

EPL-QP-1X150-100

150W Explosion Proof LED Light - Tripod Mount, 100' Cord w/ EXP Plug

Product ID: 1761

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-QP-1X150-100 Tripod Mounted LED Light Tower

Listing: NRTL Listed for United States & Canada

Lamp Type: LED

Dimensions: 6.8' - 9.42' Tower

Weight: -

Voltage: 120V AC 50/60Hz

Total Watts: 150 watts

Total Lumens: 21,000

Luminous Efficacy: 140 Lm/W

Lamp Life: 60,000+ Hours

Color Temp: 5600K

Color Rendering Index: >75 CRI

Beam Angle: -

Lighting Configuration: Flood Pattern

Power Efficiency: >95%

Power Factor: 0.992

Amperage: 1.25A @ 120V

Ambient Operating Temp Range:-50° C to +65°C

Operating Temp Rating: T5

Lamp Housing Material: Copper Free Cast Aluminum

Tower Material: Non-Sparking Aluminum Tubing

Lens Material: Hardened Borosilicate Glass

Gasket Material: Silicone

Mounting: Non-Sparking Telescoping Aluminum Tower

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

NRTL Certified to UL 844 Ed. 13

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

80% Lumen Retention after 60,000 Hours

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Wiring: 100' 16/3 SOOW Cord w/ Explosion Proof Plug

Cord Cap: 5-15, 5-20, or 6-20

YOU CAN RENT THIS UNIT. Contact 1-800-369-6671 to make arrangements.

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-QP-1X150-100 Tripod Mounted Explosion Proof LED Light Tower is approved for Class I, Divisions 1 & 2, Groups C & D, and is rated for use in wet and marine environments. The waterproof construction and LED lamp used with this unit provides operators with excellent power and economy coupled with high versatility and excellent durability. The EPL-QP-1X150-100 is mounted atop a three leg tripod fabricated from non-sparking powder coated aluminum.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS, LIGHT TOWERS, OR TRIPODS

The EPL-QP-1X150-100 is a tripod mounted explosion proof LED lighting system and provides 8,500 square feet of work area coverage with 21,000 lumens of light output. The 150-watt LED light head on this unit produces a wide flood pattern of light that is ideal for illuminating large workspaces and jobsites. 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 LED light head on this tower contains twelve 12.5 watt LEDs producing 140 lumens each. These LEDs are arranged in rows and paired with high purity optics to produce 21,000 lumens and a flood beam while only drawing 1.25 amps on 120V, making these units ideal for use as highly efficient yet powerful work and area lights. The EPL-QP-1X150-100 hazardous location LED light is an ideal replacement for fragile and hot running 400 watt metal halide floodlights.

LED Technology: 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



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This explosion proof LED light tower is equipped with 100 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets.

****PLEASE NOTE**** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.

Tower Mount: This unit is mounted on an aluminum tripod with anti-static urethane

wheels for seamless transportation around the work site. The light tower can be extended to a maximum height of 9.42 feet and retracted down to 6.8 feet. Components used for height adjustments during deployment are conveniently located at chest level, allowing operators to make changes to lighting setups and configurations with ease. This tripod is suitable for portable, temporary, and stationary mounting of equipment. A round-pole design makes the assembly easier to handle and transport compared to square-shaped models.

The tripod features a adjustable head for quick repositioning of mounted equipment, without needing to turn the base legs or entire tower. To adjust the vertical tilt and position of mounted fixtures, operators simply loosen both brackets (located at both sides of the light). After the desired position is achieved, the brackets are tightened. An accessible hand knob can be used to remove the mounted fixture for storage or transportation.

The base of the lightweight tower consists of three 49.1" legs, with an even 120° spread for a balanced foundation. All three legs are fold-able, which caters to space-saving requirements during storage and allows the assembly to pass through tight spaces. Unlike tripods with bent or L-shaped legs, this portable light tower incorporates a flat foundation for a sturdy base. The tower's base is also equipped with two wheels for freedom of movement at industrial facilities, as well as streamlined setup and tear-down at remote work sites. Removal of the wheel kit can be completed without special tools.

All tripods are in stock and ready to be shipped for customers with immediate lighting or mounting needs. For fast and cost-effective deliveries, the entire light tower assembly can be shipped via UPS. Freight and expedited hotshots commonly associated with light mast deliveries are not needed for this compact tower.

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.



Frequently Asked Questions (FAQ)









EPL-QP-1X150-100

Product ID: 1761

Export Control Classification Number (ECCN): EAR99

Options:

EPL-QP-1X150-100-Voltage-Cord Cap

Example: EPL-QP-1X150-100-120V-1523

Voltage	
120 VOLTS	-120V
12 VOLTS	-12V

Cord Cap	
5-15 EP	-1523
5-20 EP	-2023.125V
6-20 EP	-2023.250V

Links (Click on the below items to view):

- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [SpecSheetArabic](#)
- [SpecSheetFrench](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)