

IP66/IP67


Description

KERN is a compact industrial luminaire ideal for applications in industrial halls, production and assembly plants, warehouses, logistics centres, technical areas and other areas where high durability, reliability and long service life 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. The emergency version is equipped with a magnetic switch that allows control of the emergency function without opening the luminaire. Designed to be mounted and hinged.

 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 using two self-locking fixing pens (standard equipment), self-locking cable

hanging on two gripping pens, cable hanging with hanging eyes.

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 to the mounting surface

Calculated lifetime – LED modules:

L80B10 Ta 30 – 70 000 h

L70B10 Ta 30 – 100 000 h

On request

5000K/6500K – colour temperature

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

09 – 3xM25 hole

ND – ON/OFF luminaire

D2 – DALI2 luminaire

LM3 – ON/OFF luminaire + emergency 3h

LM3A – ON/OFF luminaire + emergency 3h, AUTOTEST

LM3D2 – DALI2 luminaire + emergency 3h

LA3D2 – DALI2 luminaire + emergency 3h, AUTOTEST

LD3D2 – DALI2 luminaire + emergency 3h, DALI

Variants

Number items	Name of variant	Luminous flux (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Dimensions A x B x C (mm)
63611	KERN-P-A-L04-840-1200-0ND-08-PD	1086	155 lm/W	7	-30°C≤ta≤60°C	395 x 195 x 122
63612	KERN-P-A-L04-840-1800-0ND-08-PD	1640	164 lm/W	10	-30°C≤ta≤55°C	395 x 195 x 122
63613	KERN-P-A-L04-840-2400-0ND-08-PD	2148	165 lm/W	13	-30°C≤ta≤55°C	395 x 195 x 122
63614	KERN-P-A-L04-840-2900-0ND-08-PD	2674	167 lm/W	16	-30°C≤ta≤55°C	395 x 195 x 122
63615	KERN-P-A-L04-840-3400-0ND-08-PD	3189	159 lm/W	20	-30°C≤ta≤50°C	395 x 195 x 122
63616	KERN-P-A-L04-840-4000-0ND-08-PD	3663	159 lm/W	23	-30°C≤ta≤50°C	395 x 195 x 122
63623	KERN-P-A-L04-840-1200-LM3-08-PD	1086	155 lm/W	7	0°C≤ta≤40°C	395 x 195 x 122
63624	KERN-P-A-L04-840-1800-LM3-08-PD	1640	164 lm/W	10	0°C≤ta≤40°C	395 x 195 x 122
63625	KERN-P-A-L04-840-2400-LM3-08-PD	2148	165 lm/W	13	0°C≤ta≤40°C	395 x 195 x 122
63626	KERN-P-A-L04-840-2900-LM3-08-PD	2674	167 lm/W	16	0°C≤ta≤30°C	395 x 195 x 122
63627	KERN-P-A-L04-840-3400-LM3-08-PD	3189	159 lm/W	20	0°C≤ta≤30°C	395 x 195 x 122
63628	KERN-P-A-L04-840-4000-LM3-08-PD	3663	159 lm/W	23	0°C≤ta≤30°C	395 x 195 x 122

Luminous flux and luminaire power tolerance ±10%

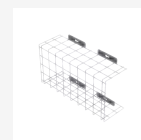
You can view the variant detail via the item number.

Accessories

KERN protective cage – L04

Item number: **62858**

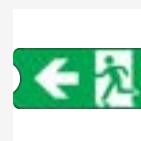
Product type: **001610-RAL9016**



Pictogram KERN – figure + arrow left

Item number: **62832**

Product type: **009466**



Pictogram KERN – figure + arrow right

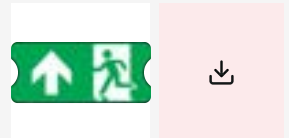
Item number: **62833**
Product type: **009467**


Pictogram KERN – figure + arrow down

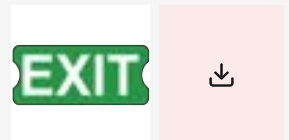
Item number: **62834**
Product type: **009468**


Pictogram KERN – figure + arrow up

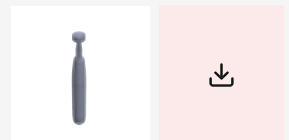
Item number: **62835**
Product type: **009469**


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**

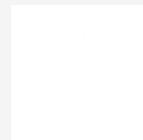
Set of pole brackets Ø 42 mm (1 1/4"), M5, AISI316 (2 pcs)

Item number: **66931**

Product type: **051127**

Cable suspender – 3 m (2 pcs)

Item number: **3575**

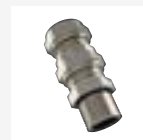
Product type: **051131**

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**

Cover KERN-P, KERN-E

Item number: **69102**

Product type: **051273**

Wall bracket

Item number: **6902**

Product type: **061066**

Spare parts
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**

KERN-EX1 Cover – L04

Item number: **69103**

Product type: **051274**


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