



INDUSTRIAL RIGMASTER™ LED LUMINAIRES

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.
- Emergency version is suitable for heights up to 14 feet.
- Hinged wire compartment cover is secured with captive screws for safety and convenience.
- 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:
 - Low clearance heights are needed
 - A high degree of corrosion resistance is required
 - Protection against dirt, water and moisture is necessary
- Typical industries include:
 - Petrochemical facilities
 - Waste and sewer treatment
 - Pulp and paper mills
 - Food processing plants
 - Foundries
 - General manufacturing facilities
 - Underground tunnels

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

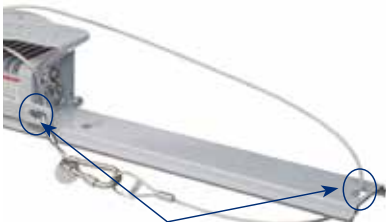
NEC/CEC RATINGS

- cCSAus Listed
- Type 3R, 4, 4X, IP66
- Simultaneous Exposure
- Suitable for Use in Wet Locations
- Marine Outside Type (Salt Water) For USA Only^②
- American Bureau of Shipping (ABS) Certified

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- UL Standard: UL 924; UL 844; UL 1598; UL 1598A; 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
- Industrial Rigmaster Standard:
 - cCSAus: 164460, Certificate Number: 70208309
- Industrial Rigmaster Emergency:
 - cCSAus: 164460, Certificate Number: 70218502

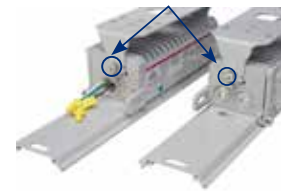
ILLUSTRATED FEATURES



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.
^② Applicable to standard (non emergency) fixtures only.

APPLETON™

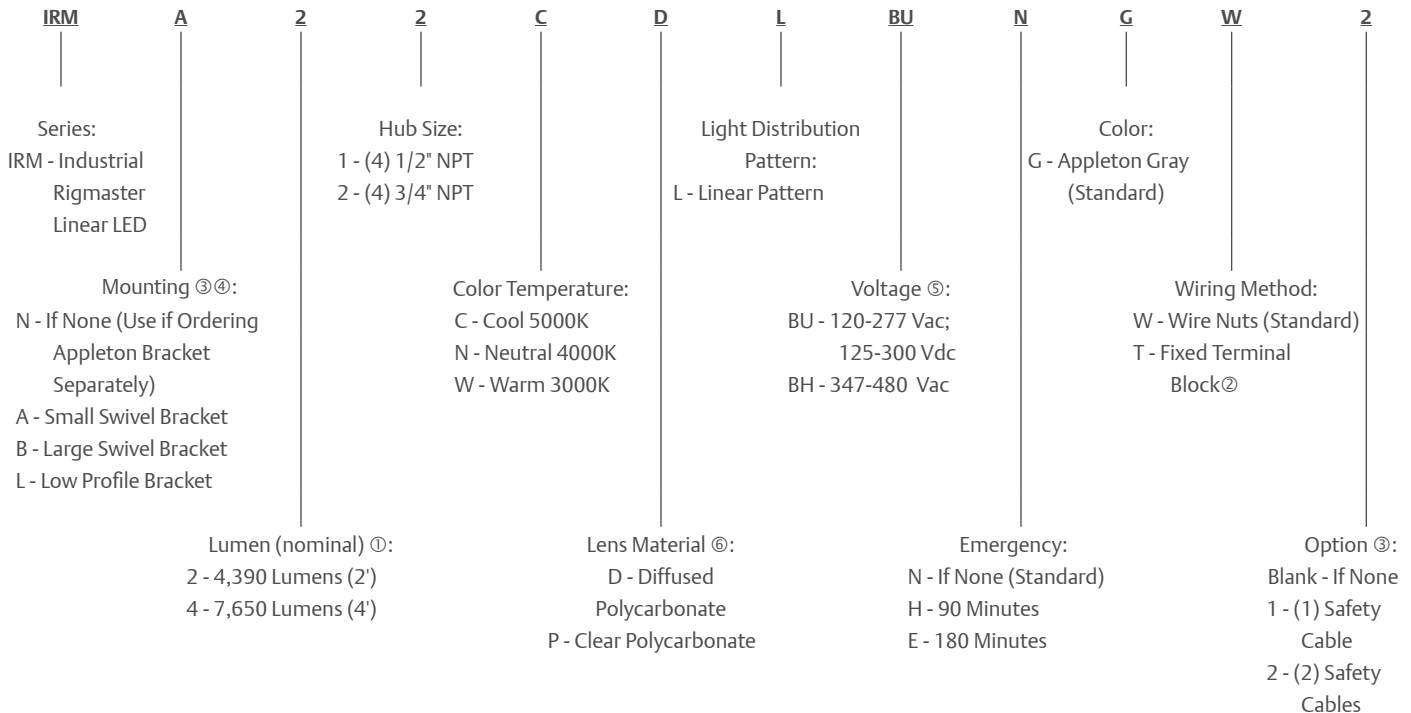
For product information:
www.masteringled.com
 1.800.621.1506


EMERSON™

CONSIDER IT SOLVED™

Standard Catalog Numbers		IRM*2	IRM*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
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



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. See Ordering Table for more information.
 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.

