

EPLC2-100HPS-RS

100W Hazardous Location High Pressure Sodium Light - Class I, II - Instant Restrike, Weatherproof

Product ID: 257554

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.

EPLC2-100HPS-RS Hazardous Location High Pressure Sodium

Listing: NRTL Listed for United States and Canada

Lamp Technology: High Pressure Sodium

Dimensions: 21.5"-L x 13"-OD

Weight: -

Voltage: Multi-Tap -120, 208, 240 and 277 Volts

Total Watts: 100W

Total Lumens: 10,000 lms

Luminous Efficacy: 100 Lm/W

Lamp Life: -

Color Temp: 2700K

Color Rendering Index: -

Lamp Type: -

Lamp Base: -

Replacement Lamp: -

Beam Angle: -

Lighting Configuration: Flood

Power Efficiency: -

Power Factor: -

Ballast: Instant Restrike/Multi-Tap

Temp Rating: T2A

Ambient Operating Temp Range: -

Housing Material: Copper-free Aluminum

Ratings

Class I, Division 2 Groups A,B,C,D

Class I, Zone 2 Groups IIA,IIB,IIC

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

NEMA 3, 4, 4X, IP66

Suitable for Wet Locations

Bulb NOT Included

Special Orders - Special Requirements

Contact us for special requirements

Housing Finish: Electrostatically Applied Baked Powder Epoxy

Lens Material: -

Mounting: Ceiling, Wall or Pendant mount

Hub Size: 3/4" NPT

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The Larson Electronics EPLC2-100HPS-RS Hazardous Location High Pressure Sodium Light is capable of illuminating an area approximately 4,500 square feet in size. This 100-watt fixture is available in pendant, ceiling or wall mount versions and is an ideal choice for industrial applications and use in enclosed spaces. The light is protected by a copper-free aluminum housing and lamp guard.

The EPLC2-100HPS-RS is approved for use in wet marine locations and is ideal for industrial applications, confined spaces, hazardous locations and areas where a powerful and durable floodlighting solution is needed. This 100-watt light is highly durable and produces 10,000 lumens of output with a 2,700 color temperature rating. During use, the unit provides a wide flood pattern for comprehensive illumination. The instant restrike, multi-tap ballast is compatible with 120V, 208V, 240V and 277V.

The lamp housing is weatherproof and constructed of non-sparking aluminum featuring a heavy duty, mogul base lamp socket, tempered and heat resistant glass dome and cast aluminum dome guard. This lamp carries a long lamp life rating of 24,000 hours and fast hot restrike capability, reducing downtime and replacement costs.

Wiring: Wiring is through a convenient 3/4" NPT conduit entrance. Three-conductor No. 14 cable (with 90° C minimum insulation) is recommended for making electrical connections. Wiring is accomplished through the wiring enclosure provided on the fixture. Wiring methods must comply with NFPA 70 (The National Electrical Code).

Mounting: This unit is available in pendant, ceiling and wall mount versions and includes stainless steel exterior hardware for added resistance to the salt water conditions found in marine environments.

Please Note: This fixture does not include bulb. Please see related items for replacement lamp.

Suggested applications: Shipyards, boat yards, plants, tanks, vessels, fuel cells, barges and oil field applications.

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.

Frequently Asked Questions (FAQ)









EPLC2-100HPS-RS

Product ID: 257554

Export Control Classification Number (ECCN): EAR99

Options:

EPLC2-100HPS-RS-Mount

Example: EPLC2-100HPS-RS-CLNG

Mount	
CEILING	-CLNG
PENDANT	-PND
WALL	-WLL
STANCHION 25DEG	-STNCH25

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)