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EPSL-80-141-VDC

Explosion Proof LED Strobe Light - 12-36 Volts DC - 141 Candela - Class 1 Div 1.

Product ID: 46728

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.

EPSL-80-141-VDC 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 - 36 Volts DC
Lighting Configuration: Strobing Beacon
Mounting: 3/4" Hub- Ceiling, Wall* or Pendant Mount
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
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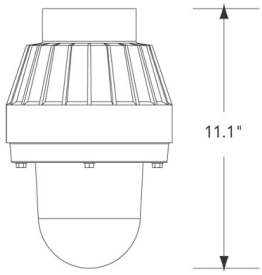
Made in the USA

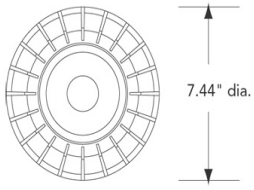
The EPSL-80-141-VDC LED hazardous area strobe beacon from Larson Electronics operates on 12-36 VDC and provides operators with a very long lived and powerful alternative to traditional HID and incandescent strobe lights. Weather proof and Nema 4X compliant for marine use, this low voltage LED strobe light is available in pendant, ceiling or wall mount versions with several color options available as well.

The powerful and durable EPSL-80-141-VDC 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 is available in pendant, ceiling and wall mount versions as well as 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. An internal DIP switch allows operators to choose from steady on, single flash or double flash modes and the choice of ceiling, pendant or wall mounting options provide versatility when choosing mounting locations. These LED strobe beacons have 3/4" hubs and can be operated with voltages of 12 to 36 VDC without modification.
This strobe light has a T6 termperature rating and 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 single flash mode this LED beacon produces 80 single flashes per minute and in double flash mode produces 40 double flashes per minute. This Strobing LED beacon is warrented 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 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.

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.

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Frequently Asked Questions (FAQ)









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EPSL-80-141-VDC
Product ID: 46728

Export Control Classification Number (ECCN): EAR99

Options:
EPSL-80-141-VDC-mounting type-Color-Flash Pattern
Example: EPSL-80-141-VDC-CLG-RED-SF

mounting type	
CEILING	-CLG
PENDANT	-PND

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

Flash Pattern	
SINGLE FLASH	-SF
DOUBLE FLASH	-DF
STEADY BURN	-STB

Links (Click on the below items to view):

- Canadian CEC Certificate (Commonly referred to as CSA Certificate)
- CE Certificate
- Certificate 1, Misc
- Dimensional Drawing 2D
- Operations Manual
- SpecSheetArabic
- SpecSheetFrench
- STEP File (3D CAD Model)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map