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EPL-3X100LED-4-HDL-100

4' Explosion Proof Portable LED Flood Light System - Base Stand w/ 3 Handles - C1D1 - Tank Cleaning

Product ID: 144790

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-3X100LED-4-HDL-100 C2D1 Flood light System

Listing: United States & Canada
Dimensions: 20"-W 50"-H 20"-D
Weight: 105 Lbs
Total Watts: 300 watts
Voltage: Universal Voltage 120-277V AC 50/60Hz
LED Lamp Lumens: 21,750
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 I Divisions 1&2, Groups, C & D
UL 844
UL 1598A Marine Type
UL 8750
IP66 Rated
NEMA 4X
CSA 22.2 No. 137-M81
Three D-Ring Handles for Easy Repositioning

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
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Made in the USA

The EPL-3X100LED-4-HDL-100 Portable Explosion Proof LED Flood Lighting system from Larson Electronics is rated Class I Divisions 1 & 2 and uses three 48 inch LED light heads to produce a combined 21,750 lumens of light with 360° coverage while drawing only 300 watts. The

EPL-3X100LED-4-HDL-100 features three built-in d-ring handles on the uprights of the stand for easy transportation and maneuvering around the work area.

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

The EPL-3X100LED-4-HDL-100 explosion proof LED flood light system provides 360 degrees of work area coverage with 21,750 lumens of light output. This portable LED light is mounted to a powder coated frame constructed from non sparking aluminum and has three 48" LED lights 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 48 inch LED light fixtures mounted within a portable stand fabricated from non sparking aluminum. The stand features a d-style hand on each upright support to allow operators to easily lift and move the entire fixture around the work area. 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 to provide lighting within tanks and enclosed work areas. The triangular frame design provides stability for the flood system when mounted in either position. A pickeye located on the top of the frame gives operators the ability to lower the flood light system into tanks through manway entries. This fixture is equipped with three d-ring handles which increases mobility throughout the work space.

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.

Click Photo to Enlarge

Click Photo to Enlarge

Each LED lamp draws 100 watts and produces 7,250 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 fixture from overspray and debris. These lenses are easily removed and replaced. 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 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 a 1523 explosion proof straight blade plug.

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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

This unit is multi-voltage capable and configured to operate on 120-277 volts 50/60 Hz. This lamp has a T5 temperature rating and the LED light heads retain 80% of their 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.
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.

Made in USA Quality

1. Approved Class I Div. 2 Class II Div. 1-2
2. LED lamp head requires no lamping.
3. Durable Base Mount constructed of copper free 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. 21,750 Lumens produced from only 300 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
12. Three d-ring handles allow for easy movement within the work area.

Superior LED Benefits

1. 100,000+ 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-3X100LED-4-HDL-100

Product ID: 144790

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-3X100LED-4-HDL-100-Cord Cap

Example: EPL-3X100LED-4-HDL-100-1523

Cord Cap	
5-15	-1523
5-20	-2023-125V
6-20	-2023-250V

Links (Click on the below items to view):

- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**