Explosionproof Rigmaster ™ LED Series Luminaires
Linear LED fixture for hazardous environments

**NEC/CEC:**
- Class I, Division 1, Groups C and D
- Class II, Division 1, Groups E, F, G
- Class III
- Class I Zone 1, Group IIB

**NEC/CEC:**
- Type 3R, 4, 4X, IP66
- Suitable for Use in Wet Locations

**NEC/CEC:**
- Marine Outside Type (Salt Water) – for US only
- American Bureau of Shipping (ABS) Certified

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### Applications
- For use in locations where:
  - Flammable gases, dusts and ignitable vapors are continually present
  - A high degree of corrosion resistance is required
  - Protection against dirt, water and moisture is necessary
  - Access to relamp is difficult
  - Extreme temperature conditions are present

### Typical applications include:
- Drilling rigs
- Offshore rigs
- Oil refineries
- Petrochemical facilities
- Foundries
- Waste and sewer treatment
- Mining and underground tunnels
- Power generation
- Paint booth

### Features
- Low fixture profile allows installation in compact spaces
- Two sizes and output options deliver up to 7530 lumens.

### Fluorescent Equivalent

<table>
<thead>
<tr>
<th>Nominal Lumens②</th>
<th>Lamp Wattage</th>
<th>Lamp Type</th>
<th>Quantity</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>4310</td>
<td>32W</td>
<td>T8</td>
<td>2</td>
<td>ERM*2</td>
</tr>
<tr>
<td>7530</td>
<td>32W</td>
<td>T8</td>
<td>3</td>
<td>ERM*4</td>
</tr>
</tbody>
</table>

② Nominal lumen value for 5000K, clear Lens. detailed lumen information is provided in data tables

- Choice of color temperature (CCT): 5000K cool white, 4000K neutral white or 3000K warm white with minimum 80 CRI.
- Field replaceable lens, LED driver, battery pack and battery management module (BMM)
- Two unique mounting bracket options allow for mounting in any location and retrofitting third party fixtures.
- For ease of retrofitting, mounting brackets accommodate most bolt patterns for Crouse-Hinds™, Dialight™ and other manufacturers. See compatibility chart below on page 10.
- Power leads are shipped with wire-nuts as standard.
- Emergency version is suitable for mounting heights up to 15 ft for 90 minute duration and up to 12 ft for 180 minute duration.
- Loop in/out wiring capability for interconnecting fixtures.
- Precision threaded wire cover provides hassle free access to wiring department for easy installation and maintenance.
- Up to 4 casted points for secondary safety retention.
- Standard 6kV surge protection.
- Fixture position locking mechanism provides ease and consistency of aiming.
- Rugged housing with superior thermal design translates to long luminaire life.
- Ambient Temperature①: -40˚C to +65˚C (-40˚F to +149˚F)
- LED L70 of 60,000 hours reported at +65˚C (+149F).
- Photometric data and electronic drawings available upon request.
- Ambient Temperature for Emergency Version: -20˚C to +55˚C (-4˚F to +131˚F).

### Options
- Brackets can be factory installed or purchased separately.
- Safety cable can be purchased separately or configured as an add on option to be shipped with the LED fixture.
- Standard ¾” NPT threads with ½” option.
- Emergency battery back up option for 90 or 180 minutes

### Standard Materials
- Housing: copperfree (4/10 of 1% max.) aluminum
- Lens: thermal shock- and impact-resistant glass lens
- Gasket: silicone rubber
- Bolts: Highly corrosion resistant stainless steel (SS 316)
- Close up plugs: (1) aluminum provided
- Mounting brackets: Zinc plated steel

### Standard Finishes
- Housing: gray epoxy powder coat finish, electrostatically applied for complete uniform protection

### NEC/CEC Certifications and Compliances
- CSA Standard: CSA C22.2 No. 94.1-15, CSA C22.2 No 94.2 -15, CSA C22.2 No 137-18, CSA 22.2 No 250.0-18, CSA 22.2 No 250.13-17, CSA C22.2 No 60529 -16, CSA C22.2 No 141-15
- ANSI Standard: ANSI/IEC 60529
- Rigmaster Standard:
  - UL Certified, File Number: E10794
  - Rigmaster Emergency
  - UL Certified, File Number: E175025

### Related Products
- Industrial Rigmaster LED Luminaries
- Hazardous CID2 Rigmaster LED Luminaires

### DesignLights™ Consortium
- Check DLC QPL for current list of products.
Explosionproof Rigmaster™ LED Series Luminaires

Linear LED fixture for hazardous environments

Illustrated Features

Flexibility and Ease of Use

Precision threaded wirebox and cover allows hassle free access to power leads for easy wiring and maintenance in challenging conditions. Cover is secured with a safety chain to prevent accidental disengagement and enhances workplace safety.

Notched position locking mechanism enables multiple fixtures to be aimed consistently without spending significant time.

Rigmaster offers a NPT hub on each end for through wiring. The power leads are placed inside the wiring compartment and can be easily accessed by removing the tool-less wire box cover.

Choose from three color temperatures (CCT): 3000K, 4000K, and 5000K.

Standard linear light distribution pattern: wide distribution maximizes spread and work plane brightness to optimize number of luminaires needed.

Configurable Options

Mounting Brackets: Choose to mount your Rigmaster using one of these distinctly designed brackets to best suit your installation needs. All brackets can be factory installed to save time in the field or purchased separately.

Large Swivel Bracket: Can be used to tilt and aim the fixture up to 90 degrees in increments of 15 degrees using the pre-notched locking mechanism.

Low Profile Bracket: This fixed position bracket can be used to lower overall mounting profile in low ceiling applications.

Safety Features

Safety cables: can be purchased separately or included with fixture to reduce ordering and receiving complexity.

Up to four points for secondary retention provide protection against infield vibration.

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---

Order using catalog numbering guides below.

<table>
<thead>
<tr>
<th>ERM</th>
<th>B</th>
<th>4</th>
<th>2</th>
<th>C</th>
<th>L</th>
<th>BU</th>
<th>N</th>
<th>G</th>
<th>W</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERM - Explosionproof</td>
<td>Rigmaster</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linear LED</td>
<td>CID1</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mounting:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N - If None (Use if Ordering Appleton Bracket Separately)</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B - Large Swivel Bracket</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L - Low Profile Bracket</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Hub Size: | | | | | | | | | |
| 1 - (4) 1/2” NPT | | | | | | | | | |
| 2 - (4) 3/4” NPT | | | | | | | | | |

| Light Distribution Pattern: | Voltage: | Wiring Method: |
| L - Linear Pattern (non-optic) (standard) | BU - 120-277 Vac; 125-300 Vdc BH - 347-480 Vac | W - Wire Nuts (Standard) |

| Color: | Color Temperature: |
| G - Appleton Gray (Standard) | C - Cool 5000K N - Neutral 4000K W - Warm 3000K |

| Lumen (nominal): | Lens Material: | Emergency: | Option: |
| 2 - 4,310 Lumens (2') | C - Clear Glass | N - If None (Standard) H - 90 minutes E - 180 minutes | Blank - If None 1 - (1) Safety Cable 2 - (2) Safety Cables |
| 4 - 7,530 Lumens (4') | | | |

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© Emergency battery back up version is only available with BU voltage configuration for 120-277Vac operation.
© For lumen output information, see Lumen Values Table.
© Brackets and safety cables can be ordered separately or included with fixture. See Ordering Table for more information.
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### Lumen Values Table

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Lumen Output (Efficacy) for Clear Glass Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ERM*2</td>
</tr>
<tr>
<td></td>
<td>Lumens</td>
</tr>
<tr>
<td>5000K, 80 CRI, Clear Glass Lens</td>
<td>4310</td>
</tr>
<tr>
<td>4000K, 80 CRI, Clear Glass Lens</td>
<td>4125</td>
</tr>
<tr>
<td>3000K, 80 CRI, Clear Glass Lens</td>
<td>4070</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lumen Output in Emergency Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 Minute</td>
</tr>
<tr>
<td>5000K CCT, 80 CRI</td>
</tr>
<tr>
<td>4000K CCT, 80 CRI</td>
</tr>
<tr>
<td>3000K CCT, 80 CRI</td>
</tr>
</tbody>
</table>

① All lumen values are typical (tolerance +/- 10%)
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**Emergency Battery Backup Functionality – Automatic Testing System (ATS)**

<table>
<thead>
<tr>
<th>Functional</th>
<th>Full Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starts within 24 to 45 hours after the initial powerup of the module</td>
<td>Starts within 5 to 26 days after the initial power of the module</td>
</tr>
<tr>
<td>Occurs every 14 days after the initial aforementioned functional test</td>
<td>Occurs every 364 days after the initial aforementioned functional test</td>
</tr>
<tr>
<td>Lasts for 5 minutes</td>
<td>Lasts for the full duration of the rated emergency period</td>
</tr>
</tbody>
</table>

At the completion of functional and full duration tests, LED indicator will display the status of the emergency luminaire when AC is present.

---

**LED Signals**

<table>
<thead>
<tr>
<th>Indicator Color</th>
<th>Timing</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>1 sec ON: 1 sec OFF</td>
<td>Normal charging ok, Battery not yet fully charged, No fault detected, Testing ok</td>
</tr>
<tr>
<td>Green</td>
<td>0.25 sec ON: 0.25 sec OFF</td>
<td>Functional / Duration Self-Test on-going</td>
</tr>
<tr>
<td>Green</td>
<td>Steady ON</td>
<td>Charging ok, Battery fully charged, No fault detected, Testing ok</td>
</tr>
<tr>
<td>Red</td>
<td>1 sec ON: 1 sec OFF</td>
<td>Fault condition. Installation issue. Battery is reverse, not connected or shorted. Functional test failure, full duration test failure</td>
</tr>
</tbody>
</table>

**LED Indicators OFF, LED Array ON**

- **LED Indicator Lights (Red and Green) OFF**
  - **No AC, Emergency mode ON**

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<tr>
<th>NEC/CEC: Class I, Division 1, Groups C and D</th>
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<th>NEC/CEC: Suitable for Use in Wet Locations</th>
<th>NEC/CEC: American Bureau of Shipping (ABS) Certified©</th>
</tr>
</thead>
</table>

### Electrical Ratings

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Input Power</th>
<th>Input Current (amp)</th>
<th>Power Factor</th>
<th>THD</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 Vac</td>
<td>33</td>
<td>0.28</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>277 Vac</td>
<td>33</td>
<td>0.12</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>BU</td>
</tr>
<tr>
<td>125 Vdc</td>
<td>33</td>
<td>0.27</td>
<td>NA</td>
<td>NA</td>
<td>ERM*2</td>
</tr>
<tr>
<td>300 Vdc</td>
<td>33</td>
<td>0.11</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>347 Vac</td>
<td>36</td>
<td>0.11</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>BH</td>
</tr>
<tr>
<td>480 Vac</td>
<td>36</td>
<td>0.08</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>120 Vac</td>
<td>55</td>
<td>0.47</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>BU</td>
</tr>
<tr>
<td>277 Vac</td>
<td>55</td>
<td>0.20</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>125 Vdc</td>
<td>55</td>
<td>0.44</td>
<td>NA</td>
<td>NA</td>
<td>ERM*4</td>
</tr>
<tr>
<td>300 Vdc</td>
<td>55</td>
<td>0.18</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>347 Vac</td>
<td>56</td>
<td>0.16</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>BH</td>
</tr>
<tr>
<td>480 Vac</td>
<td>56</td>
<td>0.12</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td></td>
</tr>
</tbody>
</table>

### Electrical Ratings - Emergency Version

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Input Power</th>
<th>Input Current (amp)</th>
<th>Power Factor</th>
<th>THD</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 Vac</td>
<td>39</td>
<td>0.35A</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>BU</td>
</tr>
<tr>
<td>277 Vac</td>
<td>39</td>
<td>0.15A</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>120 Vac</td>
<td>60</td>
<td>0.57A</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>BU</td>
</tr>
<tr>
<td>277 Vac</td>
<td>60</td>
<td>0.20A</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td></td>
</tr>
</tbody>
</table>

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Ambient Temperature Range: -40 °C to +65 °C (-40 °F to +149 °F).
Ambient Temperature Range: -20 °C to +55 °C (-4°F to +131 °F)

T numbers represent the maximum internal temperature for Class I Division 1 and Class II Division 1 locations designated by the NEC.

T numbers represent the maximum surface temperature under a dust blanket for Class II, Division 2 as designated by the NEC.

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### NEC/CEC Temperature Codes

<table>
<thead>
<tr>
<th>Ambient Temperature °C (°F)</th>
<th>Supply wire Temperature °C (°F)</th>
<th>Class I, Division 1 Groups C and D</th>
<th>Class II, Division 1, Groups E, F and G</th>
<th>Simultaneous Class I Division 1 Groups C &amp; D and Class II Division 1 Groups E, F &amp; G</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 (104)</td>
<td></td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td></td>
</tr>
<tr>
<td>55 (131)</td>
<td>90 (194)</td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td>ERM*2</td>
</tr>
<tr>
<td>65 (149)</td>
<td></td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
<td></td>
</tr>
<tr>
<td>40 (104)</td>
<td></td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td></td>
</tr>
<tr>
<td>55 (131)</td>
<td>90 (194)</td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td>ERM*4</td>
</tr>
<tr>
<td>65 (149)</td>
<td></td>
<td>T6</td>
<td>T5</td>
<td>T5</td>
<td></td>
</tr>
</tbody>
</table>

### NEC/CEC Temperature Codes - Emergency Version

<table>
<thead>
<tr>
<th>Ambient Temperature °C (°F)</th>
<th>Supply wire Temperature °C (°F)</th>
<th>Class I, Division 1 Groups C &amp; D</th>
<th>Class II, Division 1, Group E, F &amp; G</th>
<th>Simultaneous Class I Division 1 Groups C &amp; D and Class II Division 1 Groups E, F &amp; G</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 (104)</td>
<td></td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td></td>
</tr>
<tr>
<td>55 (131)</td>
<td>90 (194)</td>
<td>T6</td>
<td>T6</td>
<td>ERM*2</td>
<td></td>
</tr>
<tr>
<td>40 (104)</td>
<td></td>
<td>T6</td>
<td>T6</td>
<td>T6</td>
<td>ERM*4</td>
</tr>
<tr>
<td>55 (131)</td>
<td>90 (194)</td>
<td>T6</td>
<td>T6</td>
<td>ERM*4</td>
<td></td>
</tr>
</tbody>
</table>

**T** Numbers Represent the Maximum Internal Temperature or Maximum Surface Temperature

### NEC/CEC

<table>
<thead>
<tr>
<th>&quot;T&quot; #</th>
<th>T1</th>
<th>T2</th>
<th>T3</th>
<th>T4</th>
<th>T5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp. Range °C (°F)</td>
<td>351 - 450</td>
<td>326 - 350</td>
<td>301 - 325</td>
<td>281 - 300</td>
<td>261 - 280</td>
</tr>
<tr>
<td>642 - 651</td>
<td>574 - 584</td>
<td>538 - 448</td>
<td>421 - 394</td>
<td>331 - 335</td>
<td>277 - 332</td>
</tr>
</tbody>
</table>

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### Standard Mounting Brackets

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions mm (in)</th>
<th>Weight kg (lbs)</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Swivel Bracket</td>
<td></td>
<td>1.5 (3.3)</td>
<td>ERMLSB</td>
</tr>
<tr>
<td>Low Profile Bracket</td>
<td></td>
<td>1.3 (2.8)</td>
<td>ERMLPB</td>
</tr>
</tbody>
</table>

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Suitable for Use in Wet Locations

NEC/CEC:
Marine Outside Type (Salt Water) – for US only®
American Bureau of Shipping (ABS) Certified®

Emergency Version Mounting Brackets

<table>
<thead>
<tr>
<th>Dimensions mm (in)</th>
<th>Description</th>
<th>Weight kg (lbs)</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rrigmaster</td>
<td>Emergency</td>
<td>1.8 (4.0)</td>
<td>ERMHLSB</td>
</tr>
<tr>
<td>Rigmaster</td>
<td>Emergency Swivel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rigmaster</td>
<td>Low Profile Fixed</td>
<td>1.6 (3.5)</td>
<td>ERMHLPB</td>
</tr>
<tr>
<td></td>
<td>Bracket</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

© Applicable to standard (non emergency) fixtures only.

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Explosionproof Rigmaster™ LED Series Luminaires
Linear LED fixture for hazardous environments

NEC/CEC:
Class I, Division 1, Groups C and D
Class II, Division 1, Groups E, F, G
Class III
Class I Zone 1, Group II

Description
Catalog Numbers

Safety Cables
Stainless Steel Safety Cables
LEDSC

Replacement Battery Management Module
BMMRM

Replacement Battery Pack
BPMLLED

Retrofit Bracket Compatibility - Standard Version
For customers trying to retrofit an existing fixture, use the table below as a guide to select the best bracket to suit your needs

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Part Number</th>
<th>ERMLSB - Large Swivel Bracket</th>
<th>ERMLPB - Low Profile Bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crouse Hinds™</td>
<td>DP1057MTK</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dialight™</td>
<td>LTXW4</td>
<td>X</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>LSXW5</td>
<td>—</td>
<td>X</td>
</tr>
<tr>
<td>AZZ™ Rig-A-Lite™</td>
<td>53050</td>
<td>X</td>
<td>—</td>
</tr>
<tr>
<td>Appleton Accessories</td>
<td>GRFC75A junction box</td>
<td>X</td>
<td>—</td>
</tr>
</tbody>
</table>

Retrofit Bracket Compatibility - Emergency Version
For customers trying to retrofit an existing fixture, use the table below as a guide to select the best bracket to suit your needs

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Part Number</th>
<th>ERMHLSB – Emergency Swivel Bracket</th>
<th>ERMHLPB – Emergency Low Profile Bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crouse Hinds™</td>
<td>DP1057MTK</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dialight™</td>
<td>LTXW4</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>LSXW5</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>AZZ™ Rig-A-Lite™</td>
<td>53050</td>
<td>X</td>
<td>—</td>
</tr>
</tbody>
</table>

Accessories and Replacement Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel Safety Cables</td>
<td>LEDSC</td>
</tr>
<tr>
<td>Replacement Battery Management Module</td>
<td>BMMRM</td>
</tr>
<tr>
<td>Replacement Battery Pack</td>
<td>BPMLLED</td>
</tr>
</tbody>
</table>

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The above information is strictly for guidance purposes and does not guarantee compatibility and fit. Please carefully review bolt patterns on each bracket to ensure it meets your needs.

Applicable to standard (non emergency) fixtures only.

Crouse-Hinds is a registered trademark of Eaton Corporation.

Dialight is a registered trademark of Dialight.

AZZ and Rig-A-Lite are registered trademarks of AZZ.
Replacement Drivers

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Voltage</th>
<th>Constant Current Settings</th>
<th>Wattage</th>
<th>Luminaire Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>APM050C135UD060</td>
<td>BU</td>
<td>600 mA</td>
<td>50W</td>
<td>ERM*2</td>
</tr>
<tr>
<td>APM050C135HD060</td>
<td>BH</td>
<td>600 mA</td>
<td>50W</td>
<td>ERM*2</td>
</tr>
<tr>
<td>APM050C135UD104</td>
<td>BU</td>
<td>1040 mA</td>
<td>50W</td>
<td>ERM*4</td>
</tr>
<tr>
<td>APM050C135HD104</td>
<td>BH</td>
<td>1040 mA</td>
<td>50W</td>
<td>ERM*4</td>
</tr>
</tbody>
</table>

Replacement Lenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Luminaire Model</th>
<th>Quantity per luminaire</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Glass Lens</td>
<td>ERM*2</td>
<td>1</td>
<td>ERMCL</td>
</tr>
<tr>
<td></td>
<td>ERM*4</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

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Explosionproof Rigmaster™ LED Series Luminaires
Linear LED fixture for hazardous environments

Dimensions in Millimeters (Inches)

<table>
<thead>
<tr>
<th>Model #</th>
<th>Lumens</th>
<th>Weight kg (lb)</th>
<th>Length m (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERM*2</td>
<td>4310</td>
<td>8.9 (19.6)</td>
<td>0.57 (1.9)</td>
</tr>
<tr>
<td>ERM*4</td>
<td>7530</td>
<td>13.4 (29.5)</td>
<td>1.15 (3.8)</td>
</tr>
</tbody>
</table>

Note: weight of brackets are not included

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Explosionproof Rigmaster™ LED Series Luminaires
Linear LED fixture for hazardous environments

NEC/CEC:
Class I, Division 1, Groups C and D
Class II, Division 1, Groups E, F, G
Class III
Class I Zone 1, Group IIB

NEC/CEC:
Type 3R, 4, 4X, IP66
Simultaneous Exposure
Suitable for Use in Wet Locations

NEC/CEC:
Marine Outside Type (Salt Water) – for US only
American Bureau of Shipping (ABS) Certified

Applicable to standard (non emergency) fixtures only.

Dimensions in Millimeters (Inches)

Product Weight and Length

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight kg (lb)</th>
<th>Length m (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERM²2 - Emergency</td>
<td>12.8 (28.2)</td>
<td>0.57 (1.9)</td>
</tr>
<tr>
<td>ERM⁴4 - Emergency</td>
<td>18.4 (40.6)</td>
<td>1.15 (3.8)</td>
</tr>
</tbody>
</table>

Note: weight of brackets are provided separately

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Explosionproof Rigmaster™ LED Series Luminaires
Linear LED fixture for hazardous environments

Photometric Data — DATA SHOWN IS ABSOLUTE
2ft, Clear Glass Lens, 5000K CCT
Luminaire Lumens 4326.5

POLAR CANDELA DISTRIBUTION ISOFootCANDLE PLOT

ZONAL LUMEN SUMMARY

Zone  Lumens  % Lamp  % Luminaire
0-30   2,246.9  28.8%   28.8%
0-40   2,062.9  27.8%   27.8%
0-60   3,703.1  50.0%   50.0%
60-90  609.8   8.6%    8.6%
70-100 131.1    1.8%   1.8%
90-120  2.4    0.0%    0.0%
0-90   4,312.9  99.7%  99.7%
90-180 13.0    0.3%    0.3%
0-180  4,325.9 100%    100%

LUMENS PER ZONE

Zone  Lumens  % Total  Zone  Lumens  % Total
0-10  149.6    3.5%  90-100  0.2  0%
10-20 432.2   10.0%  100-110  0.7  0%
20-30 665.1   15.4%  110-120  1.5  0%
30-40 816.1   19.9%  120-130  2.4  0.1%
40-50 859.6   20.1%  130-140  2.4  0.1%
50-60 780.6   18.0%  140-150  2.3  0.1%
60-70 478.8   11.1%  150-160  1.9  0%
70-80 120.4    2.8%  160-170  1.4  0%
80-90 10.6    0.2%  170-180  0.5  0%

4ft, Clear Glass Lens, 5000K CCT
Luminaire Lumens 7647.5

POLAR CANDELA DISTRIBUTION ISOFootCANDLE PLOT

ZONAL LUMEN SUMMARY

Zone  Lumens  % Lamp  % Luminaire
0-30  2,221.6  29.1%   29.1%
0-40  3,680.0  48.1%   48.1%
0-60  6,587.3  86.1%   86.1%
60-90 1,040.7  13.6%   13.6%
70-100 223.5   2.9%    2.9%
80-90  10.6    0.1%    0.1%
0-90  7,628.1  99.7%  99.8%
90-180 13.4    0.2%    0.2%
0-180 7,646.5 100%    100%

LUMENS PER ZONE

Zone  Lumens  % Total  Zone  Lumens  % Total
0-10  265.0    3.5%  90-100  0.5  0%
10-20 769.1   10.1%  100-110  1.3  0%
20-30 1,187.6  15.5%  110-120  2.3  0%
30-40 1,458.4  19.1%  120-130  3.0  0%
40-50 1,530.8  20.0%  130-140  3.2  0%
50-60 1,376.5  18.0%  140-150  3.1  0%
60-70 817.7   10.7%  150-160  2.5  0%
70-80 205.0   2.7%  160-170  1.8  0%
80-90  18.1    0.2%  170-180  0.7  0%

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Explosionproof Rigmaster™ LED Series Luminaires
Linear LED fixture for hazardous environments

Photometric Data — DATA SHOWN IS ABSOLUTE
2ft Clear Glass Lens, 5000K CCT — 90 min Emergency Mode
Luminaire Lumens 1287.4

4ft Clear Glass Lens, 5000K CCT — 90 min Emergency Mode
Luminaire Lumens 1316.7

Historical Notes and Data