

EPSL-80-141-VDC-WMA

Explosion Proof LED Strobe Light - 12-24VDC - Class 1, Div. 1 - Wall Mount

Product ID: 47191

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EPSL-80-141-VDC-WMA

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.

EPSL-80-141-VDC-WMA Explosion Proof LED Strobe Beacon

Lamp Type: LED

Lamp Dimensions: 7.44"-Diameter, 11.1" Height

Lamp Weight: 12 lbs

Hub: 3/4" Threaded

Candela: 141

Voltage: 12 - 24 Volts DC

Lighting Configuration: Strobing Beacon

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 Threaded Hub

Temp Rating: T6 - All Voltage and Temperature Ranges

In-rush Current: 1.5 Amps @ 24 VDC Flashing and Steady

Amp Draw: 170 mA @ 24 VDC Flashing; 500 mA Steady

*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

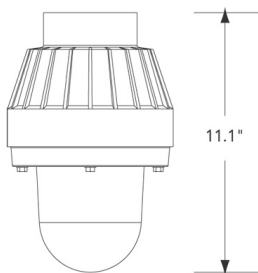
Fax: 1-903-765-7664

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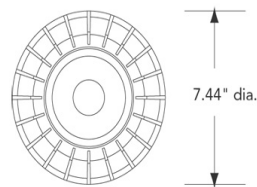
Made in the USA

The EPSL-80-141-VDC-WMA LED hazardous area strobe beacon from Larson Electronics operates on 12-24 VDC 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 low voltage LED strobe light comes standard in wall mount configuration and has several color options available.

The powerful and durable EPSL-80-141-VDC-WMA strobing beacon 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 low voltage strobe light 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 only in standard wall mount configuration with red, blue, green, amber, and white LED colors as available options.



[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. An internal DIP switch allows operators to choose from steady on, single flash or double flash modes. These LED strobe beacons have 3/4" hubs and can be operated with voltages of 12 to 24 VDC without modification.

This strobe 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 strobe visibility in combustible atmospheres. In strobe mode this LED beacon produces 52 single flashes per minute. This Strobing LED beacon 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.

1. High Power LED Strobe.
 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.
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.



Frequently Asked Questions (FAQ)

There are no Faqs

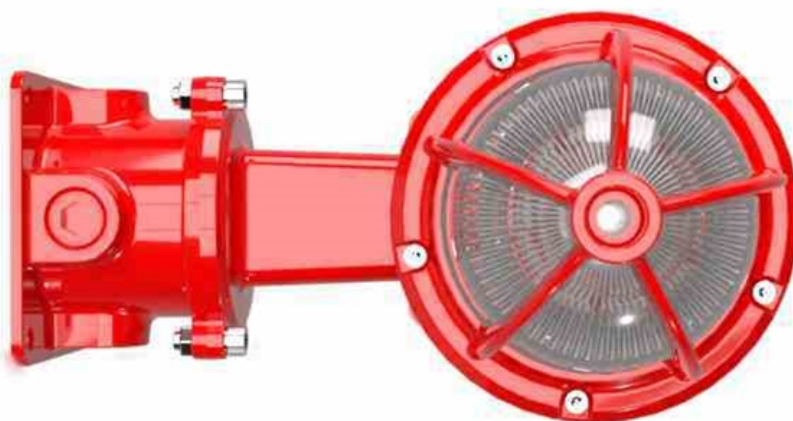


Image: EPSL-80-141-VDC-WMA

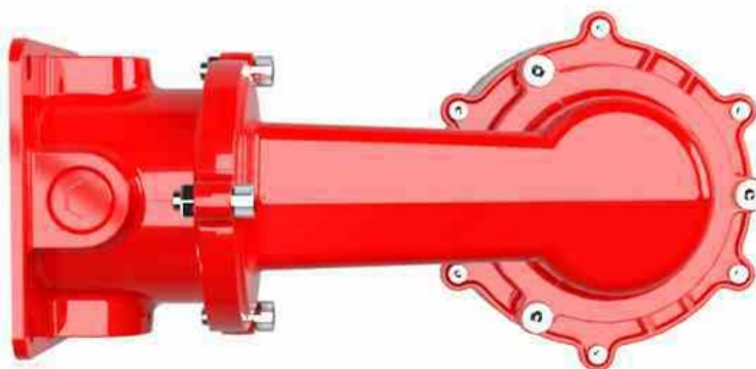


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EPSL-80-141-VDC-WMA

Product ID: 47191

Export Control Classification Number (ECCN): EAR99

Options:

EPSL-80-141-VDC-WMA-LED Color-Flash Pattern

Example: EPSL-80-141-VDC-WMA-RED-SF

LED Color		Flash Pattern	
RED	-RED	SINGLE FLASH	-SF
AMBER	-AMB	DOUBLE FLASH	-DF
WHITE	-WHT	STEADY BURN	-STB
BLUE	-BLU		
GREEN	-GRN		



Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/47191.PDF>)
- **CE Certificate**(<https://www.larsonelectronics.com/images/product/CECert/47191.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/47191.PDF>)
- **Dimensional Drawing 2D**(<https://www.larsonelectronics.com/images/product/DimensionalDrawing/47191.PDF>)
- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/47191.PDF>)
- **SpecSheetArabic**(<https://www.larsonelectronics.com/images/product/SpecSheetArabic/47191.PDF>)
- **SpecSheetFrench**(<https://www.larsonelectronics.com/images/product/SpecSheetFrench/47191.PDF>)
- **STEP File (3D CAD Model)**(<https://www.larsonelectronics.com/images/product/Step/47191.ZIP>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/47191.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/47191.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/47191.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/47191.JPG>)
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- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/47191.JPG>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
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