Hazardous Location Light

EXH - C2D2 LED

Multiple Rated Lighting
Dust: Class 2 Division 1 Rated
Gases: Class 1 Division 2 Rated
Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading dock
- Gas station
- Painting manufacture workshop
- Pumping station
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessel
- Military
- Flour mill
- Distillerie
- Power station
- Other high humidity, high temperature, dusty location...

Features

- High efficacy: up to 140lm/W
- CRI>70
- Surface mounting and pendant installation
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1598A/UL844
- CSA C22.2 No.137/No.250.0
  Class I, Division 2, Groups A,B,C,D
  Class II, Division 1, Groups E,F,G
  Class II, Division 2, Groups E,F,G
  Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5 years or other warranty period specified in agreement
- L70 rating for more than 150000 hours
**Typical Model Specification**

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Color Temp</th>
<th>Voltage</th>
<th>Lumens</th>
<th>Warranty</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX-10W H2YZDA</td>
<td>10</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>1400</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-20W H2YZDA</td>
<td>20</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>2800</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-30W H2YZDA</td>
<td>30</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>4200</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-30W H4YZDA</td>
<td>30</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>4200</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-40W H4YZDA</td>
<td>40</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>5600</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-50W H4YZDA</td>
<td>50</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>7000</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-60W H4YZDA</td>
<td>60</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>8400</td>
<td>5 years</td>
<td>70</td>
</tr>
</tbody>
</table>

“H”=Product series  “Y”=D or N: Dimmable or non-dimmable  “Z”= CCT, from 4000-5700K  “D”=Beam angle:120°

**Mechanical Information**

<table>
<thead>
<tr>
<th>Wattage</th>
<th>10-30 watt</th>
<th>40 to 60 watt</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24x4.7x9.5</td>
<td>47x4.7x9.5</td>
</tr>
</tbody>
</table>

**Structure Diagram**

The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

Light Distribution Pattern

Light intensity curve (60W)

Plane illuminance curve
**Mounting Method**

Explosion proof light can be surface and pendant mounted by bringing down a rigid conduit to the light fixture.

Mounting Option Note:
Pendant mounting option requires conduit be supplied by the installer.

**Rectangle luminaire mounting**