

EPLSB-LED-12W

Explosion Proof LED Light - Class 1 & 2 Division 1 & 2 LED Light

Product ID: 48564

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.

EPLSB-LED-12W

Lamp Type: LED
Lamp Dimensions: 7.44"-Diameter, 11.1" Height
Lamp Weight: 12 lbs
Hub: 3/4" Threaded
Candela: 141
Voltage: 120/240 Volts AC or 12/24 Volts DC
Lighting Configuration: Steady Burn
Mounting: 3/4" Hub- Wall, Ceiling, or Pendant Mount
Amp Draw: 0.1 @ 120VAC, 1 @ 12VDC, 0.5 @ 24VDC
U.L. Listing: Classified by the National Electric Code
Total Lumens: N/A
Wiring: 3/4 inch Threaded Hub
Temp Rating: T6 - All Voltage and Temperature Ranges
In-rush Current: 100 mA @ 120 VAC - 300 mA in-rush // 50 mA @ 240 VAC - 150 mA in-rush
Operating Temp: -55 C to 85 C
Warranty: 5 years

U.L Ratings

Class 1 Div 1 -Groups C, D
Class 1 Div 2 -Groups A, B, C, D
Class 2, Division 2, Groups F, G
NEMA 4X
Suitable for Marine Environments
T6 Temperature Rating
-55 C to 85 C Operating Temp

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

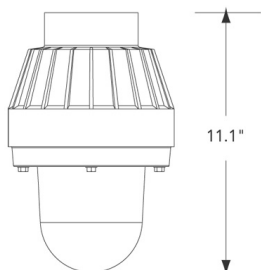
Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

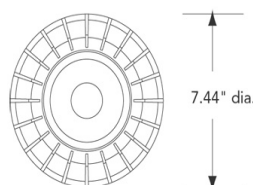
Made in the USA

The EPLSB-LED-12W Explosion Proof LED light from Larson Electronics can be configured to run on 120/240 Volts AC or 12/24 Volts DC and provides operators with a very long lived and powerful alternative to traditional HID and incandescent strobe lights. Weather proof and Nema 4X compliant for marine use, this LED light is available in a variety of mounting configurations and has several color options available.

The powerful and durable EPLSB-LED-12W explosion proof LED light from Larson Electronics is approved for use in marine locations and is ideal for industrial applications, confined spaces, hazardous work areas where a powerful and durable alternative to standard incandescent and HID lighting is preferred. The lamp housing is weatherproof and constructed of copper-free aluminum alloy featuring a baked on powder coat finish, o-ring sealed glass dome with double pitch acme threads, and stainless steel hardware for corrosion resistance. This unit is not intended for high bay applications but performs well at standard heights and is available in red, blue, green, amber, and white LED colors.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

This hazardous area light is UL Listed Class 1 Division 1, Groups C and D, Class 1 Division 2 Groups A, B, C, D, and Class 2, Division 2, Groups F and G. These lights are also compliant with NEMA 4X standards and marine-rated for use in salt water environments. The high power LED cluster is protected by an internal cooling fin array that reduces heat build for longer LED life and higher light output consistency. These LED explosion proof lights have 3/4" hubs and can be configured to run on 120/240 Volts AC or 12/24 Volts DC.

This LED light has a T6 temperature rating and an operating temp range of -55 C to 85 C. The LED output of these beacons is rated at 141 Candela and provides highly effective light output that compares to traditional incandescent and HID units. This explosion proof LED light is warranted for 5 years against manufacturing defects.

Suggested applications: ship yards, boat yards, plants, manufacturing, vessels, petrochemical plants, barges and oil rig and oil field applications.

Made in the USA Quality

1. High Power LED.
2. Heat Baked Powder Coat Finish.
3. Rugged Non Sparking Aluminum Lamp Housing.
4. Shock Resistant Glass.
5. Sealed Glass Enclosure.
6. Efficient Heat Dissipation..
7. Low Maintenance.
8. Corrosion Resistant Nema 4X Marine Compliant.
9. Stainless Hardware.
10. Double Pitch Acme Threads.

LED Benefits

1. Long lamp life.
2. High efficiency and low amp draw.
3. High durability and reliability.
4. High output and very good color rendering.
5. Vibration and shock resistant.
6. Low maintenance.
7. Low temperature.
8. Less frequent outages, higher output improves workplace safety.

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)





EPLSB-LED-12W

Product ID: 48564

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EPLSB-LED-12W-Mount-Voltage-LED Color

Example: EPLSB-LED-12W-CLG-1227-RED

Mount	
CEILING	-CLG
PENDANT	-PND
WALL	-WAL

Voltage	
120-240VAC	-1227
12-36VDC	-1224

LED Color	
RED	-RED
AMBER	-AMB
WHITE	-WHT
BLUE	-BLU
GREEN	-GRN

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)