

IP66/IP67


Description

The KERN emergency luminaire is ideal for illuminating escape routes, emergency exits, stairwells or other key areas in industrial halls, production and assembly plants, warehouses, logistics centres, technical areas and other environments where high durability, reliability and safety in emergency situations are required. The body is made of robust polycarbonate (RAL 7035) and is UV stable, ensuring long-term durability. The cover is made of opal polycarbonate, which provides effective light diffusion and high impact resistance. The luminaire can be equipped with a dimming function on request. Designed to be mounted and hinged. The emergency version is equipped with a magnetic switch that allows control of the emergency function without opening the luminaire.

 Specifications**Operating voltage:**

220-240 V / 50/60 Hz AC, 220-240 V DC

Source:

LED, 4000K, CRI +80, MacAdam3

Housing:

Plastic material PC (polycarbonate), colour grey RAL 7035

Cover:

PC (polycarbonate) opal

Fastening:

Direct fixing to the ceiling or wall of the illuminated space by means of two self-locking fixing bracket (standard equipment), self-locking cable suspension on two fixing brackets, cable suspension by means of suspension lugs.

Connection:

Screwless three-pole terminal block, max. wire cross-section 2.5 mm².

Standard equipment:

2x plastic cable gland PG 13,5 for cable diameter 6-12 mm, 2x plastic cable plug M20 and 2x stainless steel fixing bracket (AISI304) for direct fixing of the luminaire on the mounting surface and a set of pictograms.

Calculated lifetime – LED modules:

L80B10 Ta 30 – 70 000 h

L70B10 Ta 30 – 100 000 h

On request

SILICONE-FREE – upon request (KERN-E-B)

09 – 3xM25 hole

LNМ3 – emergency luminaire 3h

LNМ3A – emergency luminaire 3h, AUTOTEST

LNМD3 – emergency luminaire 3h, DALI

CB – central battery system

Variants

Number items	Name of variant	Luminous flux (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Dimensions A x B x C (mm)
63653	KERN-E-A-L04-840-400-LNM3-08-PD	–	–	2,5	0°C≤ta≤50°C	395 x 195 x 122
63654	KERN-E-A-L04-840-1200-LNM3-08-PD	–	–	6	0°C≤ta≤50°C	395 x 195 x 122
63655	KERN-E-A-L04-840-1800-LNM3-08-PD	–	–	9	0°C≤ta≤50°C	395 x 195 x 122
63662	KERN-E-A-L04-840-800-0CB-08-PD	–	–	5	-30°C≤ta≤60°C	395 x 195 x 122

Luminous flux and luminaire power tolerance ±10%

You can view the variant detail via the item number.

Accessories

KERN protective cage – L04

Item number: **62858**

Product type: **001610-RAL9016**



Pictogram KERN – figure + arrow left

Item number: **62832**

Product type: **009466**



Pictogram KERN – figure + arrow right

Item number: **62833**

Product type: **009467**



Pictogram KERN – figure + arrow down

Item number: **62834**

Product type: **009468**



Pictogram KERN – figure + arrow up

Item number: **62835**
Product type: **009469**


Pictogram KERN – EXIT

Item number: **62836**
Product type: **009470**


Telescopic magnet

Item number: **63023**
Product type: **038013**


Fastening tool for cable glands

Item number: **63024**
Product type: **038014**


Set of pole brackets Ø 60 mm (2"), M5, AISI304 (2 pcs)

Item number: **60089**
Product type: **051093**


Set of pole brackets Ø 50 mm (1 1/2"), M5, AISI304 (2 pcs)

Item number: **60090**
Product type: **051094**


Set of pole brackets Ø 42 mm (1 1/4"), M5, AISI304 (2 pcs)

Item number: **60091**
Product type: **051095**


Set of pole brackets Ø 60 mm (2"), M5, AISI316 (2 pcs)

Item number: **66929**
Product type: **051125**


Set of pole brackets Ø 50 mm (1 1/2"), M5, AISI316 (2 pcs)

Item number: **66930**
Product type: **051126**



Set of pole brackets Ø 42 mm (1 1/4"), M5, AISI316 (2 pcs)

Item number: **66931**

Product type: **051127**

Cable suspender – 3 m (2 pcs)

Item number: **3575**

Product type: **051131**

Set of wall brackets – angle 45° KERN, AISI304 (2 pcs)

Item number: **63139**

Product type: **051159**

KERN accessories – glands M20 for armored cable

Item number: **63458**

Product type: **051162**

KERN – Grounding washer under cable glands M20 (1 pc)

Item number: **66889**

Product type: **051163**

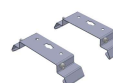
Set of wall brackets – angle 45° KERN, AISI316 (2 pcs)

Item number: **66937**

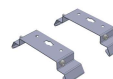
Product type: **051164**

Set of fastening brackets KERN – IK10 – AISI304 (2 pcs)

Item number: **66947**

Product type: **051165**

Set of fastening brackets KERN – IK10 – AISI316L (2 pcs)

Item number: **66948**

Product type: **051166**

Wall bracket

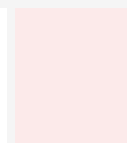
Item number: **6902**

Product type: **061066**


Spare parts

3H LiFePO4 Battery

Item number: **63251**
Product type: **019500**



Set of stainless steel fastening brackets KERN – AISI304 (2 pcs)

Item number: **69104**
Product type: **051193**



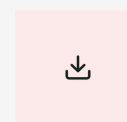
Set of stainless steel fastening brackets KERN – AISI316L (2 pcs)

Item number: **69105**
Product type: **051194**



Cover KERN-P, KERN-E

Item number: **69102**
Product type: **051273**



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