

EPLC2-100W-HPS

Class 2 Division 1 Light - 100W High Pressure Sodium Light

Product ID: 153383

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.

EPLC2-100W-HPS Explosion Proof High Pressure Sodium

Lamp Type: High Pressure Sodium
Lamp Dimensions: 21 1/2"-L, 13"-OD,
Ballast: Pulse Start / Multi-Tap
Watts: 100
Lumens Per Watt: 157
Voltage: Multi-Tap -120, 208, 240 and 277 Volts
Lighting Configuration: Flood Pattern
Color Temperature: 2700K
Mounting: 3/4" Ceiling, Wall or Pendant mount
U.L. Listing: Class1 DIV 2 Groups A,BC,D
Total Lumens: 15,750
Wiring: 3/4 inch Conduit
Temp Rating: T2A

U.L Ratings

Class 1, Division 2 Groups A,B,C,D
Class 1 Zone 2 -Groups IIA, IIB, IIC
Class 2, Division 1 & 2, Groups E,F,G
Class III
UL 1598 Marine
UL 844
UL 1598
NEMA 3, 4, 4X, IP66
Suitable for Wet Locations
Bulb NOT Included

Special Orders - Special Requirements

Contact us for special requirements
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Made in the USA

The EPLC2-100W-HPS high pressure sodium, hazardous area light fixture from Larson Electronics produces 15,750 lumens of light capable of illuminating an area approximately 7,500 square feet in size. Weather

proof and U.L. listed for marine use, this 100 watt high pressure sodium fixture is available in pendant, ceiling or wall mount versions and is an ideal choice for industrial applications and use in enclosed spaces.

The durable EPLC2-100W-HPS high pressure sodium fixture from Larson Electronics is approved for use in wet marine locations and is ideal for industrial applications, confined spaces, hazardous work areas and Class 1 DIV 2 areas where a powerful and durable floodlighting solution is needed. The lamp housing is weatherproof and constructed of corrosion-resistant, copper-free aluminum alloy with electrostatically applied baked powder epoxy, featuring stainless steel hardware, plated steel spin-top refractor guards, and corrosion-resistant reflector. This unit includes a low wattage mogul base. This lamp carries a long lamp life rating of 60,000 hours and a fast hot restrike capability, reducing downtime and replacement costs. 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.

This hazardous area light is U.L. rated Class 1 Division 2, Groups A, B, C and D and UL1598 listed for outdoor marine use. The integral multi-tap ballast is protected within the weatherproof housing and can be operated on 120, 208, 240 and 277 Volts. This lamp is suitable for use in confined spaces and areas where wet marine conditions exist. The multi-purpose floodlight design of this fixture makes it a popular choice for industrial and marine applications regardless of whether the locations are designated hazardous or not. The non sparking aluminum fixture body is electrocoated for durability and corrosion resistance while a tempered glass globe protected by an aluminum globe guard provides lamp security against impacts and the elements.

Wiring: This light is highly durable and produces high 15,750 lumen light output in a wide flood pattern. Wiring is through a convenient ¾ inch 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. The box is provided with a size 3/4-in. NPT threaded conduit opening. Wiring methods must comply with NFPA 70 (The National Electrical Code).

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

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

Made in the USA Quality

1. High Efficiency High Pressure Sodium lamp.
2. 157 Lumens per Watt.
3. Rugged Die Cast Aluminum Lamp Housing.
4. Shock Resistant Tempered Glass.
5. Heavy Duty Gasket.
6. Socket: Mogul Base.
7. Low Maintenance.
8. Corrosion Resistant Materials.
9. Stainless Hardware.
10. UL Listed for Marine Environments.

High Pressure Sodium 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.

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Frequently Asked Questions (FAQ)







EPLC2-100W-HPS

Product ID: 153383

Export Control Classification Number (ECCN): EAR99

Options:

EPLC2-100W-HPS-Mount

Example: EPLC2-100W-HPS-CLNG

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

Links (Click on the below items to view):

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