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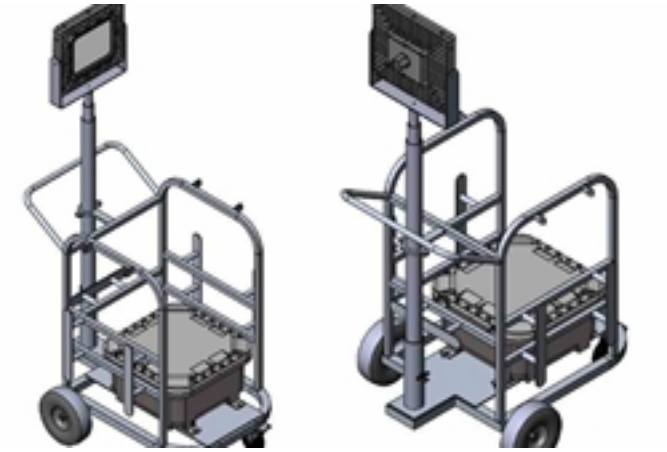
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EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C

150W Portable Battery Powered Pole Mounted LED Light - Glare Shield, Dimmer Switch - Locking Front Swivel Casters

Product ID: 279760

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-DIMM-DW-M4-100C Explosion Proof LED Tower

Listing: NRTL Listed for United States and Canada
Lamp Technology: LED
Cart Dimensions: 41.375"-L x 34.00"-W x 42.35"-H
Handle Height: 43.727" (3.64')
Mast Height (Fully Collapsed w/o Light Head): 62.587" (5.22')
Mast Height (Fully Extended w/o Light Head): 144.587" (12.05')
Mast Height (Fully Collapsed w/ Light Head): 78.806" (6.57')
Mast Height (Fully Extended w/ Light Head): 160.606"-H (13.38')
Light Head Dimensions: 14.00"-W x 16.00"-H x 5.00"-D
Weight: 300 lb
Voltage: 120-277 V AC, 50/60 Hz
Total Watts: 150 Watts
Total Lumens: 17,500 lms
Luminous Efficiency: 116.67 Lm/W
Lamp Life: 60,000+ Hours
Light Color: White
Color Rendering Index: -
Beam Angle: 60° or 125°
Lighting Configuration: Flood Pattern
Power Efficiency: >95%
Power Factor: 0.992
Dimming Switch Type: 0-10 V (Mounted to the Cart)
Glare Shield Size: 4" (Bolted to Top of Light)

Ratings/Approvals

Class I, Divisions 1 & 2, Groups C and D
Class II, Divisions 1 & 2, Groups E,F,G
Class III, Divisions 1 & 2
NRTL Certified to UL 844 Ed. 13
NRTL Certified to UL 1598
NRTL Certified to C22.2 No. 137 Rev 2009
NRTL 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
100 Foot SOOW Cable
Adjustable Tower 5 - 12 Feet
Direct Replacement for 400W MH Towers
Class I, Division 1 Explosion Proof
(1) 2023 Class I, Division 1 Twist Lock Receptacle
20 Amp Primary Rating

Amperage: 1.25 A @ 120 V, 0.63 A @ 240 V, 0.54 A @ 277 V
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: 120 V AC
Line Out: (1) 2023 C1D1 12 V or 24 V DC Twist Lock Receptacle
Battery: 140ah AGM
Cord Cap Options: 5-15P (120V), 5-20P (120V), or 6-20P (240V)
Lens Material: Hardened Borosilicate Glass
Gasket Material: Silicone
Mounting: Telescoping Anodized Aluminum Tower w/ Portable Dolly Cart - Rear Wheels & Front Mounted Swivel Casters w/ Locking Wheels
Wiring: 100' 16/3 SOOW Cable w/ Explosion Proof Cord Cap

Special Orders - Special Requirements
Contact us for special requirements

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Made in the USA

The EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C from Larson Electronics is an Explosion Proof Battery Powered Pole Mounted LED Light Tower that enables operators to power the light via one Class I, Divisions 1 and 2 & Class II, Divisions 1 and 2 receptacle. This LED light is equipped with a 4" glare shield and a 0-10 V dimmer switch. Once the encapsulated 140ah AGM 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-DIMM-DW-M4-100C 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. Equipped with a 4" glare shield (bolted above the light head), this 0-10 V dimmable unit includes one explosion proof receptacle rated at 20 amps. The 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 front wheels on the frame are swivel casters with locking wheels.

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 120 V, 15 amp explosion proof male plug. The EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C is designed to be charged within Class I, Division 1 classified areas.

Light Information: The dimmable light head on the EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C 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. There is a 4" glare shield bolted above the light to reduce light spillage in the surrounding area. Dimming is facilitated by a 0-10 V dimmer switch, mounted to the cart. 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-DIMM-DW-M4-100C 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 and collapsed to five feet (measurements not including additional height added by installed light heads) 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.

This LED light fixture features 0-10 V dimming capabilities. This gives operators the ability to manually adjust the brightness of the LED lamp quickly and easily. The 0-10V dimming allows for adjustments to fit the brightness needs of any lighting situation. A 0-10V dimmable light works through the use of a DC control signal that ranges between zero and ten volts. The basic idea is that at 10 volts of input the light is at its brightest level with 0 volts being the lowest possible dimness setting. The smooth, continuous and flicker-free dimming of a 0-10V dimmable LED light is ideal for a wide range of different lighting applications.

Mount: The entire unit is mounted on wheels for easy transportation and movement around the work area or job site. The front two wheels on the EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C are swivel casters with locking wheels.

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.

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Frequently Asked Questions (FAQ)

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EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C
Product ID: 279760

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

Options:
EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C-Cord Cap-Beam Angle-Color Temperature
Example: EPL-RPS-140A-APM-150LED-RT-DIMM-DW-M4-100C-1523-60DB-56K

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 Temperature	
5600K	-56K
5000K	-50K
4500K	-45K
3000K	-30K

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **STEP File (3D CAD Model)**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**