

EPLC2-3X50LED-2-100

2ft Explosion Proof Portable LED Flood Light System - Tank Cleaning & MRO Applications - C2D1 - C1D2

Product ID: 71241

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.

EPLC2-3X50LED-2-100 C2D1 Flood light system

UL Listing: United States
Dimensions: 20"-W 30"-H 20"-D`
Weight: 95 Lbs
Total Watts: 117 watts
Voltage: Universal Voltage 120-277V AC 50/60Hz
LED Lamp Lumens: 10,800
LED Lamp Life Expectancy: 100,000 Hours
LED Lamp Protection: (3) Polycarbonate lenses

Mounting: Triangular Aluminum Base Stand, Top Pickeye

Wiring: 100 feet SOOW Cord Explosion Proof Straight Blade Plug
Operating Temp Range: T5 Rated -40°C to 65°C
Color Temp: 5000K
Beam Type: 360° Wide Flood Beam

Quick Summary

Class 1 Divisions 2, Groups A,B,C,D
Class 2 Division 1&2, Groups E, F, G
UL 844
UL 1598A Marine Type
UL 8750
IP66 Rated
NEMA 4X
CSA 22.2 No. 137-M81

Special Orders - Special Requirements

Contact us for special requirements
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E-mail: sales@larsonelectronics.com

Made in the USA

The EPLC2-3X50LED-2-100 Portable Explosion Proof LED Flood Lighting system from Larson Electronics is rated Class 1 Division 2 and Class 2 Division 1-2 and uses three 24 inch LED light heads to produce a

combined 10,800 lumens of light with 360° coverage while drawing only 117 watts.

*****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO THIS HAZARDOUS LOCATION LIGHT FIXTURE*****

The EPLC2-3X50LED-2-100 explosion proof LED flood light system provides 360 degrees work area coverage with 10,800 lumens of light output. This portable LED light is mounted to a powder coated frame constructed from non sparking aluminum and has three 24" LED light mounted within the frame. The LED lights within this unit produces a brilliant flood pattern of light that is ideal for illuminating enclosed areas and hazardous locations where flammable vapors, gases and dusts may be present.

This explosion proof LED lighting system is comprised of three 24 inch LED light fixtures mounted within a portable stand fabricated from non sparking aluminum. This flood light system can be positioned in its upright position to provide an intense flood beam covering 360° around the system, or suspended in its upright or laid down on its side positions to provide lighting within tanks and enclosed work areas. The triangle frame design provides stability for the flood system in when mounted in either position. A pickeye located on the top of the frame allows operators to lower the flood light system into tanks through manway entries. This fixture can be further customize with locking casters to increase mobility within the work environment.

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[Click Photo to Enlarge](#)

Each LED lamp draws 39 watts and produces 3,600 lumens with a color temperature of 5000K, which produces colors and details much more accurately than high pressure sodium or mercury vapor lamps. The LED lamps are covered by slide in polycarbonate lenses that protect the fixtures from overspray and debris. These lenses are easy to remove and replace. The copper free aluminum alloy lamp body is powder coated for added durability and resistance to corrosion. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 100,000 hour rated lifespan with 80% lumen retention. Included with this LED light is 100 feet of SOOW cord terminated in an 1523 explosion proof straight blade plug.



[Click Photo to Enlarge](#)

Top mounted pickeye allows operators easily move this unit from location to location, as well as aid in lowering into tanks through manway entry ways



[Click Photo to Enlarge](#)

For an additional cost, locking casters can be added to this unit.

This unit is multi-voltage capable and configured to operate on 120-277 volts 50/60 Hz. This lamp is T5 temperature rated and the LED light head retains 80% of its lumen output after 100,000 hours of use, far longer than incandescent or fluorescent lamps. The compact design and 360° beam coverage makes this unit ideal for tank cleaning and MRO applications.

Made in USA Quality

1. Approved Class 1 Div 2 Class 2 Div I-2
2. Led lamp head requires no lamping.
3. Durable Base Mount constructed of copper free

Superior LED Benefits

1. 100,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. 100% recyclable.

aluminum.

4. No ballast box. No ballast to replace.
5. Extreme long life LEDs reduce maintenance and replacement costs.
6. Three LED light heads.
7. 5000K Color Temperature
8. 10,800 Lumens produced from only 117 watts.
9. Mercury free shock proof LED lamp light heads.
10. Polycarbonate lenses protect the LED lamp assemblies from dust, debris, and overspray
11. Top mounted pick eye allows for easy positioning of this unit

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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Product ID: 71241

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
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- [HigResPic8](#)
- [ISO 9001 Certification](#)
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