

EPL-JHLP-70LED

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

Product ID: 70073

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-70LED Explosion Proof LED Light

Lamp Type: LED

Lamp Only Dimensions: 10.7" Length, 9.7" Width, 5.8" Depth

Bracket Dimensions: Adjustable from 26" to 43"

Watts: 70

Lamp Life Expectancy: 60,000+ Hours

Beam Spread: 180° or 360°

Voltage: Universal 100-277 VAC, 50/60Hz

Lighting Configuration: Flood Pattern

Mounting: Aluminum Ladder/Scaffold Bracket

Operating Temperature: T5 Rated

Wiring: 100 ft SOOW Cord ECP1523 plug

Ratings

T5 Temperature Rating

Class 1 Division 1&2 Groups B, C, D

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

UL 844

UL-1598/A

IP66

NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EPL-JHLP-70LED explosion proof LED light fixture from Larson Electronics features a 70 watt LED light head producing 5,800 lumens. ETL listed Class 1, Divisions 1-2 and Class 2, Divisions 1-2, 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-70LED 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, Division 1-2, Groups B,C,D and Class 2, Divisions 1-2, Groups E,F,G areas where ladders, scaffolding and other railings provide opportunities for mounting. This unit contains a 70 watt LED lamp and produces 5,800 lumens. The 70 watt LED lamp produces illumination equivalent to a typical 400 watt halogen bulb while drawing only 70 watts at .59 amps on a 120V AC power source. The LED lamp runs cooler than a 400 watt halogen, resulting in an easier to handle unit and less heat in the workspace. It is available in a 180° beam or a 360° beam. The 360° spread is the standard directional output and typical for flood lights. The 180° shines in only one direction. This is good for down lighting, wall packs and not blinding oncoming traffic or pedestrians. 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 unit's lamp assembly includes a 70 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 life providing longer service life than typical halogen lamps. The lamp is universal voltage, not multi-tap, and operates on any power source ranging from 120V through 277V AC 50/60Hz. This tank cleaning light 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. 70 Watt Output.
3. Rugged Die Cast Aluminum Lamp Housing.
4. 3/4" Shock Resistant Tempered Glass.
5. Heavy Duty Chemical/Abrasion Resistant Cord.
6. 120-277 Volt AC 50/60hz Operation.
7. Low Maintenance.
8. Adjustable Ladder/Scaffold Mount.
9. ETL Approved 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.

Frequently Asked Questions (FAQ)



EPL-JHLP-70LED

Product ID: 70073

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPL-JHLP-70LED-Beam Config

Example: EPL-JHLP-70LED-360

Beam Config	
360 DEGREE	-360
180 DEGREE	-180

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [Video1](#)
- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)