XPEL LED SERIES

Explosion Proof LED Emergency Light

- Class I, Division 1, Groups C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA, IIB
- UL 844, 1598, 8750 & 924
- UL 1598A Marine Outside Type (Salt Water)
- USCG Regulation 46 CFR Subparts 111.75-15 (e) & 112.43
- CUL
- IP65
- NEMA 4X
- Suitable for Wet Locations
- Patent Pending

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**XPEL SERIES**

**Explosion Proof LED Emergency Light**

**Key Features:**
1. High lumen spot lights (2) can be adjusted in horizontal and vertical planes
2. Unit can power up to 2 (optional) remote spot lights
3. Field replaceable LED circuit boards and drivers with quick disconnects
4. Emergency battery back-up integral to luminaire (no additional enclosure required)
5. 3-hour emergency operation

**Additional Features:**
- Wall, pendant and end mounting options
- Captive hinged-access door
- Wide- and narrow-beam optics available
- Separate push-to-test and pilot light for local and remote heads
- Provided with three (3) 1” NPT hubs

**Standard Materials:**
- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: One-piece neoprene
- Hardware: Stainless steel
Catalog Number Logic

**XPEL-U-2-2-M**

1. **BASIC SERIES**
   - XPEL
   - Class I, Division 1, Groups C & D
   - Class II, Division 1, Groups E, F & G
   - Class III
   - Class I, Zone 1, Groups IIA, IIB, UL 844, 1598, 8750 & 924
   - UL 1598A Marine Outside Type (Salt Water)
   - USCG Regulation 46 Sub Part 111.75-15(e) & 112.43
   - CUL
   - IP65
   - NEMA 4X
   - Suitable for Wet Locations

2. **VOLTAGE / FREQUENCY**
   - U = 120 thru 277V 50/60HZ

3. **INSTALLED HEADS**
   - 0 = None
   - 1 = One
   - 2 = Two

4. **REMOTE HEADS**
   - 0 = None
   - 1 = One
   - 2 = Two
   - 3 = Three
   - 4 = Four

5. **OPTIONS**
   - M = Medium Beam Optics (STANDARD)
   - N = Narrow Beam Optics
   - W = Wide Beam Optics

Maximum Input Power

XPEL Emergency Light with:
- 2 LED heads - 4 W
- 4 LED heads - 8 W

Maximum Output Data

Each Remote Head:
- Voltage: 22V DC. max.
- Current: 0.225 A (225mA)
- Max. Power: 5 W

Certification Guide

<table>
<thead>
<tr>
<th>XPEL Series Emergency Light</th>
<th>Ambient Temperature Range</th>
<th>Class I, Division 1 Groups C &amp; D</th>
<th>Class II, Division 1 Groups E, F &amp; G Class III</th>
<th>Simultaneous Presence Class I &amp; II</th>
<th>UL 1598A Marine</th>
<th>CUL</th>
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<tbody>
<tr>
<td>XPEL</td>
<td>+10° C to +55° C</td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td>Yes</td>
<td>Yes</td>
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</table>

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.
Photometric Data
XPEL LED head with medium beam optics:

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Total Lumens per Head</td>
<td>420.78</td>
</tr>
<tr>
<td>Output Power per Head</td>
<td>4.83</td>
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<tr>
<td>Efficacy (Lumens/Watts)</td>
<td>87.12</td>
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<tr>
<td>CRI</td>
<td>72</td>
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<tr>
<td>CCT</td>
<td>5672</td>
</tr>
<tr>
<td>Average Initial Footcandles at the Floor</td>
<td>1.49</td>
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<tr>
<td>Maximum Initial Footcandles at the Floor</td>
<td>2.80</td>
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<tr>
<td>Minimum Initial Footcandles at the Floor</td>
<td>0.50</td>
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<tr>
<td>Maximum to Minimum Ratio</td>
<td>5.60</td>
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</table>
XPEL Series

Explosion Proof • UL 844 • UL 1598 • UL 8750 • UL 924 • UL 1598A Marine Outside Type • CUL

LED

XPEL Series

XPEL Series Fixture Dimensions (inches)

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<table>
<thead>
<tr>
<th>XPEL SERIES</th>
<th>Shipping Weight</th>
<th>Shipping Volume</th>
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<tbody>
<tr>
<td>Emergency Light</td>
<td>35.0 lbs.</td>
<td>2.2 cu. ft.</td>
</tr>
<tr>
<td>Emergency Light with Remote Heads Option*</td>
<td>38.0 lbs.</td>
<td>2.2 cu. ft.</td>
</tr>
<tr>
<td>Remote Head Assembly</td>
<td>3.5 lbs.</td>
<td>0.27 cu. ft.</td>
</tr>
</tbody>
</table>

* Remote Head Assemblies are shipped separately.
(Additional weight of the emergency light is due to extra driver for remote heads.)