



RIGMASTER™ LED LUMINAIRES FOR CLASS I, DIVISION 2 LOCATIONS

FEATURES

- Lightweight design makes mounting and installation easy.
- Choice of clear or diffused polycarbonate lens for optimal work plane brightness in a variety of applications.
- 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)
- Three unique mounting bracket options allow for mounting in any location and retrofitting third party fixtures.
- Wirenuts and screw terminal block^① option for added flexibility.
- Hinged wire compartment cover is secured with captive screws for safety and convenience.
- Emergency version is suitable for heights up to 14 feet.
- Loop in/out wiring capability for inter connecting fixtures
- Standard screw-type terminal block can accept UL/CSA 22-12 AWG wire.
- 5 casted points for secondary safety retention.
- Standard 6 kV surge protection.
- Fixture position locking mechanism provides ease and consistency of aiming.

- LED L70 of 60,000 hours reported at +65 °C (+149 °F).

SUITABLE LOCATIONS

- For use in locations where:
 - Flammable gases and dusts are present
 - A high degree of corrosion resistance is required
 - Protection against dirt, water and moisture is necessary
- Typical applications include:
 - Drilling rigs
 - Oil refineries
 - Petrochemical facilities
 - Waste and sewer treatment
 - Underground tunnels
 - Analyzer houses
 - Offshore rigs
 - Cooling towers

STANDARD MATERIALS

- Housing: copperfree (4/10 of 1% max.) aluminum
- Lens: thermal shock- and impact-resistant polycarbonate lens
- Gasket: silicone rubber, mechanically secured
- Bolts: stainless steel
- Close up plugs: (3) aluminum provided
- Mounting brackets: Zinc plated steel

STANDARD FINISHES

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

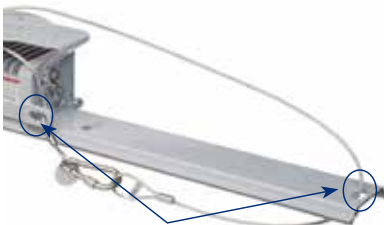
NEC/CEC RATINGS

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC
- Simultaneous Exposure
- Class II, Zone 22
- Type 3R, 4, 4X, IP66
- Marine Outside Type [Ⓜ]
- Suitable for Use in Wet Locations

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- UL Standard: UL 924; UL 844; UL 1598; UL 50E; UL 8750
- CSA Standard: C22.2 No. 0 - 10; C22.2 No. 94.2 - 15; C22.2 No. 137-18; C22.2 No 141-15; C22.2 No. 250.0 - 18; C22.2 No. 250.13 -17; C22.2 No. 60529-16
- NEMA ANSI/IEC Standards: 60529
- Rigmaster Standard:
 - cCSAus: 164460, Certificate Number: 70212106
- Rigmaster Emergency:
 - cCSAus: 164460, Certificate Number: 70218504

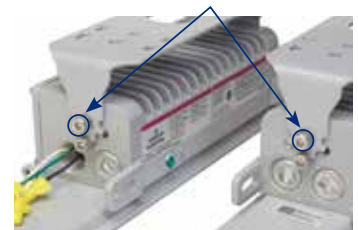
ILLUSTRATED FEATURES



Multiple points for secondary safety retention are built into the fixture for a more secure and convenient installation.



Wiring compartment and hinged front cover are secured with captive screws for convenient wiring and hassle free installation.



Bracket position locking mechanism provides ease and consistency of aiming.

^① Terminal block option available for BU voltage configuration only.

[Ⓜ] Applicable to standard (non emergency) fixtures only.

APPLETON™

For product information:
www.masteringled.com
 1.800.621.1506


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| Standard Catalog Numbers | | RM *2 | RM *4 |
|---|----|---|------------------|
| Fluorescent Equivalent | | 2 x 32W T8 lamps | 3 x 32W T8 lamps |
| Voltage Range | BU | 120-277 Vac, 50/60Hz, 125-300 Vdc | |
| | BH | 347-480 Vac | |
| Nominal LED Lumens (@ 5000K, Clear) | | 4,390 | 7,650 |
| Nominal LED Lumens (5000K Clear, 90 mins) | | 1,350 | |
| Efficacy | | 138 | 146 |
| T - Rating - Standard Version | | T4 @ +65 °C (+149 °F) | |
| T - Rating - Emergency Version | | T4 @ +55 °C (+131 °F) | |
| Ambient Temperature - Standard Version | | -40 °C to +65 °C (-40 °F +149 °F) | |
| Ambient Temperature - Emergency Version | | -20°C to +55°C (-4°F to + 131°F) | |
| CCT/CRI | | 3000K/4000K/5000K @ 80+ CRI | |
| Fixture Weight - Standard Version | | 3.7 kg (8.2 lb) | 4.6 kg (10.1 lb) |
| Fixture Weight - Emergency Version | | 7.6 kg (16.8 lb) | 8.6 kg (19.0 lb) |
| Standard Materials | | Housing: copperfree aluminum Finish: gray epoxy power coat Lens: thermal shock- and impact-resistant polycarbonate lens | |
| Lifetime | | L70 60,000 Hrs @ 65 °C | |
| Warranty | | 5 years standard | |

CATALOG ORDERING GUIDE

| | | | | | | | | | | | |
|--|--|--|---|---|--|--|---|---|---|--|---|
| RM Series: RM - Rigmaster Linear LED | A Mounting ③④: N - If None (Use if Ordering Appleton Bracket Separately) A - Small Swivel Bracket B - Large Swivel Bracket L - Low Profile Bracket | 2 Lumen (nominal) ①: 2 - 4,390 Lumens (2') 4 - 7,650 Lumens (4') | 2 Hub Size: 1 - (4) 1/2" NPT 2 - (4) 3/4" NPT | C Color Temperature: C - Cool 5000K N - Neutral 4000K W - Warm 3000K | D Lens Material ⑥: D - Diffused Polycarbonate P - Clear Polycarbonate | L Light Distribution Pattern: L - Linear Pattern | BU Voltage ⑤: BU - 120-277 Vac; 125-300 Vdc BH - 347-480 Vac | N Emergency: N - If None (Standard) H - 90 Minutes E - 180 Minutes | G Color: G - Appleton Gray (Standard) | W Wiring Method: W - Wire Nuts (Standard) T - Fixed Terminal Block⑥ | 2 Option ③: Blank - If None 1 - (1) Safety Cable 2 - (2) Safety Cables |
|--|--|--|---|---|--|--|---|---|---|--|---|

① For lumen output information, see product catalog.

② Terminal block option available for BU voltage configuration only.

③ Brackets and safety cables can be ordered separately or included with fixture.

④ Mounting option A is not available with emergency version.

⑤ Emergency battery back up version is only available with BU voltage configuration for 120-277V operation.

⑥ Emergency battery back up version is only available with clear polycarbonate lens option

Note: Exclusions may apply. See catalog for full specifications.