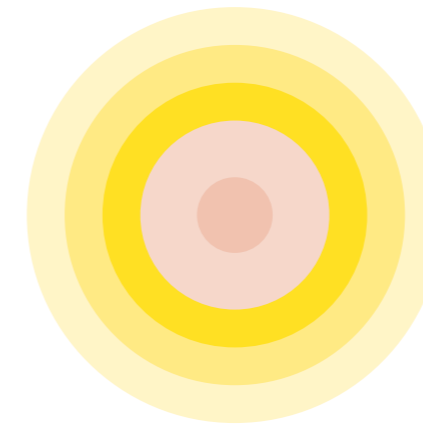
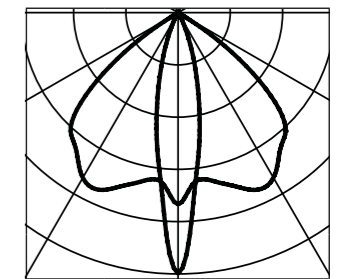
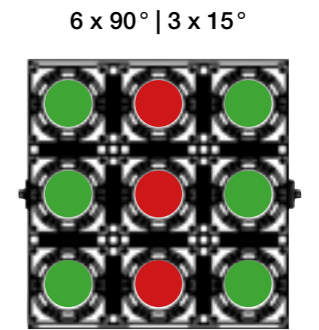
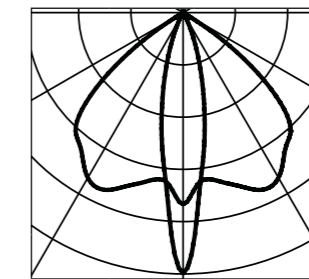
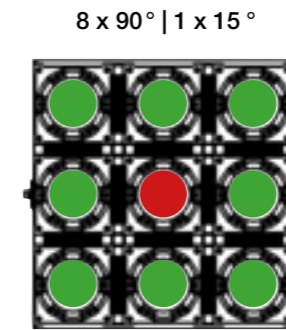
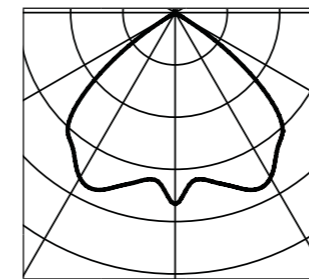
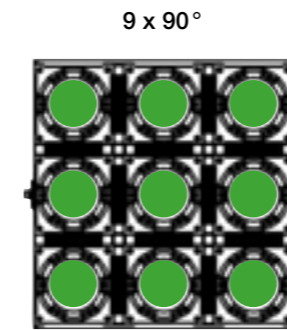
h (m)	Ø (m)	E (lx)
10	5	3035
15	8	1349
20	10	759
25	13	486
30	16	337

70P100C0-0022

h (m)	Ø (m)	E (lx)
10	12	1361
15	17	605
20	23	340
25	29	218
30	35	151

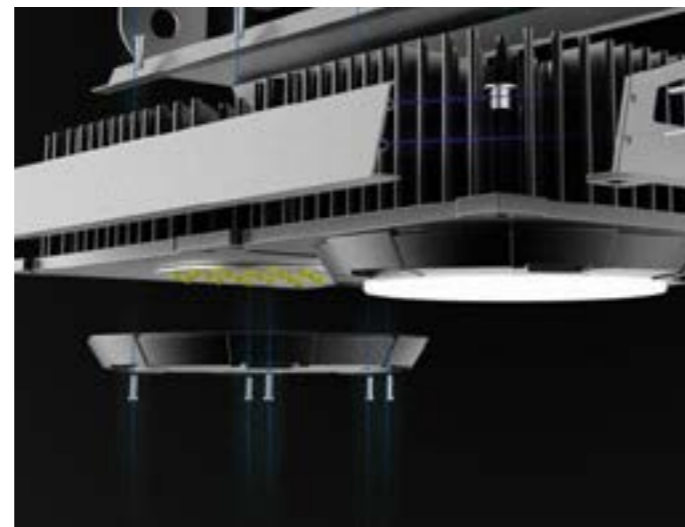
70P1000C-0022

h (m)	Ø (m)	E (lx)
10	20	750
15	30	333
20	39	188
25	49	120
30	59	83




INDIVIDUAL CONFIGURATION

All THORIX spotlights with 6, 9 or 12 LED modules can also be individually configured in addition to a uniform light emission angle. If, for example, you would like lighting for a crane that provides sufficient general lighting for the area on the one hand and stronger illumination of the work area on the other, you can achieve this with different optics for the individual LED modules. To do this, simply download the configuration flyer from our website and create your own personal LED spotlight. If you have any questions about the configuration or would like a lighting calculation, please contact us with confidence.



NEW



IP 66 IK08  ≤ 23.000 / 35.000 lm

THORIX II Flex

LED spotlights

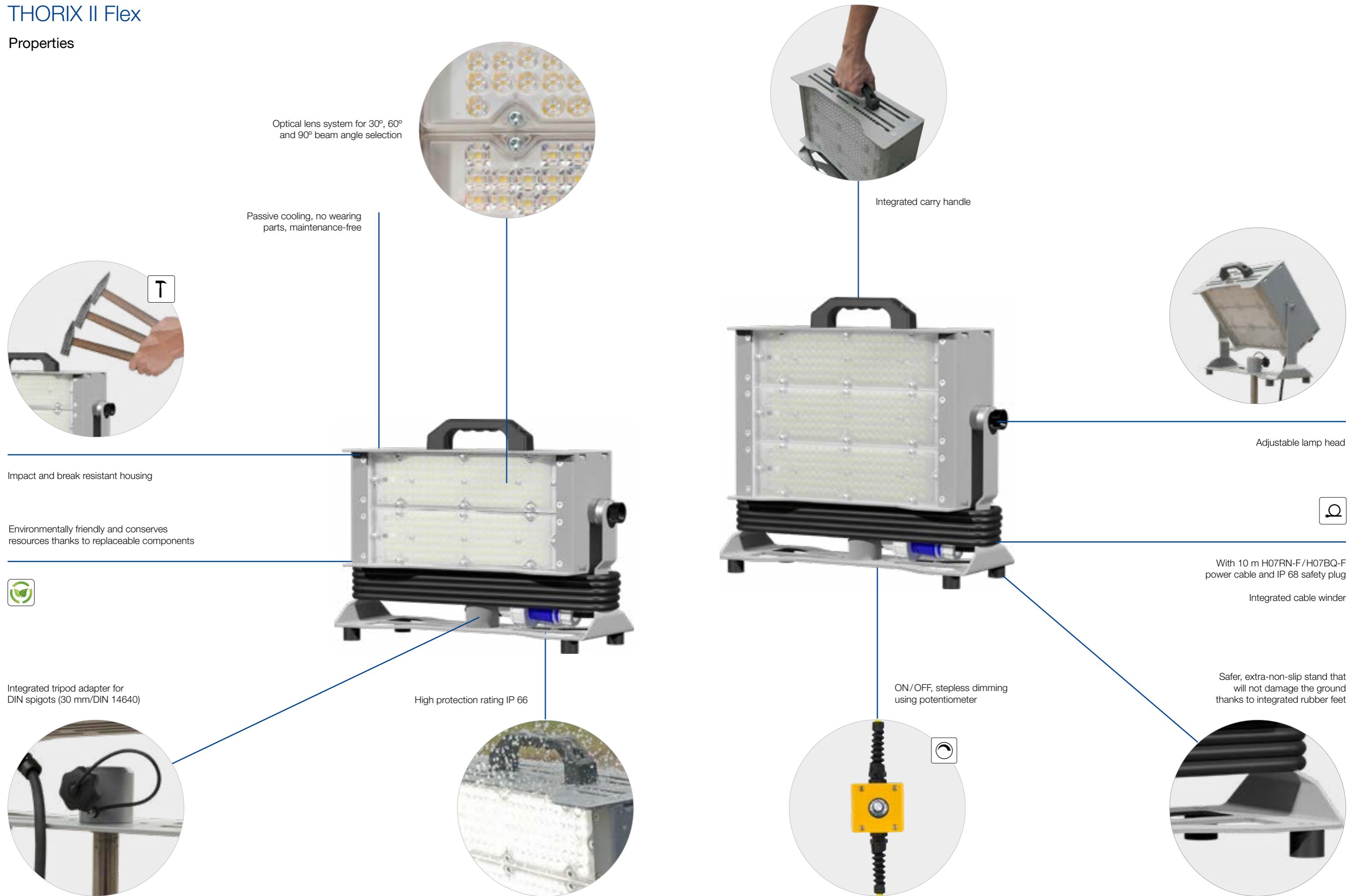
THORIX II Flex – our new LED spotlight offers just what the name suggests: flexibility. Thanks to its stand with integrated tripod adapter, it can be used in any conceivable application. It stands firmly on the ground with its wide stand and four rubber feet. The modern optical lens system makes it possible 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

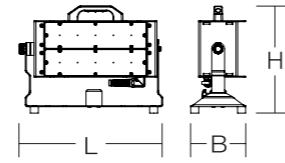


Safer, extra-non-slip stand that will not damage the ground thanks to integrated rubber feet



THORIX II Flex (2-Module)

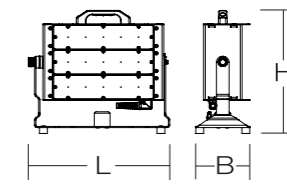
Universal LED spotlight for mounting on a tripod or standing on the ground, housing: aluminium, silver-grey, powder-coated, stand: steel, silver-grey, powder-coated with 4 rubber feet, robust carry handle made of black plastic, lamp head finely adjustable in 6° steps, transparent PC cover with optical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



L 440, B 173, H 335 mm

THORIX II Flex (3-Module)

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



L 440, B 173, H 420 mm



Φ_v 23.000 lm effective

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

P 180 W

..... 10 m black / yellow

T IK08

..... 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°	h (m)	Ø (m)	E (lx)	60°	h (m)	Ø (m)	E (lx)	90°
5	3	2228		5	7	599		5	9	497	
10	6	557		10	15	150		10	18	124	
15	10	248		15	22	67		15	26	55	
20	13	139		20	29	37		20	35	31	
25	16	89		25	37	24		25	44	20	



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

h (m)	Ø (m)	E (lx)	30°	h (m)	Ø (m)	E (lx)	60°	h (m)	Ø (m)	E (lx)	90°
5	3	3099		5	7	891		5	9	753	
10	7	775		10	15	223		10	18	188	
15	10	344		15	22	99		15	28	84	
20	13	194		20	30	56		20	37	47	
25	17	124		25	37	36		25	46	30	

Φ_v 35.000 lm effective

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

P 265 W

..... 10 m black / yellow

T IK08

..... E+F⁶⁸





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



ACHILLES

138



ACHILLES MC

139



suprabeam®

141






≤ 350 lm

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
- Micro USB 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 mini



ACHILLES maxi



ACHILLES MC mini



ACHILLES MC maxi



ACHILLES

Features

Adjustable strap

Charge status display via LCD display

Switchable between Front- and Top-LED

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

CRI > 96
FRONT LED

Micro USB charging cable
Adjustable bracket

POWERBANK function with version „maxi“

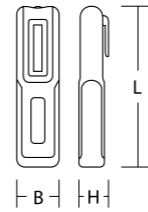
Universal mounting with magnet

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



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, micro USB charging cable included.



L 155, B 40, H 30 mm

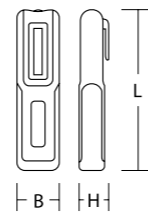
- ≈ 3 h
- Front LED: 6.400 K, R_a ≥ 80
..... Top LED: 6.400 K, R_a ≥ 80
- Li-Ion, 3,7 V,
..... 1.200 mAh
- ≈ 3 h
..... Micro USB

Shopping Cart	Light Bulb	Φ _v	Ground	Water	Light	Battery
5 V Micro-USB						
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, micro USB charging cable included.



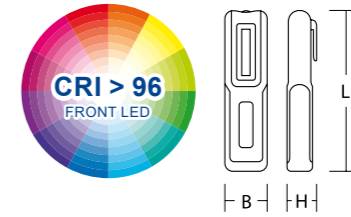
L 190, B 60, H 32 mm

- ≈ 3 h
- Front LED: 6.400 K, R_a ≥ 80
..... Top LED: 6.400 K, R_a ≥ 80
- Li-Ion, 3,7 V,
..... 2.000 mAh
- Front LED | Top LED
- ≈ 5 h
..... Micro USB

Shopping Cart	Light Bulb	Φ _v	Ground	Water	Light	Battery
5 V Micro-USB						
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, micro USB charging cable included.

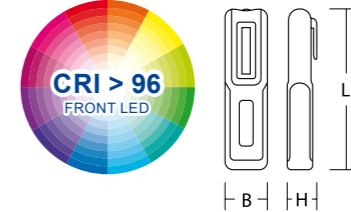


L 155, B 40, H 30 mm

Shopping Cart	Light Bulb	Φ _v	Ground	Water	Light	Battery
5 V Micro-USB						
74-0025-0006	1x COB-LED (Front) 1x LED (Top)	150 lm 50 lm	III	IP 20	USB	130 g

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, micro USB charging cable included.



L 190, B 60, H 32 mm

Shopping Cart	Light Bulb	Φ _v	Ground	Water	Light	Battery
5 V Micro-USB						
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 ≥ 96
..... Top LED: 6.400 K, R_a ≥ 80
- Li-Ion, 3,7 V,
..... 1.200 mAh
- Front LED | Top LED
- ≈ 3 h
..... Micro USB



- ≈ 3 h
- Front LED: 5.000 K, R_a ≥ 96
..... Top LED: 6.400 K, R_a ≥ 80
- Li-Ion, 3,7 V,
..... 2.000 mAh
- Front LED | Top LED
- ≈ 5 h
..... Micro USB



 **suprabeam®**

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

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





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

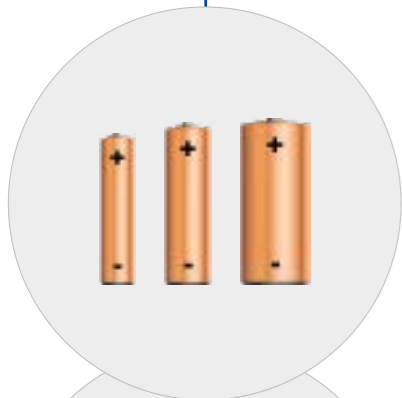


Highly robust 6061-T6 aluminium which was originally developed for the aerospace industry



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



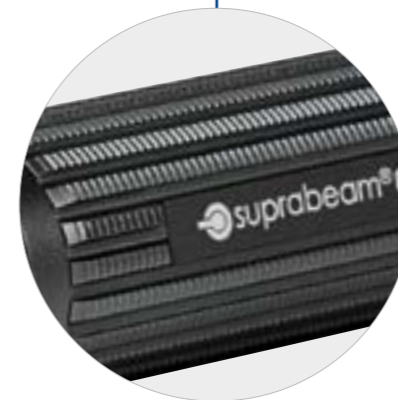
V-series with removable headband, washable; replaceable foam padding



Metall- bzw. Silikon-Schalter mit Touch-Funktion an der Rückseite (Q1, Q7 compact); elektronischen Schalter mit Silikonabdeckung (Q3, Q7xrs)



Handy surface design



Gift box or carrying case

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





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



Q7 compact 74-0231-0020	220 m	Max 400 lm High 200 lm Med 50 lm Low 15 lm Strobe 10 Hz	1 h 1,5 h 11 h 75 h	10 ... 70°	4 x AAA (Alkaline, NiMh)	IP x4	-20 ... +50 °C	134 mm 39 mm 196 g

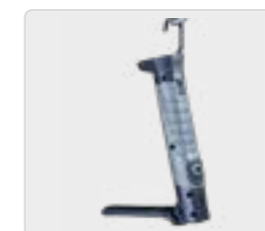


Q7xrs 74-0235-0020	345 m	Max 2000 lm Dim 1000-6 lm High 500 lm Med 250 lm Low 50 lm Strobe 10 Hz	2.0 h 2,25-500 h 3,5 h 8,0 h 37,0 h	15 ... 75°	1 x Li-Ion 26650 (3,7 V / 5.000mAh)	IP x4	-20 ... +50 °C	158 mm 46 mm 307 g

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, NiMh)	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°	3 x AAA (Alkaline, NiMh)	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





Traffic wand, silicon
red
for Q7 compact

74-02Z18-0003



USB car charger
12/24V DC, 1A for
Suprabeam „rechargeable“

74-02Z2-0001



Bike mount
für Q3-series, Q7-series

74-02Z14-0001



Helmet mount
for „FAST rail“ Military helmet,
for Q3, Q7 compact

74-02Z11-0001



Helmet mount
universal,
for Q3, Q7 compact

74-02Z10-0001



Camping bulb
for Q3, V3-series

74-02Z9-0001

Colour filters

Set for Q3-, V3- or Q7-series



74-02Z7-0001 Q3 / V3

74-02Z8-0001 Q7 compact

74-02Z12-0001 Q7xrs

Silicone headband

for V-series



74-02Z4-0001

**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

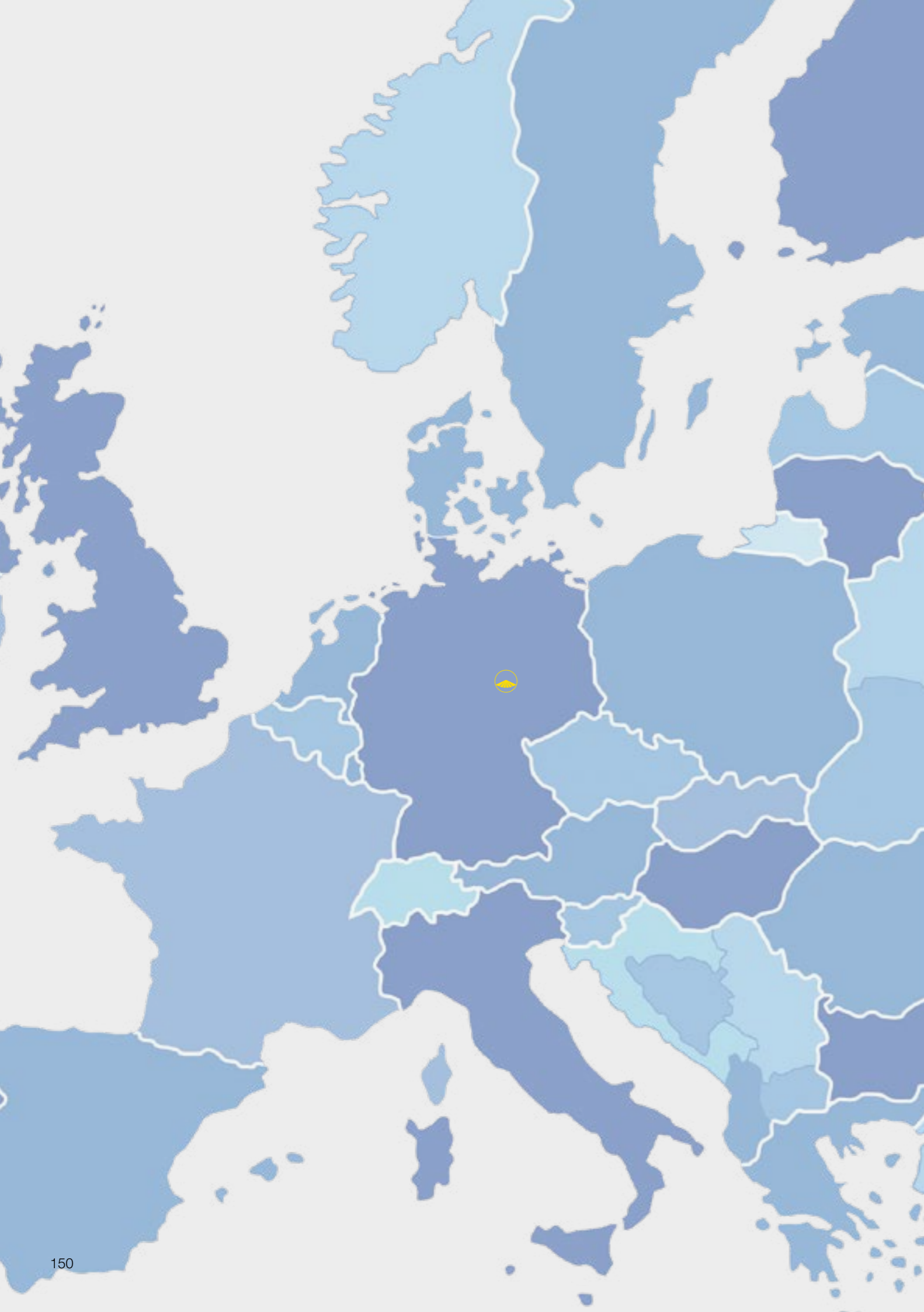
for deliveries and payments and for all other obligations is, without exception, Sondershausen.

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





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E-Mail: vertrieb@sonlux.de

Internal sales department

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

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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


























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Protection class I
 Luminares for connection to a protective conductor. The protective conductor terminal is marked with \oplus .
 In case of fault: Protection by power supply switch-off by overcurrent protection devices.
- 
Protection class II
 Double-insulated luminares. In addition to the normal insulation, these luminares also have a further protection insulation.
 In case of fault: The extra insulation provides double protection for exposed metal parts.
- 
Protection class III
 Luminares 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
-  Energy efficiency rating
-  System power (Watt)
-  Dimmable luminaire
-  Effective luminous flux of the luminaire (lm)
-  With through-wiring
-  Beam angle
-  Operating time
-  System performance battery operation
-  System performance mains operation (with simultaneous battery charging)
-  Pressure compensating valve against the formation of condensation water in the luminaire

CONNECTOR SYSTEMS

-  C (SEV 1011, Typ1), C*
BE, BG, DK, DE, EE, FI, FR, GR, IS, IT, HR, LV, LI, LT, LU, NL, NO, AT, PL, PT, RO, SE, CH, SK, SI, ES, CZ, HU
-  E+F (IP X4)
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
-  E+F⁶⁸ (IP 68)
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
-  E (CEE 7/5)
BE, FR, PL, SK, CZ
-  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
-  G
GB, IE, MT, CY
-  J (SEV 1011, Typ12)
LI, CH
-  K
DK
-  CEE 6h
230 V AC, 50/60Hz, 2P+E, 16A, 6h, blue
-  CEE 12h
230 V AC, 50/60Hz, 2P+E, 16A, 12h, grey
-  CEE
110 V AC, 50/60Hz, 3P, 16A, 4h, yellow
-  CEE
>50-250 V DC, 2P+E, 16A, 3h, grey
-  CEE
42 V AC, 50/60Hz, 2P, 16A, 12h, white
-  CEE
24 V AC, 50/60Hz, 2P, 16A, violet
-  CEE
24 V DC, 2P, 16A, 10h, white
-  DIN
12 / 24 V DC, DIN 14690
-  Car
12 / 24 V DC, Vehicle electrical system

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

