

EPL-QP-1X150-100

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

Product ID: 1761



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

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

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

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

Intl: 1-214-616-6180

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

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

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.

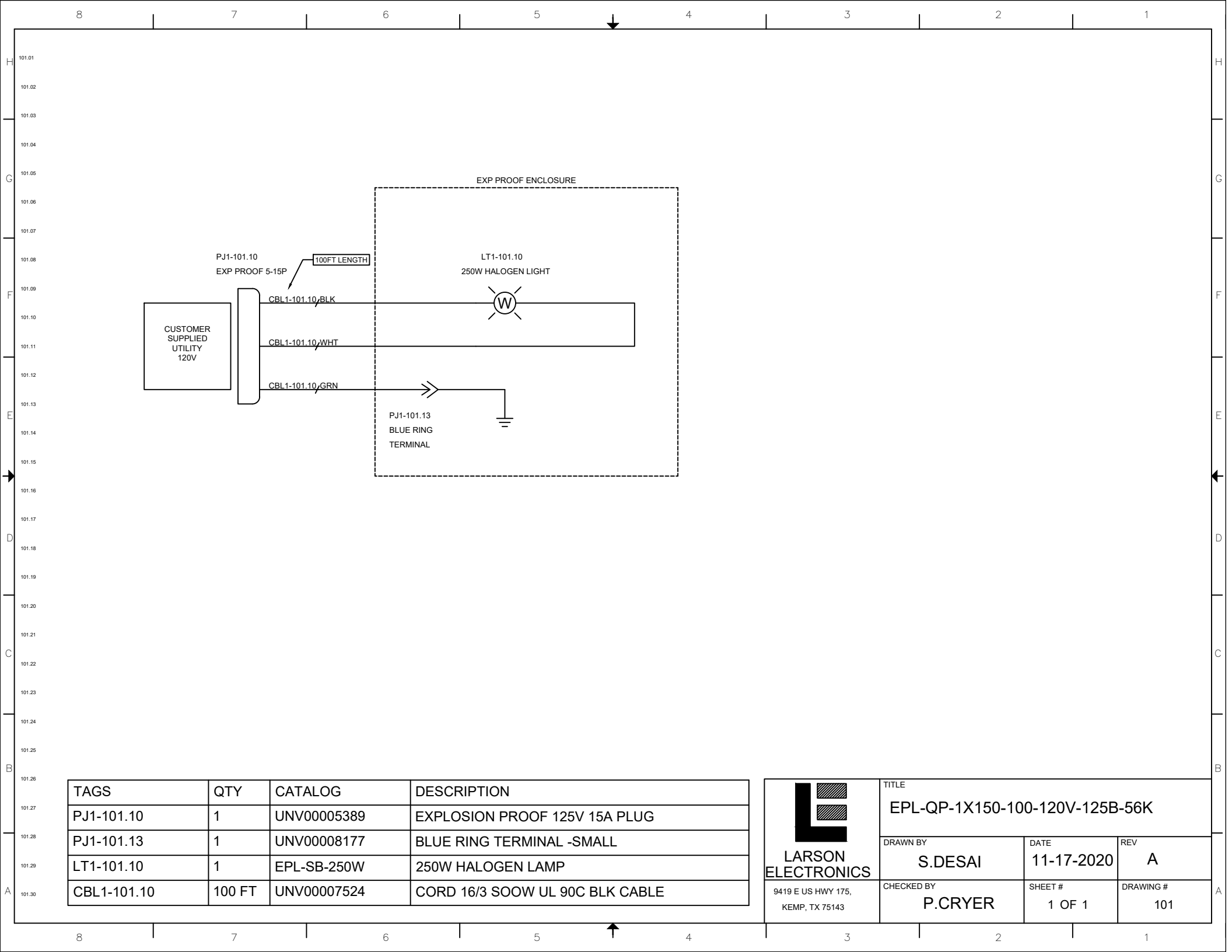
The tripod features a adjustable head for quick repositioning of mounted equipment, without needing to turn the base legs or entire tower. To adjust the vertical tilt and position of mounted fixtures, operators simply loosen both brackets (located at both sides of the light). After the desired position 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.

8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						11/17/2020
EPL-QP-1X150-100-120V-125B-56K							
							
8	7	6	5	4	3	2	1



TAGS	QTY	CATALOG	DESCRIPTION
PJ1-101.10	1	UNV00005389	EXPLOSION PROOF 125V 15A PLUG
PJ1-101.13	1	UNV00008177	BLUE RING TERMINAL -SMALL
LT1-101.10	1	EPL-SB-250W	250W HALOGEN LAMP
CBL1-101.10	100 FT	UNV00007524	CORD 16/3 SOOW UL 90C BLK CABLE

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE EPL-QP-1X150-100-120V-125B-56K		
	DRAWN BY S.DESAI	DATE 11-17-2020	REV A
	CHECKED BY P.CRYER	SHEET # 1 OF 1	DRAWING # 101











Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC EHL, EPL, EPLC2, HAL, HALP, HALD, HAL-LI, HALS, and HALSS industrial line of LED lights without emergency backup for hazardous locations are considered “ARTICLES” under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

- i. Which is formed to a specific shape or design during manufacture;
- ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- iii. Which under normal conditions does not release more than very small quantities.

The “hazardous location” and “explosion proof” are terminology for the environment where these products will be installed. This is not to be confused with “hazardous materials;” this product does not contain any hazardous materials.

Regards,

Ray Smith
Larson Electronics, LLC.



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPL-XX-150RT, EPL-XX-150LED Series
Description: Explosion Proof Portable LED Light

Evaluated Listings:

CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: EPL-XX-150RT, EPL-XX-150LED Series
Description: Explosion Proof Portable LED Light

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union ("EU") Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances ("REACH").

REACH does not apply to manufactured products which are referred to as "completed articles". Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: *James Thomas*

Name: James Thomas
Position: Operations Manager

Frequently Asked Questions (FAQ)