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RNT-EPL-24BS-5FT-1X150LED-100

RENTAL 150 Watt Explosion Proof LED Light - 5' Tall Base Stand Mount - 22 Inch Stand -Class I Div1

Product ID: 105796

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-24BS-5FT-1X150LED-100 Explosion Proof LED Light
Listing: United States & Canada
Lamp Type: LED
Dimensions: 24"-W x 60"-H - 14` x 16` Light head
Total Watts: 150 watts
Lumens: 13,000
Voltage: Universal Voltage 120-277V AC 50/60Hz
Mounting: Aluminum Base Stand
Weight: 30 Lbs
Lighting Configuration: Flood Pattern
Operating Temp Range: T5 Rated -40°C to 65°C
Color Temp: 5600K
Color Rendering Index: >75 CRI
LED Lamp Life Expectancy: 60,000 Hours
Beam Lux: 8500@ 1 Meter 1250@ 3 Meters
Wiring: 100` SOOW Cord Terminated w/ an Explosion Proof Straight Blade Plug
Cord Cap:5-15 or 6-20 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 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-24BS-5FT-1X150LED-100;;

Quick Summary
Class I Division 1, Groups C and D
Class I Division 2, Group A,B,C,D
Class II, Divisions 1 & 2, Groups E,F,G
Class III, Divisions 1 & 2
T5 Temperature Rating
Certified to UL844 and C22.2 Standards
Paint Spray Booth Approved
Made in the USA
IP67 Rated Waterproof
Multiple Driver Banks
80% Lumen Retention after 60,000 Hours

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

Monthly...$416.65 USD
Weekly...$281.26 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 Texas
*****THIS LIGHT IS FOR RENTALS*****
The RNT-EPL-24BS-5FT-1X150LED-100 Explosion Proof LED Light from Larson Electronics is rated Class I Division 1-2 Groups C & D and Class II Division 1-2 and uses a 16 inch LED light head to produce 13,000 lumens of light while drawing only 150 watts.
******PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE******
The RNT-EPL-24BS-5FT-1X150LED-100 explosion proof LED light provides 10,000 square feet of work area coverage with 13,000 lumens of light output. This portable LED light is mounted to a 22 inch wide four leg aluminum base and has an LED light head measuring 16 inches wide by 14 inches tall. 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. Often referred to as simply a "tank light," this unit is considered universal due to its ability to be passed through any conventional manhole such as those found in petrochemical containers and ship storage tanks.



Click Image to Enlarge



Click Image to Enlarge

Click Image to Enlarge

The LED light head is offered in a 60° narrow flood for greater distance and a 125° wide flood that produces a brilliant flood pattern of light that is ideal for illuminating enclosed areas and further adds to this units desirability as a portable tank lighting solution. This explosion proof LED light fixture is comprised of a 16 inch LED light head mounted atop a base stand fabricated from non sparking aluminum. Transferring the unit through manholes consists of simply removing the light head from the base, passing the light head and base through the manhole separately, and then reassembling the unit once inside. 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 re-tightening them once the desired angle is found. Included with this LED light cart is 100 feet of SOOW cord, which combined with the 360° of rotation and 90° of tilt offered by the LED light head provides an effective alternative to often cumbersome explosion proof string lights.
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.
Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no

filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

Click Photos to Enlarge



5-15 Straight Blade Plug



6-20 Straight Blade Plug

This unit is also multi-voltage capable and can configured to operate on 120-277 volts 50/60 Hz. 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 60,000 hours of use, far longer than incandescent or fluorescent lamps.

Made in USA Quality

1. Approved Class I Div 1-2 Class II Div 1-2
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. 25 peel off mylar overspray lamp protectors ship with the unit.
8. 13,000 Lumens produced from only 150 watts.
9. Mercury free shock proof LED lamp light head.

Superior LED Benefits

1. 60,000+ 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-24BS-5FT-1X150LED-100

Product ID: 105796

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

RNT-EPL-24BS-5FT-1X150LED-100-Rental Length-Beam Angle-Voltage

Example: RNT-EPL-24BS-5FT-1X150LED-100-MR-60DB-1523

Rental Length	
MONTHLY	-MR
WEEKLY	-WR
DAILY	-DR

Beam Angle	
60°	-60DB
125°	-125DB

Voltage	
5-15 STRAIGHT BLADE	-1523
6-20 STRAIGHT BLADE	-2023-250V

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**
- **Operations Manual**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**