Linear fittings
XEV2 LED fitting - zones 2, 21 & 22

Features
- Easy installation & maintenance:
  - Plug and play connection
  - Quick access to the electrical parts
- Energy efficiency: high lumen output up to 8300lm with efficiency > 125lm/W
- Safety and protection: IP66 & IK10
- 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 (UL 746C)
- Rated voltage 100-240Vac 50-60Hz
- Wiring configuration: 3 and 5 wires, 3x entries M25

Standards
- Approved to:
  - EN 60079-0: General requirements
  - EN 60079-7: Increased safety ‘ex’
  - EN 60079-28: Optical radiation ‘op is’
  - EN 60079-31: Enclosure ‘tb’
- ATEX Directives
  - II 3 G - Ex ec IIC T4 Gc (Ta: -20°C/+60°C)
  - II 2 D - Ex op is tb IIC T85°C Db (Ta: -20°C/+60°C)
- Photobiological safety
  - IEC62471
- EMC Directive
  - EN 55015: Conducted emission test and radiated emission test
  - EN 61547: EMC immunity
  - EN 61000-3-2: Harmonic current Emissions Class C
  - EN 61000-3-3: Limitation of voltage changes and flickers
- Low voltage Directive
  - EN 60598-1: Luminaire general requirements and tests, including dielectric strength and isolation resistance
- Glow wire test: 960°C
- Operating temperature: -20°C to +60°C
- IP test: IEC 60529: IP66
- Impact protection index: IEC 62262: IK10
Linear fittings
XEV2 LED fitting - zones 2, 21 & 22

XEV2 Linear LED fitting
- Compatible with 3 or 5 wires
- Suitable for use in Zones 2, 21, 22
- Durable GRP body

Dimensions
- 2xM8 holes 20mm depth

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XEV2 5 wires: Equipped with 1 cable gland & 2 plugs

<table>
<thead>
<tr>
<th>Type For non armored cable</th>
<th>Wiring Configuration</th>
<th>Inrush current A@230V</th>
<th>Current A @ 230V</th>
<th>Lumen Output lm</th>
<th>Operating life at 55°C</th>
<th>Efficiency Lm/W</th>
<th>Dimensions mm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>XEV206WU</td>
<td>3 or 5 wires</td>
<td>55</td>
<td>0.23</td>
<td>6600</td>
<td>50000</td>
<td>125</td>
<td>1370</td>
<td>900</td>
</tr>
<tr>
<td>XEV208WU</td>
<td>3 or 5 wires</td>
<td>55</td>
<td>0.29</td>
<td>8300</td>
<td>50000</td>
<td>125</td>
<td>1670</td>
<td>900</td>
</tr>
</tbody>
</table>

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Technical information
LED installed
- Set of LED modules with optical diffuser
- Colour temperature 5000K
- L80/B10 up to 50,000h operating life at 55°C

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
<table>
<thead>
<tr>
<th>Type</th>
<th>10A</th>
<th>16A</th>
<th>20A</th>
<th>25A</th>
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</thead>
<tbody>
<tr>
<td>B</td>
<td>4</td>
<td>7</td>
<td>9</td>
<td>11</td>
</tr>
<tr>
<td>C</td>
<td>7</td>
<td>12</td>
<td>15</td>
<td>18</td>
</tr>
</tbody>
</table>

Technical information
Grounding system
- TNS, TNC, TT, IT neutral system

Terminal block
(screws plug in terminal block)
- Terminals supplied L1, L2, L3, N, PE (looping possible with one additional cable gland)
- 2.5mm² rigid or flexible

Cable entries
Three entries M25

For non-armoured cable:
- Included two M25 nylon plugs (EX-M25) and one M25 nylon cable gland, diameter 8 to 17.5mm (GHG9601955R0024) and three nylon locknuts

Housing
- Glass reinforced polyester housing for high impact strength, UV protected polycarbonate diffuser to resist harsh environments, White painted steel gear tray

Fixing
(included with product)
- VO15 - 2x Two zinc-plated steel brackets for ceiling mounting
### Linear fittings - accessories

**XEV2 - zones 2, 21 & 22**

#### Fixing accessories*

<table>
<thead>
<tr>
<th>Brackets</th>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V015</td>
<td>2 x 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&quot;¾ &amp; 1&quot;¼</td>
</tr>
<tr>
<td>V019</td>
<td>2x zinc plated steel pole mounted brackets for ø2&quot;</td>
</tr>
<tr>
<td>V021</td>
<td>2x Stainless steel 316L pole mounted brackets for ø1&quot;¾ &amp; 1&quot;¼</td>
</tr>
<tr>
<td>V022</td>
<td>2x Stainless steel 316L pole mounted brackets ø2&quot;</td>
</tr>
</tbody>
</table>

* Screws and locknuts supplied
## Linear fittings - spare parts

### XEV2 - zones 2, 21 & 22

<table>
<thead>
<tr>
<th>Spare parts</th>
<th>Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>V00120W</td>
<td>20W diffuser with gasket for EV. range</td>
<td></td>
</tr>
<tr>
<td>V00140W</td>
<td>40W diffuser with gasket for EV. range</td>
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</tr>
<tr>
<td>V00165W</td>
<td>65W diffuser with gasket for EV. range</td>
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</tr>
<tr>
<td>PCM25</td>
<td>M25 Exe IIC nylon cable gland for non armoured cable diameter 8-17mm</td>
<td></td>
</tr>
<tr>
<td>V20WEL</td>
<td>Gear tray XEV/CEV 203W with driver 100-240Vac 50-60Hz</td>
<td></td>
</tr>
<tr>
<td>V40WEL</td>
<td>Gear tray XEV/CEV 206W with driver 100-240Vac 50-60Hz</td>
<td></td>
</tr>
<tr>
<td>V65WEL</td>
<td>Gear tray XEV/CEV 208W with driver 100-240Vac 50-60Hz</td>
<td></td>
</tr>
</tbody>
</table>