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EPL-RPS-140A-APM-150LED-RT

150W Portable Battery Powered Pole Mounted LED Light - 17500 Lumens - Rechargeable 140ah Battery

Product ID: 144870

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.

EPL-RPS-140A-APM-150LED-RT Explosion Proof LED Tower

Listing: United States & Canada
Lamp Type: LED
Dimensions: 14"-W 16"-H 5"-D- Light Head - 5` to 12` Extendible Tower
Weight: 300 Lbs
Voltage: 120-277V AC 50/60Hz
Total Watts: 150 watts
Total Lumens: 17,500
Luminous Efficiency: 116.67 Lm/W
Lamp Life: 60,000+ Hours
Color Temp: 5000K, 4000K, 3000K
Color Rendering Index: >75 CRI
Beam Angle: 60° or 125°
Lighting Configuration: Flood Pattern
Power Efficiency: >95%
Power Factor: 0.992
Amperage: 1.25A @ 120V, 0.63 @ 240V, 0.54 @ 277V
Ambient Operating Temp Range:-50°C to +65°C
Operating Temp Rating: T5
Lamp Housing Material: Copper Free Cast Aluminum
Tower Material: Anodized Aluminum Tubing
Line In: 120V AC
Line Out: (1) 2023 C1D1 12V or 24V DC Twist Lock Receptacle
Dimensions: 30"-H x 14"-D x 24"- W

Ratings/Approvals

Listed for United States and Canada
Class I, Divisions 1 & 2, Groups C and D
Class II, Divisions 1 & 2, Groups E,F,G
Class III, Divisions 1 & 2
Certified to UL 844 Ed. 13
Certified to UL 1598
Certified to C22.2 No. 137 Rev 2009
Certified to C22.2 No. 250.0
T5 Temperature Rating
Paint Spray Booth Approved
IEC 60529 Tested
IP67 Rated Waterproof
LEL Approved
Multiple Driver Banks
80% Lumen Retention after 60,000 Hours
Factory Sealed Light Fixture
50 Foot SOOW Cable
Adjustable Tower 5 - 12 Feet
Direct Replacement for 400W MH Towers
Class I Division 1 Explosion Proof
(1) 2023 Class I Div 1 Twist Lock Receptacle
20 Amp Primary Rating

Mounting: Portable Dolly Cart with Wheels
Battery: 140ah Sealed Lead Acid
Cord Cap Options: 5-15P (120V), 5-20P (120V), 6-20P(240V)

Lens Material: Hardened Borosilicate Glass

Gasket Material: Silicone

Mounting: Telescoping Anodized Aluminum Tower w/ Flat Mounting Bracket

Wiring: 50` 16/3 SOOW Cable w/ explosion proof

Special Orders - Special Requirements
Contact us for special requirements

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Made in the USA

The Larson Electronics EPL-RPS-140A-APM-150LED-RT explosion proof battery powered pole mounted LED light tower enables operators to power the light via one Class I and II Division 1 and 2 receptacle. Once the encapsulated 140ah sealed lead acid battery is depleted, operators can plug this unit into an explosion proof 120 volt outlet or standard 120 volt outlet to charge the unit overnight within the hazardous location.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS*

The EPL-RPS-140A-APM-150LED-RT explosion proof portable battery powered pole mounted LED light from Larson Electronics is built to provide operators in hazardous locations with a method of superior illumination. This unit includes one explosion proof receptacle rated at 20 amps. This compact battery powered pole mounted LED light is designed for portability and convenience as well as durability and is mounted to a wheeled, non-sparking aluminum frame for added protection. The output side is equipped with one 2023, Class I Division 1 receptacle designed to accept twist lock plugs like our EPP-15A and EPP-20A explosion proof plugs. The explosion proof enclosure contains two 70ah AGM batteries and charger/maintainer systems. This explosion proof battery powered LED light with adjustable pole comes standard with a 25 foot, 16/3 SOOW cord terminated with a 120V, 15 amp explosion proof male plug. The EPL-RPS-140A-APM-150LED-RT is designed to be charged within Class I Division 1 classified areas.

Light Information: The light head on the EPL-RPS-140A-APM-150LED-RT provides 9,500 square feet of work area coverage with 17,500 lumens of light output. This adjustable LED light tower has a removable LED light head mounted on top of an anodized aluminum tower. The LED light head on this unit produces a wide flood pattern of light that is ideal for illuminating large workspaces and job sites. This light is designed for heavy duty use in demanding conditions including emergency services, mining, construction, marine, and industrial operations where durability and reliability is critical.

The telescoping battery powered LED work light on the EPL-RPS-140A-APM-150LED-RT is comprised of a removable LED light head mounted atop an anodized aluminum adjustable pole fabricated with 2.5" by 2.5" by 1/8" thick tubing for the first stage, 2" by 2" by 1/8" thick tubing for the second stage and 1" by 1" by 1/8" thick tubing for the third stage. This light tower is anodized and the brackets are powder coated for durability and rust resistance. This adjustable and collapsible tower can be extended to twelve feet in and collapsed to five feet via knurled knobs that are tightened or loosened to allow for height adjustments by the operator. The lamp can independently be adjusted up, down or from side to side and locked into position.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. 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 is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb

type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Made in USA Quality

1. Approved Class I Div 1-2 Class II Div I-2
2. Led lamp head requires no lamping and simply slides on the tower and is locked into place with a hand tightened set screw.
3. Tower constructed of corrosion resistant anodized aluminum with powder coated mounting brackets.
4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs.
6. 25 peel off mylar overspray lamp protectors ship with the unit.
7. 17,500 Lumens produced from only 150 watts.
8. 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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EPL-RPS-140A-APM-150LED-RT
Product ID: 144870

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

Options:
EPL-RPS-140A-APM-150LED-RT-Cord Cap-Beam Angle-Color Temp
Example: EPL-RPS-140A-APM-150LED-RT-1523-60DB-50K

Cord Cap	
5-15P (120V)	-1523
5-20P (120V)	-2023-125V
6-20P(240V)	-2023-250V

Beam Angle	
60° SPREAD	-60DB
125° SPREAD	-125DB

Color Temp	
5000K	-50K
4000K	-40K
3000K	-30K

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **MSDS (Material Safety Data Sheet**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**