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EPL-JH-PMLED-6W-IR-150

Explosion Proof LED Light - 6 Watt IR LED - Scaffold Mount w/ Base Stand - 150' SOOW Cord - EXP Plug

Product ID: 71269

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.

Specifications / Additional Information

EPL-JH-PMLED-6W-IR-150 Scaffold Mounted IR Light

UL Listing: United States

Dimensions Lamp Only: W-12" L-13 3/16" H-16 3/4"

Weight: 38 lbs. including Scaffold Bracket

Total Watts: 6 watts

Voltage: Universal 100-277V AC 50/60Hz

Low Voltage (Optional): 12-24V DC

LED Lamp Life Expectancy: 50,000 Hours

Operating Temp Range: T3C rated

Beam Angle: 10° Spot or 35° Flood

Wavelength: 750NM, 850NM, or 940NM

Mounting: Non Sparking Extendible Rail Mount

Wiring: 150 ft. SOOW Cord ECP1523 plug

U.L Approval: U.S Certificate

U.L. Ratings

Class 1 Groups C and D

Outdoor Marine Wet Area

ECP1523 Hazardous Location Plug

UL Certified- U.S.

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EPL-JH-PMLED-6W-IR-150 Scaffold Mount Explosion Proof LED

Light is UL Listed Class 1- Groups C and D and is rated for use in wet and marine environments. The adjustable rail/ladder mount and infrared LED lamp used with this unit provides operators with excellent power and efficiency coupled with high versatility and ease of use.

This explosion proof LED light is mounted on our non-sparking extendible "backpack" mounting system allows operators to easily mount this unit to ladders, handrails, catwalks and other similar structures. This versatile mounting system gives operators an easily deployable source of powerful light that can be quickly setup and adjusted to effectively illuminate hazardous work areas, then easily stowed and transported between uses. This unit uses a 6 watt LED lamp that can be configured as a spot or flood beam. The LED lamp produces more light than a typical incandescent bulbs with infrared cutoff filters. The light produces a high powered infrared beam in the 750, 850, or 940 nanometer wavelength, compared to typical incandescent or halogen lamps and results in more effective use of energy and zero wasted light.

The LED lamp runs at a cool 55 degrees Fahrenheit compared to the 198 degree average of a 300 watt incandescent, resulting in an easier to handle unit and less heat in the workspace. This unit`s durability, easy deployment, high power and good color rendering make it ideal for first responders and emergency services.

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. Both shafts are independently adjustable, and can be removed from the center support bracket during transport or storage. The rail mount system has a minimum grab length of 35" and maximum grab length of 57". The light head sits 21" above the top rail bracket, and can be extended to 41" above the top rail. Each rail hook is 3" wide, and the top rail brackets has a total footprint of 16". The light can be easily detached from the mounting system, aiding in deployment, storage and transport. The lamp assembly base stand allows this light fixture to work as a portable light when not mounted to the scaffold mounting system. The lamp can be easily adjusted up, down or from side to side and locked into position. The lamp housing is waterproof and constructed of thick copper free aluminum alloy, making it ideal for use in wet and marine environments.

The LEDs in this unit are highly resistant to damage from shocks or impacts, greatly reducing the chances of damage should the tower be knocked over, unlike incandescent lamps which may break or shatter. The LED lamp is rated at 50,000 hours of life providing up to ten years of regular service. 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 150 feet of 16/3 SOOW cord ending in an explosion proof straight blade plug.

Made in USA Quality

1. Spot or Flood Configuration
2. Fixture arrives assembled and lamped. Adjustable and can be locked into the desired position.
3. Unit is waterproof and constructed of thick corrosion resistant copper free aluminum alloy.
4. No ballast on this light.
5. 6 watt infrared LED lamp resists damage from impacts, runs cooler and has a 50,000 hour rated service life.
6. Non sparking rail mount system is adjustable.
7. Explosion proof, impact resistant and ideal for use in wet and marine environments.

Superior LED Benefits

1. 50,000 hour lifespan.
2. Can SAVE 50% or more on energy.
3. Less frequent outages, higher output improves workplace safety.
4. Reduces energy use and creates less heat.
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Bright, even light maintains consistent color over time.
9. Instant on/off – No flickering, delays or buzzing
10. Very good color rendering.
11. Vibration/impact resistant.

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Frequently Asked Questions (FAQ)



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EPL-JH-PMLED-6W-IR-150
Product ID: 71269

Warranty: 36 Months

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:
EPL-JH-PMLED-6W-IR-150-Beam Config-Wavelength
Example: EPL-JH-PMLED-6W-IR-150-SP-750NM

Beam Config	
SPOT	-SP
FLOOD	-FL

Wavelength	
750NM	-750NM
850NM	-850NM
940NM	-940NM

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- Video1
- Video2
- Video3
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map