Hazardous Location Light

EXC Series
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 1, Groups C,D
  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>Product Number</th>
<th>Wattage</th>
<th>CCT</th>
<th>Voltage</th>
<th>Lumens</th>
<th>Working Hours</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX-60W CYZDA</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>
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<tr>
<td>EX-80W CYZDA</td>
<td>80</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>11200</td>
<td>5 years</td>
<td>70</td>
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<tr>
<td>EX-100W CYZDA</td>
<td>100</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>14000</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-150W CYZDA</td>
<td>150</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>21000</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-200W CYZDA</td>
<td>200</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>28000</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-240W CYZDA</td>
<td>240</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>33000</td>
<td>5 years</td>
<td>70</td>
</tr>
</tbody>
</table>

*C“=Product series  “Y“=D or N: Dimmable or non-dimmable  “Z“=CCT, from 4000-5700K  “D“=Beam angle: 40°, 60°, 90°, 120°, 140°

Mechanical Information

<table>
<thead>
<tr>
<th></th>
<th>Size (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC100-277V models</td>
<td>ø16x12.7</td>
</tr>
<tr>
<td>AC200-480V models</td>
<td>ø16x12.7</td>
</tr>
</tbody>
</table>

Structure Diagram
Safe.
Reliable.
Efficient.

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 (240W)**

**Plane illuminance curve**