

6057/2116-101-4330-121-200 Art. No. 288958



- Aesthetically appealing pendant light fitting with 4 wattage ranges.
- Ideal for use in Zone 1 & Zone 21 with EX d protection
- Made of copper-free aluminium for absolute corrosion resistance.
- World-class quality standards: Certified and approved by PESO.
- Tough and durable: Can withstand impacts of up to 20 J and complies with IK10.
- Suitable for wide range of ambient temperatures from -20 °C to +50 °C.
- Longer luminaire service life with a promise of over 50,000 operating hours.
- All-round safety: Driver with under- and overvoltage protection and overtemperature protection.
- More lumens per watt with superior light output.

WebCode 6057A

The 6057 pendant light fitting is intended for lighting areas, work equipment and objects. It can be used indoors and outdoors. Using the right accessories, these light fittings can be used as pendant light fittings or, alternatively, they can be wall-mounted, ceiling-mounted or pole-mounted. With two thermally separated enclosure parts for the driver unit and LED unit, the 6057 pendant light fitting is a fail-safe luminaire meant for the harshest environments.

Technical Data

Explosion Protection

| | |
|-------------------------------|--------------------|
| Application range (Zones) | 1 2 21 22 |
| PESO gas certificate | KLPL/Ex/21-032X |
| PESO gas explosion protection | Ex db IIC T5 Gb |
| Certificates and approvals | India (PESO) |

Electrical Data

| | |
|-----------------------------------|---|
| AC max. rated operational voltage | 240 V |
| AC min. rated operational voltage | 220 V |
| Power factor | ≥ 0.96 |
| Frequency range | 50 – 60 Hz |
| Start-up current | $I_{peak} \leq 16 \text{ A}$, $\Delta t = 100 \mu\text{s}$ |
| Surge protection | 4KV |

Input

| | |
|------------------|-----|
| Surge protection | 4KV |
|------------------|-----|

Lighting Data

| | |
|--------------------|---------------------|
| Number of lamps | 1 |
| Lamp wattage | 65 W |
| Lamp type | LED |
| Lamp | LED |
| Light colour | 5700 K – cool white |
| Light distribution | Wide beam |

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Lighting Data

| | |
|--------------------|----------|
| Luminaire efficacy | 109 lm/W |
| Luminous flux | 6759 lm |
| Colour rendering | ≥ 80 |
| Colour temperature | 5700 K |

Ambient Conditions

| | |
|------------------------|-------------------|
| Ambient temperature °C | -20 °C ... +50 °C |
| Storage temperature °C | -20 °C ... +60 °C |

Mechanical Data

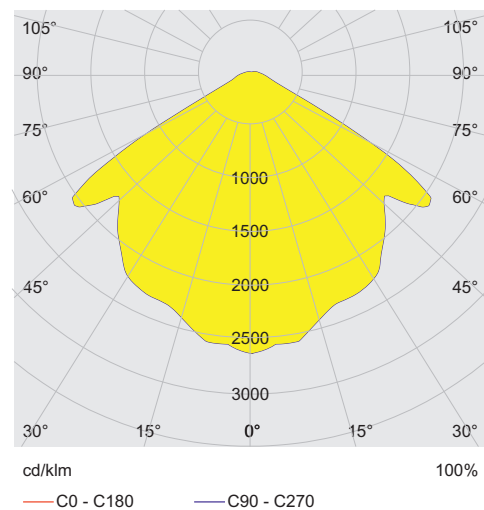
| | |
|---|---|
| Version | Pendant light fitting |
| Degree of protection (IP) | IP66 / IP67 |
| Enclosure material | Aluminium, Powder-coated |
| Enclosure color | Light grey (RAL 7035) |
| Sealing material | Silicone |
| Silicone-free content | Contains silicone |
| Protective glass material 2 | Borosilicate glass |
| Max. solid connection terminals | 4 mm ² |
| Max. finely stranded connection terminals | 4 mm ² |
| Type of connection cable | Finely stranded Finely stranded with clip Solid |
| Size | 2 |
| Width | 184 mm |
| Height | 344 mm |
| Length | 234 mm |
| Impact strength (IEC 62262) | IK10 |
| Fastening | without mounting accessories |
| Reflector | Yes |
| Weight | 5.1 kg |
| Weight | 11.24 lb |
| Disconnection of the luminaire | No |

Components

| | |
|--------------------------|------------------------|
| Through wiring | Max. 3 x 10 A |
| Drilled holes | 2 x NPT 1/2 |
| Cable glands and entries | According to the order |
| Stopping plugs | According to the order |
| Wire guard | No |

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Light Distribution Curves

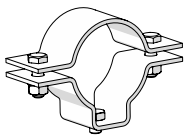
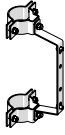
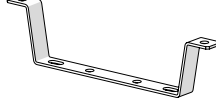


Light Distribution Curve 6057


Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

Accessories

Mounting bracket

| | | Art. No. |
|--|---|----------|
|  | Horiz. Pipe mtg. brk. Ø50mm 6057 spare | 289889 |
| | Horiz. Pipe mtg. brk. Ø60mm 6057 spare | 290041 |
|  | Verti. Pipe mtg. brk. Ø50mm 6057 spare | 289890 |
| | Verti. Pipe mtg. brk. Ø60mm 6057 spare | 290042 |
|  | Wall/ceiling mtg.brk. 6057 spare 1.4301 | 288823 |

Ring bolt

| | | Art. No. |
|--|------------------------------------|----------|
|  | Ring bolt M8x9 similar DIN 580 C15 | 115896 |

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.