Larson Electronics LLC
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RNT-EPL-MB-150LED-LV-100

RENTAL Low Voltage Explosion Proof LED Light - Magnetic Mount - 150 Watts - Aluminum Base - C1D1

Product ID: 105146

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

RNT-EPL-MB-150LED-LV-100 Magnetic Explosion Proof Light

Listing: United States
Lamp Type: Cree LED

Dimensions: 16" x 14" Light head

Weight: 30 Lbs

Voltage: Universal voltage 12-24V AC or DC

Total Watts: 150 watts

Total Lumens: 17,500

Luminous Efficacy: 116.67 Lm/W

LED Lamp Life Expectancy: 50,000+ Hours

Color Temp: 5000K, 4000K, 3000K

Color Rendering Index: >75 CRI

Beam Lux: 8500@ 1 Meter 1250@ 3 Meters

Operating Temp Range: T5 Rated -40°C to +65°C

Mounting: Aluminum Base Stand

Wiring: 100 feet SOOW Cord Explosion Proof Straight Blade Plug

Rental Type: Monthly, Weekly, Daily

Rentals: In an effort to cut back on contracts and various other paper work, Larson Electronics processes rentals like purchases until the product is returned. (Rent to

Ratings/Approvals

Class 1 Division 1, Groups C and D
Class 1 Division 2, Group C,D

Class II, Division 1 - 2, Groups E,F,G

ETL Certified U.S. Standards

ECP1523 Class 1 explosion proof plug

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Own Rates) This means, we will charge the customer for the product total and credit back the difference once the fixture is returned. Weekly and Monthly terms are available. Customer must pay shipping to and from the destination. Please contact us at (903) 498-3363 for further information if required.
Rental Prices for the RNT-EPL-16BS-1X150LED-100;
Monthly...$295.86 USD
Weekly...$154.00 USD

Subtract rental cost from total cost for the amount that will be credited back to customer upon return of product. Customer can choose to convert their rental to a purchase at any time during the rental period. When returned, deductions will also be made for shipping, repairs, and excessive cleaning, if needed.

Made in the USA

This unit is for rentals. Please scroll down for rental rates

The RNT-EPL-MB-150LED-LV-100 Magnetic Mount Explosion Proof LED Light from Larson Electronics is rated Class 1 Division 1-2 Groups C & D and Class 2 Division 1-2 and uses a low profile Cree LED light head to produce 17,500 lumens of light while drawing only 150 watts.

The magnetic mount explosion proof LED light provides 9,000 square feet of work area coverage with 17,500 lumens of light output. This portable LED light is mounted to a portable aluminum frame base with legs and has a low profile LED light head measuring 16 by 14 inches. This unit includes a magnetic mounting attachment that allows mounting the fixture to metallic surfaces for added versatility and easy setup. The LED light head on this unit produces a brilliant flood pattern of light that is ideal for illuminating enclosed areas and hazardous locations where flamable vapors, gases and dusts may be present.

This explosion proof LED light fixture is comprised of a 16x14 inch LED light head mounted atop a legged base stand fabricated from non sparking aluminum, with a separate shelf type magnetic mounting bracket that allows mounting to ferrous metallic surfaces. The lamp can be easily adjusted up or down 90 degrees and locked into position by simply loosening the two T-handle adjustment screws located on either side of the light head and retightening them once the desired angle is found. Included with this LED light tripod is 100 feet of SOOW cord terminating in an 1523 explosion proof straight blade plug.

The explosion proof LED light head in this unit features multiple LED drivers which helps to increase the operational life of the fixture. With traditional LED lights, in the event an LED array or driver fails, the entire fixture no longer illuminates. The EPL-MB-150LED series contains twelve individual LED boards configured in a series of banks. Each bank contains two LED boards with an individual driver. In the event of a driver failure, only one bank of LEDs will be effected while the other banks will continue to operate. In the event that of an LED failure, the mating LED will continue to operate.

The magnetic mounting bracket for this unit includes six 200 lbs grip magnetic bases which provide a total of 1,200 lbs of grip and allows operators to mount the unit to walls and flat metallic surfaces. Users simply attach the magnetic mounting bracket to the desired surface, then hang the lamp assembly from the bracket. This bracket is constructed of non-sparking aluminum for light weight and durability, and the simple hanging design allows operators to easily remove the lamp assembly to operate the unit as a pedestal lamp if desired.

This unit is also multi-voltage capable and is configured to operate on 12-24 volts AC or DC without any modifications. Please note: This fixture natively operates on low voltage, and there is no step down transformer. Further adding to the versatility and convenience of this explosion proof LED light are 25 peel off mylar overspray lamp protectors that ship with the unit. The protectors provide lamp protection from dirt or debris and can be removed, cleaned and replaced, lessening the need for tedious lamp cleaning or replacements. This lamp is T5 temperature rated and the LED light head retains 80% of its lumen output after 50,000+ hours of use, far longer than incandescent or fluorescent lamps.

Made in USA Quality **Superior LED Benefits**

1. Approved Class 1 Div1-2 Class2 Div I-2
2. Led lamp head requires no lamping.
3. Durable magnetic base mount constructed of copper free aluminum.
4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs.
6. Adjustable LED light head.
7. 25 peel off mylar overspray lamp protectors ship with the unit.
8. 17,500 Lumens produced from only 150 watts.
9. Mercury free shock proof LED lamp light head.

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. 100% recyclable.
4. No toxins-lead, mercury.
5. No UV light, infrared radiation or CO2 emissions.
6. Bright, even light maintains consistent color over time.
7. Instant on/off – No flickering, delays or buzzing.
8. Very good color rendering.
9. Vibration/impact resistant.
10. Significantly cooler operation.
11. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)









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RNT-EPL-MB-150LED-LV-100

Product ID: 105146

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

RNT-EPL-MB-150LED-LV-100-Rental Length

Example: RNT-EPL-MB-150LED-LV-100-MR

Rental Length	
MONTHLY	-MR
WEEKLY	-WR
DAILY	-DR

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**