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-JH70-220V

Explosion Proof Light on Adjustable Rail/Ladder Bracket Mount - 70 Watt Metal Halide - 220 Volts

Product ID: 48307

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-JH70-220V Metal Halide

Lamp Type: Metal Halide
Lamp Only Dimensions:W-13 1/4" D-12 1/2" H-11 1/2"
Bracket Dimensions: Adjustable from 26" to 43"
Watts: 70

Lamp Life Expectancy: 25000+ Hours
Voltage: 220 50/60Hz VAC

Lighting Configuration: Flood Pattern

Mounting: Aluminum Ladder/Scaffold Bracket

Operating Temp Range: T4 rated

U.L. Listing: Marine Saltwater Use

Wiring: 100 ft SOOW Cord ECP1523 plug

Beam Lux: 8500@ 1 Meter 1250@ 3 Meters

U.L Approval: U.S Certificate Canada Certificate

U.L Ratings

Class I , Division 1 , Groups C, D
Class II Division 1 Groups F, G
Class III
UL 781 portable HAZLOC use
ECP 1523 5-15P plug
UL 595 for Marine Type
UL Listed U.S. / CSL

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-JH70-220V metal halide hazardous area light fixture from Larson Electronics is

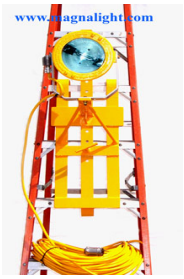
capable of illuminating an area 13,000 square feet in size. Weather proof and U.L. listed for marine use, this metal halide lamp comes attached to an aluminum rail/ladder mount bracket that allows operators to easily mount this unit to ladders, handrails, catwalks and other similar structures..

The versatile EPL-JH70-220V bracket mounted metal halide 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 1 Groups C,D area where ladders, scaffolding and other railings provide opportunities for mounting. This unit contains a 70 watt dual ended metal halide lamp and is capable of illuminating 13,000 square feet of work space. The 70 watt metal halide lamp produces illumination equivalent to a typical 400 watt halogen bulb while drawing only 70 watts at .58 amps.

The halogen lamp runs cooler than a 400 watt halogen, 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.



Click Photo to Enlarge



Click Photo to Enlarge

Click Photo to Enlarge

This units` lamp assembly includes a 70 watt metal halide bulb, internal ballast and aluminum finish reflector in a copper-free cast aluminum housing with a thermoset powder coat finish. The shell, covers and sealed fittings are also made of copper-free aluminum. The lens is constructed of thermal shock and impact resistant tempered glass and the housing contains threaded joints lubricated with non-drying lubricant. The metal halide lamp in this unit has no filament and is thus highly resistant to damage from shocks or impacts. The lamp is rated at 25000+ hours of life providing longer service life than typical halogen lamps. The lamp operates with 220 50/60Hz VAC 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 Metal Halide lamp.
2. 70 Watt Output.
3. Rugged Die Cast Aluminum Lamp Housing.
4. 3/4" Shock Resistant Tempered Glass.
5. Heavy Duty Checmical/Abrasion Resistant Cord.
6. 220 Volt Operation.
7. Low Maintenance.
8. Adjustable Ladder/Scaffold Mount.
9. Yellow Powder Coat Paint Finish
10. UL Listed for Marine Environments.

Metal Halide Benefits

1. Long lamp life.
2. High efficiency and low amp draw after initial startup.
3. High durability and reliability.
4. High output and very good color rendering.
5. Vibration and shock resistant.
6. Low maintenance.

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

Frequently Asked Questions (FAQ)

EPL-JH70-220V

Product ID: 48307

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **DXF (2D CAD Model)**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **Video1**
- **Video2**
- **Video3**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**