VYRTYCH

\ KERN-E

IP66/IP67

CE | EMC | ta 0°C min. | EVG | EVG DIMM | 220-240V 50-60 Hz | EMERGENCY | LED | 5 years Warranty | | 850°C PC | HACCP | | IK 08

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 is available in different chromaticity temperatures to adapt to different environments. The luminaire can be equipped with a dimming function on request. Designed to be mounted and suspended. 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 pens (standard equipment), self-locking cable suspension on two fixing pens, cable suspension by means of suspension lugs.

Connection:
Screwless three-pole terminal block, max. wire cross-section 2.5 mm^2.

Standard equipment:
Pg13,5 gland for cable diameter 7-12 mm, AISI 304 stainless steel mounting pens for direct fixing of the luminaire to the mounting surface and pictogram set.

Calculated lifetime – LED modules:
L80B10 Ta 30 – 70 000 h
L70B10 Ta 30 – 100 000 h

On order

4000K/6500K – colour temperature
GESIS – possibility to equip the luminaires with connectors
LNM3A – Permanent emergency lighting 3H, AUTOTEST
CB – central battery system

Variants

Number items	Name of variant	Luminous flux (lm)	Luminous flux in an emergency mode (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Tc (K)	Dimensions A x B x C (mm)
63653	KERN-E-A-L04-840-400-LNM3-06-PD	–	442	–	2,5	0°C≤ta≤50°C	4000	395 x 195 x 122
63654	KERN-E-A-L04-840-1200-LNM3-06-PD	–	1061	–	6	0°C≤ta≤50°C	4000	395 x 195 x 122
63655	KERN-E-A-L04-840-1800-LNM3-06-PD	–	1592	–	9	0°C≤ta≤50°C	4000	395 x 195 x 122
63662	KERN-E-A-L04-840-800-0CB-06-PD	–	–	–	–	-30°C≤ta≤60°C	4000	395 x 195 x 122

Luminous flux and luminaire power tolerance ±10%

Accessories

KERN protective cage

Item number: **62858**
Product type: **001610-LAK**

Pictogram KERN – with escape route to the left

Item number: **62832**
Product type: **009466**

Pictogram KERN – with escape route to the right

Item number: **62833**
Product type: **009467**

Pictogram KERN – with escape route downstairs

Item number: **62834**
Product type: **009468**

Pictogram KERN – with escape route upstairs

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

Pictogram KERN – with EXIT

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

Telescopic magnet

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

Tightening wrench for cable glands

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

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

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

Set of pole brackets (Ø 50 mm), AISI304 (2 pcs)

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

Set of pole brackets (Ø 42 mm), AISI304 (2 pcs)

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

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

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

Set of pole brackets (Ø 50 mm), AISI316 (2 pcs)

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

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Set of pole brackets (Ø 42 mm), 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 for armored cable

Item number: **63458**
Product type: **051162**

KERN – Grounding washer under cable glands (1 pc)

Item number: **66889**
Product type: **051163**

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

Item number: **66937**
Product type: **051164**

Wall bracket

Item number: **6902**
Product type: **061066**