

EPL-TL-C-F

Explosion Proof Light - Portable Cart -18/24 Inch - 400 Watt Metal Halide - WITH Flange Mount Option

Product ID: 1704

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-TL-C-F Explosion Proof Tank Light w Flange Mount

UL Listing: United States

Dimensions: 17 7/8" Light head

Weight: 135 lbs.

Total Watts: 400 watts

Voltage: Configurable 120 volts @50/60hz or 230/240 VAC

Operating Temp Range: T3B Rated

LED Lamp Life Expectancy: 20,000+ Hours (Metal Halide Average)

Mounting: Non Sparking Aluminum Cart

Wiring: 250 feet 14/3 SOOW Cord- ECP1523 Explosion Proof Plug

Quick Summary/Approvals

Class 1 Division 1, Groups C and D

Class 2 Division 1 & 2, Groups E, F, G

Class 3, Division 1 & 2

Confined Area Suitable

400 Watt Metal Halide

UL Certified U.S. Standards

75,000 Lumens- 20,000 Sq. Ft. Coverage

ECP1523 Class 1 explosion proof plug

T3B Temp Rating

Special Orders - Special Requirements

Contact us for special requirements

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-TL-C-F Explosion Proof Portable Tank Light WITH Manhole Flange Mount

Option from Larson Electronics is rated Class 1 Division 1 Groups C & D and uses a 400 watt metal halide lamp to produce 75,000 lumens of light capable of illuminating 20,000 square feet of work area. This light is configured to also provide innovative flange mounting, allowing users to hang the lamp fixture from openings and operate it as overhead lighting.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS LIGHT CART

The EPL-TL-C-F explosion proof portable tank light is UL Listed Class 1, Division 1 for Groups C and D and provides 20,000 square foot of coverage with a 75,000 lumen light output. This unit consists of a 400 watt metal Halide lamp mounted on top of an aluminum cart with solid rubber wheels and provides a portable and easily mobile source of hazardous location illumination. Often simply referred to as a "tank light", this unit is considered universal due to its ability to be passed through any conventional manhole such as those found in petrochemical containers and ship storage tanks. This unit is available in 18" and 24" diameter versions and is considered a universal tank light as it can be easily passed through most conventional manholes and entryways 18" to 24" or larger in size.

To provide added versatility to the upper cage light portion of this tank light, we developed a flange mount option that enables operators to mount the light head in a suspended position from an overhead man way. In this way, the light is similar to the functionality of an overhead light in a warehouse, illuminating the entire tank. The flange wraps around the edges of the man way and the light is mounted to the flange assembly via an included threaded brass rod. Developed specifically for a petrochemical client, this solution has been field tested extensively.

[Click Photo to Enlarge](#)

[Click Photo to Enlarge](#)

The EPL-TL-C-F explosion proof portable tank light carries a T3B temperature rating and contains a 400 watt metal halide lamp that produces 75,000 lumens of light capable of illuminating 20,000 square feet of workspace. The metal halide lamp has a stamped aluminum lamp guard and replaceable Plexiglas lens protecting the lamp from dirt and debris and can be easily removed and cleaned, reducing the need for removal and cleaning of the lamp itself. The cart assembly is constructed of aluminum with stainless steel fasteners and has two solid rubber wheels and two integral handles, allowing this unit to be easily relocated around the work area as needed. The cart and lamp assembly are designed to be easily disassembled without tools, passed through manholes and then reassembled once inside the tank or enclosed area.

This unit can also be configured to hang the lamp head from entry holes and man ways. Included with this unit is 250 feet of SOOW cord and a lamp fixture assembly that allows 360 degree rotation and 90 degrees of tilt for easy positioning. This unit can be configured to operate on 120 volts @50/60hz (Americas) or 230/240 volts for international use.

This explosion proof tank light provides a safe, versatile and convenient lighting alternative to sometimes cumbersome string lights and is ideal for use in confined spaces such as those found in marine storage tanks, the petrochemical and agricultural industries and anywhere large area confined workspaces require an effective source of Class 1 Division 1 lighting.

Frequently Asked Questions (FAQ)









EPL-TL-C-F

Product ID: 1704

Export Control Classification Number (ECCN): EAR99

Options:

EPL-TL-C-F-Voltage-Light Size

Example: EPL-TL-C-F-120VAC-18

Voltage	
120 VOLTS AC	-120VAC
240 VOLTS AC	-240VAC

Light Size	
18 INCH	-18
24 INCH	-24

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)