

EPL-80-141-VAC-WM

Explosion Proof LED Light - 120-240 Volts AC - Wall Mount - Class 1 Div. 1

Product ID: 105536

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-80-141-VAC-WM Explosion Proof LED Light

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 50/60hz

Lighting Configuration: Steady Burn

Mounting: 3/4" Hub- Wall Mount

Lamp Weight: 12 lbs

U.L. Listing: Classified by the National Electric Code

Total Lumens: N/A

Wiring: 3/4 inch Conduit

Temp Rating: T6 - All Voltage and Temperature Ranges

In-rush Current: 065 mA @ 120 VAC - 125 mA @ 240 VAC

Amp Draw: 100 mA @ 120V - 050 mA @ 240V

***3 year warranty replacement on this LED light.**

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

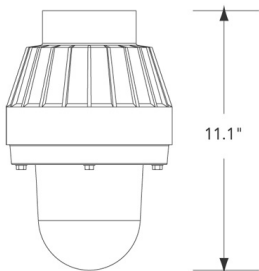
Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

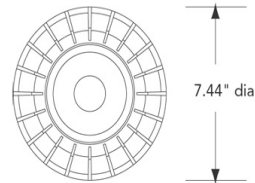
Made in the USA

The EPL-80-141-VAC-WM Explosion Proof Wall Mount LED Light Fixture from Larson Electronics operates on 120-240 VAC and provides operators with a very long lived and powerful alternative to traditional HID and incandescent light sources. Weather proof and Nema 4X compliant for marine use, this LED light comes standard in wall mount configuration with several available color options.

The powerful and durable EPL-80-141-VAC-WM LED light from Larson Electronics is approved for use in marine locations and is ideal for industrial applications, confined spaces, hazardous work areas and Class 1 DIV 1 & 2 areas where a powerful and durable lighting solution is needed. 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 comes standard in wall mount configuration with red, blue, green, amber, and white LED colors for available options.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

This hazardous area light is 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. An internal DIP switch allows operators to choose from steady on, single flash or double flash modes. These LED lights have 3/4" hubs and can be operated with voltages of 120 to 240 VAC 50/60hz without modification. This Class 1 Division 1 LED light has a T6 temperature rating and an operating temp range of -55°C to +85°C. This LED fixture 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 Module.
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)



EPL-80-141-VAC-WM

Product ID: 105536

Export Control Classification Number (ECCN): EAR99

Options:

EPL-80-141-VAC-WM-Lamp Color

Example: EPL-80-141-VAC-WM-RED

Lamp Color	
RED	-RED
AMBER	-AMB
WHITE	-WHT
BLUE	-BLU

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)