Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EPL-JHLP-100LED

100 Watt Explosion Proof LED Light on Adjustable Rail / Ladder / Scaffold Bracket Mount

Product ID: 70074

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-JHLP-100LED Explosion Proof LED Light

Lamp Type: LED
Lamp Only Dimensions: W-4.83" L-47.46" H-6.15 "
Bracket Dimensions: Adjustable from 26" to 43"
Watts: 70
Lamp Life Expectancy: 60,000+ Hours
Voltage: Multi- 100-277 VAC, 50/60Hz
Lighting Configuration: Flood Pattern
Mounting: Aluminum Ladder/Scaffold Bracket
Operating Temp Range: T5 rated
U.L. Listing: Marine Saltwater Use
Wiring: 100 ft SOOW Cord ECP1523 plug

Ratings

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

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in the USA

The EPL-JHLP-100LED explosion proof LED light fixture from Larson Electronics is 100 watt LED light head producing 5,800 lumens. Weather proof and ETL listed for marine use, this LED lamp comes attached to an aluminum rail/ladder mount bracket that

allows operators to easily mount this unit to ladders, handrails, catwalks and other similar structures.

The versatile EPL-JHLP-100LED bracket mounted LED fixture from Larson Electronics is weatherproof and comes with an adjustable aluminum ladder/scaffold mount that makes it ideal for industrial applications, maintenance, cleaning and servicing duties, large open space hazardous work areas and any Class 1 DIV 2 Groups A,B,C,D area where ladders, scaffolding and other railings provide opportunities for mounting. This unit contains a 100 watt LED lamp and produces 7000 lumens. The solid state LEDs runs cooler than halogen and metal halide lamps, resulting in an easier to handle unit and less heat in the workspace. The aluminum rail/ladder bracket can be adjusted from 26 inches to 43 inches to allow mounting to a wide variety of railings, scaffoldings or ladders.

This units` lamp assembly includes a 100 watt LED lamp, internal driver and aluminum finish reflector in a copper-free cast aluminum housing with a powder coat finish. The lens is constructed of thermal shock and impact resistant tempered glass and the housing contains threaded joints lubricated with non-drying lubricant. The solid state LEDs in this unit have no filament and are thus highly resistant to damage from shocks or impacts. The lamp is rated at 60,000+ hours of operation, providing longer service life than typical halogen lamps. The lamp operates on 120-277V AC 50/60hz without modification, and is supplied with 100 feet of 16/3 SOOW cord ending in an explosion proof straight blade plug. This light is highly durable and produces high light output in a wide flood pattern. The lamp is mounted to an aluminum bracket with adjustable J-hook bottom bracket that enables operators to securely mount the light to any ladder or scaffolding. Lamp adjustment is via an adjustable yolk that allows the operator to adjust the lamp both vertically and horizontally. All hardware on this unit is non sparking/corrosion resistant and the included explosion proof cord is resistant to damage from chemicals and abrasion.

Suggested Applications: include but are not limited to wastewater treatment plants, refinery tanks, oil and gasoline loading docks, coal pulverizing facilities, munitions storage areas, tunnel projects, utility gas plants, power plant areas, hazardous areas and mining conveyor belts.

Made in the USA Quality

1. High Efficiency LED lamp.
2. Low power consumption.
3. 100 Watt Output.
3. Rugged Die Cast Aluminum Lamp Housing.
4. 3/4" Shock Resistant Tempered Glass.
5. Heavy Duty Checmical/Abrasion Resistant Cord.
6. 120-277 Volt AC 50/60hz Operation.
7. Low Maintenance.
8. Adjustable Ladder/Scaffold Mount.
9. UL Listed for Marine Environments.

Superior LED Benefits

1. 60,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LEED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off – No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)

EPL-JHLP-100LED

Product ID: 70074

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**