Applications

This device is ideal for emergency escape door, warehouse, factory, operation center, tunnel, and other hazardous locations where emergency exit indicators are required.

- All Petroleum Production & Refining
- Petroleum Loading & Transport
- Petroleum Storage & Retail
- All Types of Paint Facilities
- Pumping Stations in any Environment
- Metal Smelting, Foundry and Fabrication
- All Mining Operations & Service
- Ocean Platform Operational Facilities & Structure
- Aerospace Clean Room and Production
- Chemical Production & Storage
- Ocean Vessel Operations
- All Military Spec. Conditions
- Flour & Fine Particle Production and Storage
- Food & Distilling Production
- All Types of Electrical Power Generation & Stations
- Other high humidity, vapor, dust particle & high temperature locations

Features

- Good heat dissipation, long life span
- Shock- and vibration-resistant-tempered glass, reduces the risk of premature failure
- Explosion proof design can use in the hazardous application
- High strength aluminum alloy housing, can endure 20 J impact

Ratings and Certifications

- NEMA 4X, IP66
- UL1598A/UL844/UL924
- CSA C22.2 No.137
  CSA C22.2 No.250.0
  Class I Division 2,Groups A, B, C, D
  Class I Division 2,Groups F, G
  Class III
  UL Compliant
  ABS Compliant
- 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>Color Temperature</th>
<th>Voltage</th>
<th>Working Hours</th>
<th>CRI</th>
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</thead>
<tbody>
<tr>
<td>EX-36W2FT</td>
<td>36</td>
<td>2700K-6400K</td>
<td>AC100-277V</td>
<td>5 years</td>
<td>70</td>
</tr>
<tr>
<td>EX-48W2FT</td>
<td>48</td>
<td>2700K-6400K</td>
<td>AC100-277V</td>
<td>5 years</td>
<td>70</td>
</tr>
</tbody>
</table>

**Mechanical Information**

<table>
<thead>
<tr>
<th>Size (in)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AC100-277V models</td>
<td>24x5.4x3.5</td>
</tr>
</tbody>
</table>

**Structure Diagram**

![Structure Diagram](image)

**Technical Data**

- **Permissible ambient temperature:** -40°C to +45°C
- **Power:** 36W, 48W
- **Rated voltage AC:** 100V-277V
- **Frequency:** 50/60Hz
- **Power factor:** > 0.98
- **THD:** < 20%
- **Connecting terminals:** 3*1.0-4mm²(L+N+PE)
- **Insulation class:** I
- **Surge Protection:** 5KV
- **Degree of protection accd. EN 60529:** IP 66
- **Cable Entries:** 2XNPT 3/4" (M25 is optional)
- **Enclosure material:** Copper free aluminium alloy
- **Enclosure colour:** Orange, RAL2011 (optional grey RAL7040)
- **Coating:** Epoxy powder coating
- **Exposed fastener:** Stainless steel
- **Protective cover:** Tempered glass, Stand 7J impact
- **Weight:** 6.4kg