Industrial waterproof and dustproof luminaire

PO-01 LED Grato

PO-01 2x3LED 230V 1 nipple, PO-01 2x3LED 24V DC 1 nipple Grato

About the product

A robust product designed for lighting indoor and outdoor areas in environments with dust, moisture and vapours with corrosive action.
Application
General indoor and outdoor lighting for industrial areas with high humidity level, condense, vapours, corrosive gasses, in warehouses, shops, stair houses, etc.

Light sources

- Power LEDs module, colour temperature cool-white 6500K, with lifetime L70B50 of 50,000 hours at Ta=25ºC

Advantages
Low power consumption. Long lifetime. There are not necessary interventions for light source replacements. The light source does not contain mercury.
### Photometric data PO-01 LED

Light distribution diagram [Cd/1000lm]

<table>
<thead>
<tr>
<th>Product type</th>
<th>L [mm]</th>
<th>I [mm]</th>
<th>h [mm]</th>
<th>m [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO-01 LED</td>
<td>238</td>
<td>130</td>
<td>115</td>
<td>118</td>
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</tbody>
</table>
Description

- Housing made of pressure cast aluminium alloy.
- Anticorrosive steel wire clamps.
- Protective transparent glass diffuser.
- MYYM (3x 1 mm) conductor, length 500mm.
- LED modules and electronic LED driver included in the product and manufactured according to the specific standards.
- Colour: white.

Mounting

- Visible.

Technical features

- Rated voltage: 230V/50Hz.
- Surrounding temperature: -5°C ÷ + 35°C.
- Relative humidity: till 80% at the temperature of + 20°C.
- Jolt resistance according to SR EN 60068-2-29: 1000 ±10 jolts, acceleration of 10g, duration of impulse: 16ms.
- Mechanical impact resistance: IK08.
- The luminaire is manufactured according to the requirements of the standards: SR EN 60598-1, SR EN 60598-2-1.

Compliance with the European Directives

- Low Voltage Directive.
- Electromagnetic Compatibility Directive.

<table>
<thead>
<tr>
<th>Product type</th>
<th>Product code</th>
<th>Rated voltage [V]</th>
<th>Active power [W]</th>
<th>Protection degree</th>
<th>Class of protection against electric shock</th>
<th>Weight [Kg]</th>
<th>Total initial brut LEDs flux [lm]</th>
<th>Total luminous efficiency [lm/W]</th>
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</thead>
<tbody>
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<td>8.0</td>
<td>IP54</td>
<td>I</td>
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<td>24</td>
<td>6.1</td>
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