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RNT-EPL-TFM-150LED-RT-100-1523

RENTAL 150 Watt Class 1 Div 1 Explosion Proof LED Light - Non-Spark Aluminum Base - 120-277V AC

Product ID: 106382

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-TFM-150LED-RT-100-1523 Explosion Proof LED Light
ETL Listing: United States
Dimensions: 16"-W 14"-H 5"-D` Light head
Weight: 30 Lbs
Total Watts: 150 watts
Voltage: Configurable 120V-60hz 220V-50hz 240V-60hz 277V-60hz
LED Lamp Lumens: 21,000
LED Lamp Life Expectancy: 60,000 Hours
Mounting: Triangular Shaped Aluminum Base Stand
Wiring: 100 feet SOOW Cord Explosion Proof Straight Blade Plug
Operating Temp Range: T5 Rated -40C to 65C
Color Temp: 5600K, 5000K, 4500K, 4000K, 3500K, 3000K, 2700K, or 6500K
Beam Type: Wide Flood
LED Lamp Life Expectancy: 60,000 Hours
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 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-TFM-150LED-RT-100-1523
Monthly...$192.61 USD
Weekly...$128.41 USD

Quick Summary
Class 1 Division 1, Groups C and D
Class 1 Division 2, Group A,B,C,D
Class 2, Division 1-2, Groups E,F,G
T5 Temperature Rating
Class 3
CSA Certified to C22.2 No.137-M81
cETL Certified to UL844 and C22.2 Standards
LEL Approved

Special Orders - 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

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-TFM-150LED-RT-100-1523 Explosion Proof LED Light from Larson Electronicsis rated Class 1 Division 1-2 Groups C & D and Class 2 Division 1-2 and uses a 16 inch LED light head to produce 21,000 lumens of light while drawing only 150 watts.

The RNT-EPL-TFM-150LED-RT-100-1523explosion proof LED light provides 9,000 square feet of work area coverage with 21,000 lumens of light output. This portable LED light is mounted to a spun aluminum base and has an LED light head measuring 16 inches wide by 14 inches high. 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 flammable vapors, gases and dusts may be present.

This explosion proof LED light fixture is comprised of a 16 inch wide square LED light head mounted atop a base stand fabricated from non sparking spun aluminum with a convenient carrying handle built into the top of the stand. The lamp can be easily adjusted up or down 90 degrees and locked into position by simply loosening the two hand screws located on either side of the light head and retightening them once the desired angle is found.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

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. This new series of LED lamps 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 LED lamp produces 21,000 lumens with a color temperature of 4,500K, 5,600K, or 6,500K and a color rendering index of >70, which produces colors and details much more accurately than high pressure sodium or mercury vapor lamps. The copper free aluminum alloy lamp body is powder coated for added durability and resistance to corrosions. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 60,000 hour rated lifespan with 80% lumen retention. Included with this LED light is 100 feet of SOOW cord terminated in a 1523 explosion proof straight blade plug.

This portable explosion proof flood light is multi-voltage capable and configured to operate on 120-277 volts 50/60 Hz. The lamp is T5 temperature rated, Design Lights Consortium approved, and the LED light head retains 80% of its lumen output after 60,000 hours of use, far longer than incandescent or fluorescent lamps. The entire assembly is ETL listed Class 1, Divisions 1-2, Class 2, Divisions 1-2 for use in hazardous locations and approved for paint spray booths. The extreme durability, universal voltage capabilities, and LED longevity make this LED flood lighting system an ideal fit for tank cleaning, oil field maintenance and repairs, and offshore applications.

Made in USA Quality

Superior LED Benefits

1. Approved Class 1 Div 1-2 Class 2 Div I-2
2. Led lamp head requires no lamping.
3. Durable 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. 6000K Color Temperature and Color Rendering Index of 70
8. 21,000 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-TFM-150LED-RT-100-1523
Product ID: 106382

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:
RNT-EPL-TFM-150LED-RT-100-1523-Rental Length-Beam Angle-Color Temp
Example: RNT-EPL-TFM-150LED-RT-100-1523-MR-60B-56K

Rental Length	
MONTHLY	-MR
WEEKLY	-WR
DAILY	-DR

Beam Angle	
60°	-60B
125°	-125B
140°	-140B

Color Temp	
5600K	-56K
5000K	-50K
4500K	-45K
4000K	-40K
3500K	-35K
3000K	-30K
2700K	-27K
6500K	-65K

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **CE Certificate**
- **Certificate 1, Misc**
- **Certificate 2, Misc**
- **Certificate 3, Misc**
- **MSDS (Material Safety Data Sheet**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**