Larson Electronics LLC
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EPL-QP-2X150RT-480V-100

300W Explosion Proof LED Light Tower - Quadpod Mount - C1D1 - 100 foot Cord w/ EXP Plug - 347-480V

Product ID: 154084

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-2X150RT-480V-100 Explosion Proof LED Quadpod
Listing: United States & Canada
Lamp Type: Cree LED
Dimensions: 14"-W 16"-H 5"-D- Light Head - 7` to 12` Extendible Tower
Weight: 85 Lbs
Voltage: 347-480V AC
Total Watts: 300 watts
Total Lumens: 42,000
Luminous Efficacy: 140 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: 2.5A @ 120V, 1.26 @ 240V, 1.08 @ 277V
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

Quick Summary
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
100 Foot SOOW Cable
Adjustable Tower 7 - 12 Feet
Direct Replacement for 400W MH Towers

Special Orders- Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Wiring: 100` 16/3 SOOW Cable w/ Explosion Proof Cord Cap

Cord Cap: C1D1 2P3W 480V Pin/Sleeve Cord Cap

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-QP-2X150RT-480V-100 Quadpod Mounted Explosion Proof LED Light Tower from Larson Electronics produces 42,000 lumens of light capable of illuminating an area 14,500 square feet in size. This adjustable Cree LED light tower is designed for portability and durable operation and ideal for use in demanding conditions. This explosion proof light tower is equipped with an explosion proof 2-pin 3-wire 480V pin/sleeve cord cap.

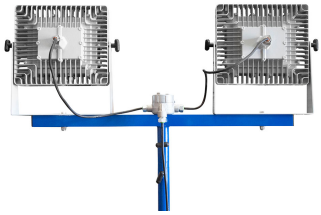
PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS, LIGHT TOWERS, OR QUADPODS

The EPL-QP-2X150RT-480V-100 is a quadpod mounted explosion proof LED lighting system and provides 14,500 square feet of work area coverage with 42,000 lumens of light output. This portable LED light tower has a removable LED light head mounted on top of a four leg durable non-sparking aluminum quadpod equipped with wheels for easy positioning of the unit from one area of the workspace to another. The 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.

This portable LED light is comprised of two adjustable explosion proof LED light heads mounted atop a four leg quadpod fabricated from non-sparking powder coated aluminum. This adjustable and collapsible quadpod can be extended to twelve feet, collapsed to seven feet, and includes solid wheels allow the operator to tilt the unit back and simply roll the entire assembly to a new location when fully deployed. The LED light fixture assembly can be removed by releasing the hand knob and sliding the light and mounting bracket off of the center support while the legs can be collapsed, aiding in deployment, storage and transport. The lamp can be easily adjusted vertically and locked into position.



Click Photo to Enlarge

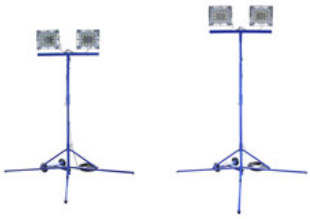


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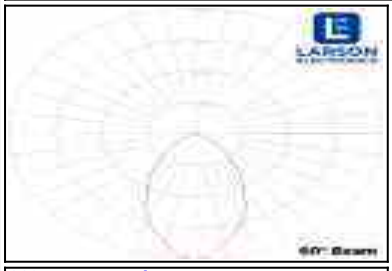


Included with this hazardous location LED light tower is 100 feet of SOOW cord which combined with adjustability offered by the LED light head provides ample length for tower placement and optimal coverage of the workspace. The easy to collapse design of this Class 1 Division 1 LED work light allows Larson Electronics to avoid pallet freight charges when shipping and deliver these units via UPS next day air service, which in turn improves delivery time and reduces the cost to buyers.

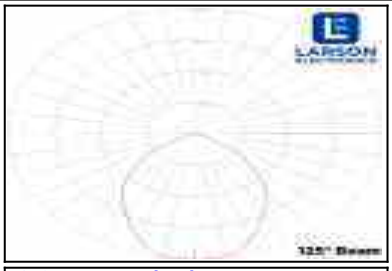
Each LED light head on this tower contains twelve 12.5 watt LEDs producing 140 lumens each. These LEDs are arranged in rows and paired with high purity optics to produce 21,000 lumens and a flood beam while only drawing 1.25 amps on 120V, making these units ideal for use as highly efficient yet powerful work and area lights. The EPL-QP-2X150RT-480V-100 hazardous location LED light is an ideal replacement for fragile and

hot running 400 watt metal halide floodlights.

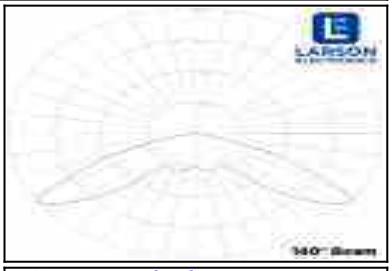
Click Photos to Enlarge



60° Beam Angle



125° Beam Angle Plug



140° Beam Angle Plug

Beam Angles: When used as a portable lighting solution, the varying beam angles are each individually ideal for several environments. The 60° beam provides the most intense beam of the three options. It is perfect for narrow, confined spaces and is ideally suited for tank cleaning purposes. It offers focused light to provide ample illumination to tight work spaces and other environments. The 125° beam offers a more diffused source of light that is also less intense in brightness. It is a great general area work light and performs well when used for outdoor illumination. The 140° beam offers a very wide lighting pattern and is ideal for situations where lighting distance is not a concern, but illumination of a wider area and even light distribution is. The 140° beam is great for situations that call for working in close proximity to lights such as in a paint booth.
Wiring & Plug: This explosion proof tower mounted flood lighting system is equipped with 100 foot of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof 2-pin 3-wire 480V pin/sleeve cord cap. This plug is rated for 30 amps and is approved Class I, Division 1 and 2, Groups C, D. This explosion proof plug features non sparking aluminum construction, recessed brass contacts to prevent accidental contact. This plug is cross-interchangeable with Appleton Powertite, Crouse Hinds Arktite, and Hubbell-Killark KR series plugs and receptacles. Due to possible manufacturer changes we cannot guarantee interchangeability although we have made every effort to ensure cross compatibility correctness.
The LED light head on this unit is small enough to allow it to fit through most standard size manholes and entry points. The LED light head can also be removed from the quadpod, the tower collapsed and the entire assembly passed through a manhole and reassembled once inside. This unit operates on 347-480V AC. This LED light head retains 80% of its lumen output after 50,000 hours of use, far longer than incandescent or fluorescent lamps.

Made in USA Quality

1. Approved Class 1 Div1-2 Class 2 Div I-2
2. Led lamp head requires no lamping and simply slides on the quadpod and is locked into place with a hand tightened set screw.
3. Quadpod constructed of corrosion resistant, non-sparking aluminum with powder coated finish.
4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs.
6. Solid rubber tires. No flats or tube replacements.
7. 25 peel off mylar overspray lamp protectors ship with the unit.
8. 42,000 Lumens produced from only 300 watts.
9. Mercury free shock proof LED lamp light head.

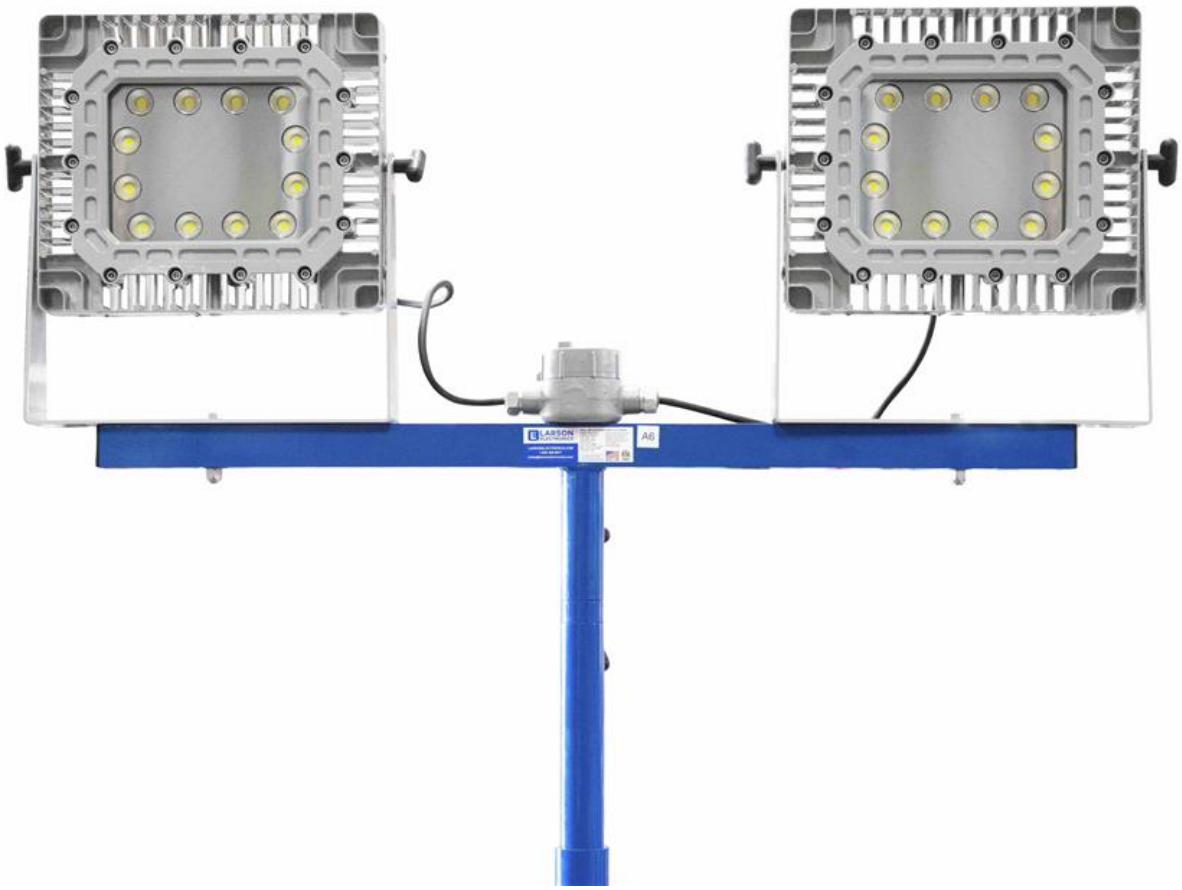
Superior LED Benefits

1. 50,000+ 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-QP-2X150RT-480V-100

Product ID: 154084

Export Control Classification Number (ECCN): EAR99

Options:

EPL-QP-2X150RT-480V-100-Beam Config

Example: EPL-QP-2X150RT-480V-100-60DB

Beam Config	
60°	-60DB
125°	-125DB

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**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **Video1**
- **Video2**
- **Video3**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**