

EPL-QP-20F-2X50RT-30M-CE16A

100W Explosion Proof LED Light Tower - Quadpod - C1D1 - 30 Meter Cord w/ CEE 16 Amp Pin & Sleeve

Product ID: 273646

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-20F-2X50RT-30M-CE16A Explosion Proof LED Quadpod

Listing: United States & Canada

Lamp Type: LED

Dimensions: Light Head - 7.04"-L x 7.04"-H x 5.72"-D - 12' to 20' Extendible Tower

Weight: 170 lb

Voltage: 130 V or 250 V

Total Watts: 100 Watts

Total Lumens: 14,000

Luminous Efficacy: 140 Lm/W

Lamp Life: 60,000+ Hours

Color Temp: 5600K, 4500K, or 3000K

Color Rendering Index: >75 CRI

Beam Angle: 60°, 125°, or 140°

Lighting Configuration: Flood Pattern

Power Efficiency: >95%

Power Factor: 0.992

Amperage: 0.42 A @ 120 V, 0.21 A @ 240 V, 0.18 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: Non-Sparking Steel

Lens Material: Hardened Borosilicate Glass

Gasket Material: Silicone

Mounting: Non-Sparking Telescoping Steel Tower

Wiring: 30 Meters 16/3 SOOW Cable

Quick Summary

NRTL 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 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

30 Meter 16/3 SOOW Cable

Adjustable Tower 12 - 20 Feet

Direct Replacement for 250W MH Towers

GFCI Circuit Interrupter

Waterproof Inline On/Off Switch w/ Power Indicator Light

Special Orders - Special Requirements

Contact us for special requirements

Cord Cap: IEC 60309 Hazardous Location Cord Cap

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-QP-20F-2X50RT-30M-CE16A from Larson Electronics is a 100 Watt Quadpod Mounted Explosion Proof LED Light Tower that produces 14,000 lumens of light with an extended lifespan of 60,000+ hours. The 120 V inline GFCI circuit interrupter provides protection and safety to the operator and features a manual reset so that equipment will not power back on by itself in the case of a power surge or interruption. The EPL-QP-20F-2X50RT-30M-CE16A also features a waterproof inline on/off switch with a power indicator light for ease of operation. This adjustable LED light tower is designed for portability and durable operation and ideal for use in demanding conditions.

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

The EPL-QP-20F-2X50RT-30M-CE16A is a quadpod mounted explosion proof LED lighting system and provides 14,000 lumens of light output. This portable LED light tower has a removable LED light head assembly mounted on top of a four leg durable non-sparking steel quadpod equipped with wheels for easy positioning of the unit from one area of the workspace to another. The quadpod can be extended up to 20' high using the included winch. 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.

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 portable LED light is comprised of two adjustable explosion proof LED light heads mounted atop a four leg tripod fabricated from heavy duty steel. This adjustable and collapsible quadpod can be extended to twenty feet and collapsed to twelve feet. Each leg is four feet in length for added support. The unit is extended and lowered using an included hand crank cable winch equipped with a brake for fast and safe deployment. The first stage is twelve feet in length, with the second stage measuring eight feet. Included solid wheels allow the operator to tilt the unit back and simply roll the entire assembly to a new location when fully deployed. The 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.

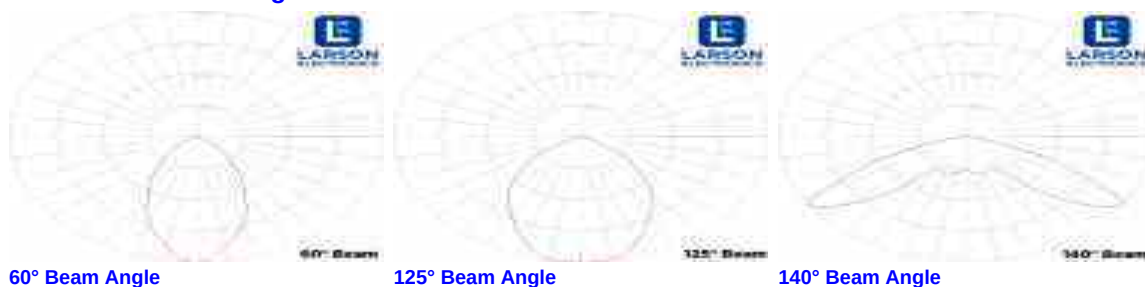
The lamps can be easily adjusted up, down or from side to side and locked into position for maximum coverage of the work area. The easy to collapse design of this mini light tower allows users to easily break down and transport the unit yet is durable enough for any industrial or commercial application. 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.

Included with this hazardous location LED light tower is 30 meters 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 I 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 is IP67 rated, dust-proof and protected against high pressure jets and temporary submersion. The copper-free aluminum alloy housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LEDs and electronic components. An epoxy powder coated finish facilitates durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 60,000-hour rated lifespan with 80% lumen retention. The explosion proof low bay LED light also offers operators convenience in the form of field serviceability.

[Click Photos to Enlarge](#)



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 30 meters of 16/3 chemical and abrasion resistant SOOW cord that is fitted with a IEC 60309 hazardous location cord cap.

Please note that the cord cap, GFCI circuit interrupter and power switch for the EPL-QP-20F-2X50RT-30M-CE16A must be kept separate from the hazardous area.

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 is available in either a 130 V or 250 V configuration. 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-20F-2X50RT-30M-CE16A

Product ID: 273646

Export Control Classification Number (ECCN): EAR99

Options:

EPL-QP-20F-2X50RT-30M-CE16A-Voltage-Beam Angle-Color Temp

Example: EPL-QP-20F-2X50RT-30M-CE16A-130V-60DB-56K

Voltage	
130V 3PH	-130V
250V 3PH	-250V

Beam Angle	
60°	-60DB
125°	-125DB
140°	-140DB

Color Temp	
5600K	-56K
4500K	-45K
3000K	-30K

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)