

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. Designed to be mounted and suspended.

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 retaining pen (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 order

- 3000K/4000K/5000K/6500K** – colour temperature
- GESIS** – possibility to equip the luminaires with connectors
- CB** – Central battery system
- ND** – ON/OFF luminaire
- D2** – DALI2 luminaire
- LM3A** – ON/OFF luminaire + emergency 3h, AUTOTEST
- LM3** – ON/OFF luminaire + emergency 3h
- LA3D2** – DALI2 luminaire + emergency 3h, AUTOTEST
- LM3D2** – DALI2 luminaire + emergency 3h
- LMD3D2** – DALI2 luminaire + emergency 3h, DALI

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)
63611	KERN-P-A-L04-840-1200-0ND-06-PD	1086	–	155 lm/W	7	-30°C≤ta≤60°C	4000	395 x 195 x 122
63612	KERN-P-A-L04-840-1800-0ND-06-PD	1640	–	164 lm/W	10	-30°C≤ta≤55°C	4000	395 x 195 x 122
63613	KERN-P-A-L04-840-2400-0ND-06-PD	2148	–	165 lm/W	13	-30°C≤ta≤55°C	4000	395 x 195 x 122
63614	KERN-P-A-L04-840-2900-0ND-06-PD	2674	–	167 lm/W	16	-30°C≤ta≤55°C	4000	395 x 195 x 122
63615	KERN-P-A-L04-840-3400-0ND-06-PD	3189	–	159 lm/W	20	-30°C≤ta≤50°C	4000	395 x 195 x 122
63616	KERN-P-A-L04-840-4000-0ND-06-PD	3663	–	159 lm/W	23	-30°C≤ta≤50°C	4000	395 x 195 x 122
63623	KERN-P-A-L04-840-1200-LM3-06-PD	1086	496	155 lm/W	7	0°C≤ta≤40°C	4000	395 x 195 x 122
63624	KERN-P-A-L04-840-1800-LM3-06-PD	1640	525	164 lm/W	10	0°C≤ta≤40°C	4000	395 x 195 x 122
63625	KERN-P-A-L04-840-2400-LM3-06-PD	2148	529	165 lm/W	13	0°C≤ta≤40°C	4000	395 x 195 x 122
63626	KERN-P-A-L04-840-2900-LM3-06-PD	2674	535	167 lm/W	16	0°C≤ta≤30°C	4000	395 x 195 x 122
63627	KERN-P-A-L04-840-3400-LM3-06-PD	3189	510	159 lm/W	20	0°C≤ta≤30°C	4000	395 x 195 x 122
63628	KERN-P-A-L04-840-4000-LM3-06-PD	3663	510	159 lm/W	23	0°C≤ta≤30°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**

**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**



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