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EPL-TN-150

150W Explosion Proof High Pressure Sodium Light - Class I & II, Division I & II - Permanent Mount

Product ID: 105436

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-TN-150 Explosion Proof High Pressure Sodium Light
Lamp Type High Pressure Sodium (HPS)
Dimensions: 14.00" x 9.50" x 11.50"
Weight: 20.70 lbs
Total Watts: 150 Watts
Voltage: 120 Volts AC, 1.25 Amp Draw
Coverage: 20,000 Square Feet
Lamp Life Expectancy: 24,000+ Hours
Temperature Rating: T6 Rated
Waterproof Rating: NEMA 4X
Mounting: Permanent Mount Yolk
Wiring: 3/4" NPT Hub
Beam Lux: 8500 @ 1 Meter 1250 @ 3 Meters

Approvals/Ratings:
Class I Division 1 Groups C & D
Class I Division 2 Groups A, B, C & D
Class II Divisions 1 & 2 Groups F & D
Class III Division 1 & 2
CSA C22.2 No. 250.0, 94.0, 213.0, 137.0, 30.0
NEMA 4X
T6 (85°C) Temperature Rating

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The EPL-TN-150 from Larson Electronics is an Explosion Proof High Pressure Sodium Light that is approved for Class I Division 1 Groups C & D, Class I Division 2 Groups A, B, C & D, Class II Divisions 1 & 2 Groups F & D and Class III Divisions 1 & 2 hazardous areas and is also rated for use in wet and marine environments. This ruggedly constructed unit provides operators with excellent power and efficiency coupled with high

versatility.
This permanent mount explosion proof high pressure sodium (HPS) light provides operators with a highly dependable source of powerful light that can be used in a variety of areas and mounted to walls, brackets and any flat surface that will accommodate its adjustable yolk type mount. This unit contains a 150 watt dual ended high pressure sodium lamp and is capable of illuminating 20,000 square feet of work space. The 150 watt HPS lamp produces illumination equivalent to a typical 400 watt halogen bulb while drawing only 150 watts at 1.25 amps. The high pressure sodium lamp produces more light and runs cooler than a 400 watt halogen, resulting in an easier to handle unit and less heat in the workspace.
This unit`s durability, easy mounting, high power and the exceptional color rendering of its high pressure sodium lamp make it ideal for close work and hazardous areas where safety, detail and accuracy are critical. The 150 watt HPS bulb is ideal for dust and wet area locations since the light penetrates those airborne particles well.


Click Photos to Enlarge


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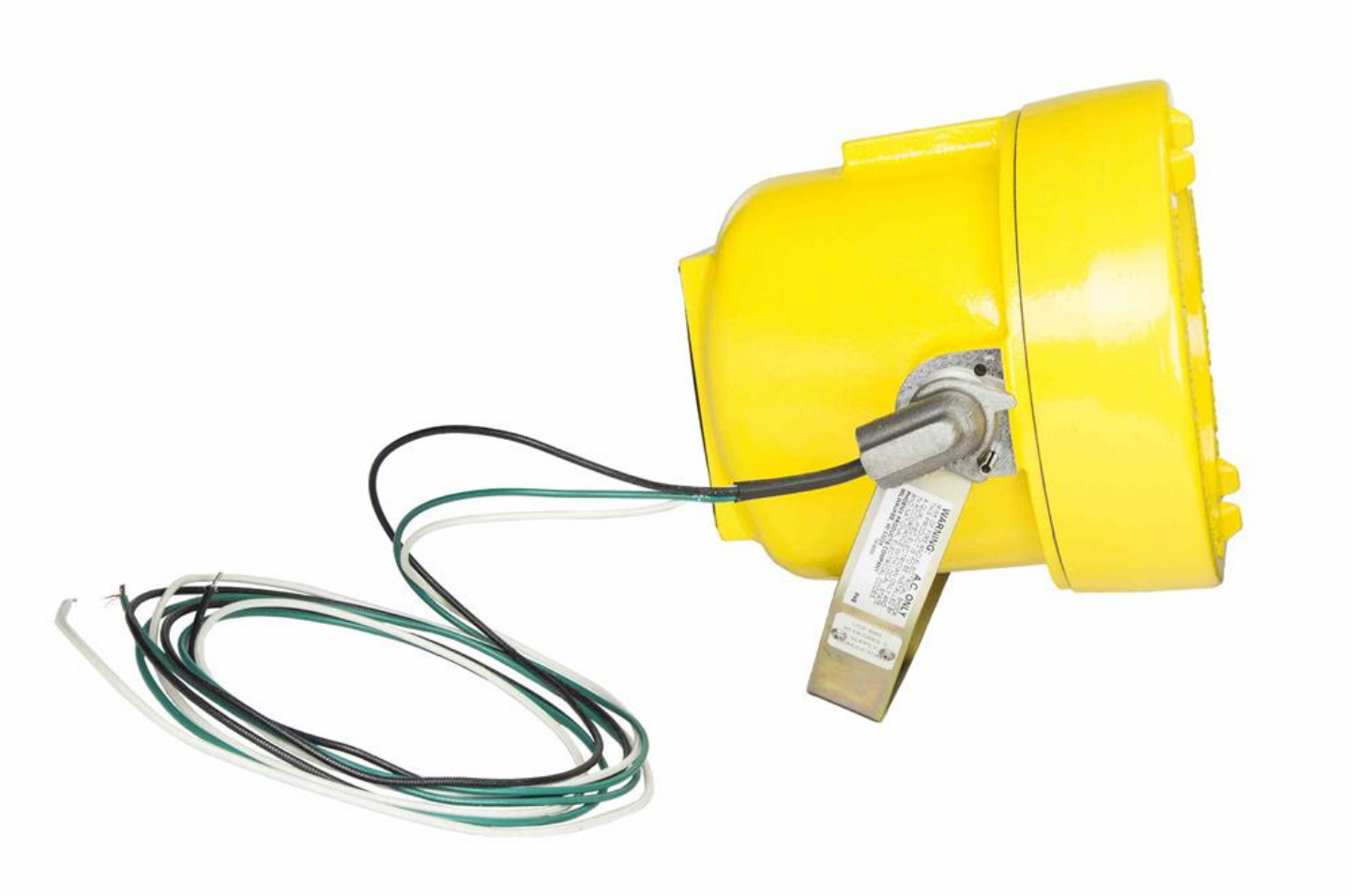

Click Photos to Enlarge

This lamp can be easily adjusted up or down and locked into position via a side mounted adjustment knob. The lamp housing is waterproof and constructed of thick copper free aluminum alloy, making it ideal for use in wet and marine environments. This high pressure sodium lamp provides 20,000 square feet of coverage with good color rendering and object contrast.
The EPL-TN-150 lamp assembly includes a 150 watt High Pressure Sodium 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, greatly reducing the chances of damage should the be dropped or hit, unlike incandescent lamps which may break or shatter.
The lamp is rated at 24,000+ hours of life providing longer service life than typical halogen lamps. The lamp operates with 120V AC and features a 3/4" NPT hub for making wiring connections.
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.
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.

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Frequently Asked Questions (FAQ)


WARNING
AC ONLY



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Product ID: 105436

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- Dimensional Drawing 2D
- STEP File (3D CAD Model)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map