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EPSLED-80-141-1227-16.3-100C-EPP

Explosion Proof LED Strobe Light - 120-277 V AC - Class 1 Div. 1 - EXP Cord Cap

Product ID: 239691

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



Image: EPSLED-80-141-1227-16.3-100C-EPP

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.

EPSLED-80-141-1227-16.3-100C-EPP 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: 400
Voltage: 120 - 277 Volts AC 50/60hz, 12V DC or 24V DC
Amp Draw: 0.08A @ 120V - 0.04A @ 277V - 0.83A @ 12V - 0.42A @ 24V
Lighting Configuration: Strobing Beacon
Mounting: 3/4" Hub- Ceiling Mount
Cord Cap: 5-15, 5-20, or 6-20 - C1D1 Rated
Temp Rating: T6 - All Voltage and Temperature Ranges
Total Lumens: N/A
Wiring: 3/4 inch Hub, 100ft cord

Ratings/Approvals

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
Listed for United States and Canada

Special Orders - Special Requirements

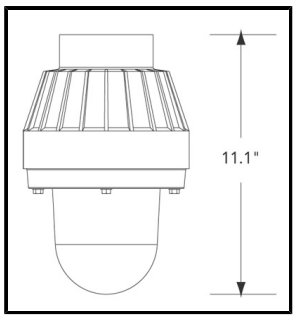
Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The EPSLED-80-141-1227-16.3-100C-EPP LED hazardous area LED strobe beacon from Larson Electronics operates on 120-277 VAC 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 strobe light is available in ceiling or wall mount versions with several color options available as well.

The powerful and durable EPSLED-80-141-1227-16.3-100C-EPP 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 Divisions 1 & 2 areas where a powerful and durable 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 a ceiling mount version as well as red, blue, green, amber, and white LED colors and strobing or steady burn configurations.



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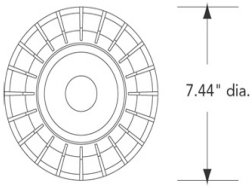

Click Photo to Enlarge

This hazardous area light is 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 lamp is protected by an internal cooling fin array that reduces heat build for longer LED life and higher light output consistency. These LED strobe beacons have 3/4" hubs and is operated on 120 to 277 VAC 50/60hz without modification.

This strobe light has a T6 temperature rating and and an operating temp range of -55°C to +85°C. The LED output of these beacons is rated at 400 Candela and provides highly effective strobe visibility in combustible atmospheres. In single flash mode this LED beacon produces 80 single flashes per minute. This Strobing LED beacon is warranted for 5 years against manufacturing defects.

Click Photos to Enlarge



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring and Plug: This hazardous area LED strobe light is equipped with a 100 foot cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include explosion proof 5-15 15 amp straight blade plug, explosion proof 5-20 20 amp straight blade plug, or explosion proof 6-20 20 amp straight blade plug. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

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)

There are no Faqs

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Product ID: 239691

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:

EPSLED-80-141-1227-16.3-100C-EPP-Cord Cap-Color
Example: EPSLED-80-141-1227-16.3-100C-EPP-1523-RED

Cord Cap	
5-15	-1523
5-20	2023-125V
6-20	-2023-250V

Color	
RED	-RED
AMBER	-AMB
WHITE	-WHT
BLUE	-BLU
GREEN	-GRN
PURPLE	-PRPL

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/239691.JPG)
- **Video1**(https://www.youtube.com/watch?v=SS0ATA02Bn0)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)