Linear fittings

CEV2 Weatherproof LED fitting - Industrial applications

Features

• Easy installation & maintenance:
  - Plug and play connection
  - Quick access to the electrical parts
• Energy efficiency: high lumen output up to 8000lm with efficiency > 120lm/W
• Safety and protection: Robust envelop protected against strong pressure, jets of water, heavy seas
• Includes cable glands, plugs and fixing brackets

Specifications

Main body constructed of glass-reinforced polyester for high impact strength
UV protected polycarbonate diffuser to resist harsh environments
Rated voltage 100-240Vac 50/60Hz
Wiring configuration: 3 or 5 wires
3x entries M25

Standards

Photobiological safety
IEC62471 Exempt group
EMC Directive
(2014/30/EU)
EN 55015: Conducted emission test and radiated emission test
EN 61547: CEM immunity
EN 61000-3-2: Harmonic current Emissions Class C
EN 61000-3-3: Limitation of voltage changes and flickers
Low voltage Directive
(2014/35/EU)
EN 60598-1: Luminaire general requirements and tests, including dielectric strength and isolation resistance
Glow wire test: 960°C
Operating temperature: -20°C to +55°C
IP test: IEC 60529: IP66
Impact protection index: IEC 62262: IK10
Linear fittings

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**CEV2 Linear LED fitting**
- 3 or 5 wires
- Durable GRP body
- Industrial applications

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**CEV2 5 wires: Equipped with 1 cable gland & 2 plugs**

<table>
<thead>
<tr>
<th>Type For</th>
<th>Wiring Configuration</th>
<th>Light Rating</th>
<th>Current A @ 230V</th>
<th>Lumen Output lm</th>
<th>Operating life at 25°C</th>
<th>Efficiency Lm/W</th>
<th>Dimensions mm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEV203WU</td>
<td>3 or 5 Wires</td>
<td>29</td>
<td>0.13</td>
<td>3300</td>
<td>50000</td>
<td>120</td>
<td>785</td>
<td>400</td>
</tr>
<tr>
<td>CEV206WU</td>
<td>3 or 5 Wires</td>
<td>52</td>
<td>0.23</td>
<td>6600</td>
<td>50000</td>
<td>125</td>
<td>1370</td>
<td>700</td>
</tr>
<tr>
<td>CEV208WU</td>
<td>3 or 5 Wires</td>
<td>65</td>
<td>0.29</td>
<td>8300</td>
<td>50000</td>
<td>125</td>
<td>1670</td>
<td>700</td>
</tr>
</tbody>
</table>

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**Technical information**

LED installed: Set of LED modules with integrated diffuser<br>Colour temperature 5000K<br>L70/B10 at 25°C (70% lumen output/90% active LED) according to operating life

Photometric curve: See page 130

Rated voltages: Electronic driver: 100-240Vac 50/60Hz

Power factor: 0.9

CRI: >80

Wiring Configuration: 3 or 5 wires

Electrical protection class: I

Max. light fittings per circuit breaker:
- Type: 10A 16A 20A 25A
- B: 4 7 9 11
- C: 7 12 15 18

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**Technical information**

Grounding system: TNS, TNC, TT, IT neutral system

Terminal block (screws plug in terminal block): 2.5mm² rigid or flexible

Terminals supplied L1, L2, L3, N, PE (looping possible with one additional cable gland)

Cable entries: Three entries M20

For non-armoured cable: Included two M25 nylon plugs (EX-M25) and one M25 nylon cable gland, diameter 8-17mm (GHG9601955R0024) and three nylon locknuts

For armoured cable: Included continuity plate - two M25 nylon plugs (EX-M25) and one M20 nickel plated brass cable gland, diameter 6-12/8.5-16mm (EXN05MSC1K)

Housing: Glass reinforced polyester housing for high impact strength, UV protected polycarbonate diffuser to resist harsh environments, White painted steel gear tray & 2x M8 Stainless steel 316L insert

Fixing (included with product): V015 - 2x Two zinc-plated steel brackets for ceiling mounting
Linear fittings - accessories
CEV2 Weatherproof LED fitting - Industrial applications

Fixing accessories*

<table>
<thead>
<tr>
<th>Brackets</th>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V015</td>
<td>2x pair of zinc plated steel for ceiling mounting (included with product)</td>
</tr>
<tr>
<td></td>
<td>V016</td>
<td>Stainless steel 316L brackets for ceiling mounting</td>
</tr>
</tbody>
</table>

Hook

<table>
<thead>
<tr>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>V024</td>
<td>2x Zinc plated steel suspension hook</td>
</tr>
</tbody>
</table>

Mounting bracket clip

<table>
<thead>
<tr>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>V014</td>
<td>2x Rapid ceiling mounting with stainless steel clip</td>
</tr>
</tbody>
</table>

Fixing bracket and flange

<table>
<thead>
<tr>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>V018</td>
<td>2x zinc plated steel pole mounted brackets for ø1™ &amp; 1½</td>
</tr>
<tr>
<td>V019</td>
<td>2x zinc plated steel pole mounted brackets for ø2™</td>
</tr>
<tr>
<td>V021</td>
<td>2x Stainless steel 316L pole mounted brackets for ø1™ &amp; 1½</td>
</tr>
<tr>
<td>V022</td>
<td>2x Stainless steel 316L pole mounted brackets ø2™</td>
</tr>
</tbody>
</table>

* Screws and locknuts supplied
## Linear fittings - spare parts
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<table>
<thead>
<tr>
<th>Spare parts</th>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>V00120W</td>
<td></td>
<td>20W diffuser with gasket for EV. range</td>
</tr>
<tr>
<td>V00140W</td>
<td></td>
<td>40W diffuser with gasket for EV. range</td>
</tr>
<tr>
<td>V00165W</td>
<td></td>
<td>65W diffuser with gasket for EV. range</td>
</tr>
<tr>
<td>PCM25</td>
<td></td>
<td>M25 Exe IIC nylon cable gland for non armoured cable diameter 8-17mm</td>
</tr>
<tr>
<td>EXN05MMC1K</td>
<td></td>
<td>Kit M25 Exd Exe IIC Extb double compression nickel plated brass cable gland for armoured cable diameter inner 6-12 outer 8.5-16mm locknut, sealing gasket</td>
</tr>
<tr>
<td>V40WEL</td>
<td></td>
<td>Gear tray XEV/CEV 206W</td>
</tr>
<tr>
<td>V65WEL</td>
<td></td>
<td>Gear tray XEV/CEV 208W</td>
</tr>
</tbody>
</table>