HAZARDOUS LOCATION LIGHT
SPECIFICATION

EXD Series C1D1
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

Applications

This luminaire can be used as flood light, wall pack and area light which can provide general illumination in hazardous locations, such as:
1. Oil refineries and Gas station
2. Oil and gasoline loading dock
3. Distillery
4. Painting manufacturing plant
5. Pumping station
6. Mine
7. Vessel
8. Other high humidity, high temperature, dusty location
Professional Light Distribution

Typical model specification

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Voltage</th>
<th>Lumens</th>
<th>Working Hours</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX-20W D2YZDA</td>
<td>20</td>
<td>4000K-5700K</td>
<td>AC100-277V</td>
<td>2800</td>
<td>5 years</td>
<td>70</td>
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<tr>
<td>EX-40W D2YZDA</td>
<td>40</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>5600</td>
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<td>AC100-277V or AC200-480V</td>
<td>8400</td>
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<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>11200</td>
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<td>70</td>
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<tr>
<td>EX-100W DYZDA</td>
<td>100</td>
<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>14000</td>
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<td>EX-120W DYZDA</td>
<td>120</td>
<td>4000K-5700K</td>
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<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
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<td>EX-180W DYZDA</td>
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<td>5 years</td>
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<tr>
<td>EX-200W DYZDA</td>
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<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>28000</td>
<td>5 years</td>
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<td>EX-220W DYZDA</td>
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<td>4000K-5700K</td>
<td>AC100-277V or AC200-480V</td>
<td>30800</td>
<td>5 years</td>
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</tbody>
</table>

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

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
Hazardous Location Light

Mechanical information

<table>
<thead>
<tr>
<th></th>
<th>D Size (in)</th>
<th>D2 Size (in)</th>
</tr>
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<tbody>
<tr>
<td>AC100-277V models</td>
<td>15.7×11.3×10</td>
<td>11.6×11.6×9.55</td>
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<tr>
<td>AC200-480V models</td>
<td>15.7×11.3×10</td>
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Structure diagram