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EPL-20W-G2

7W Explosion Proof LED Flashlight - C1D1, C2D1 - Battery Rechargeable - Spot/Flood - SOS Strobe

Product ID: 147851

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-20W-G2 - EPL-20W-G2 Explosion Proof LED Flashlight

Unit Type: Explosion Proof LED Light
Dimensions: -
Weight: 7 lbs
Voltage: 120V 50/60 Hz, 240V 50/60 Hz or 12-24V Charger for Docking Station
Watts: 7 Watts (Main), 2 Watts (Side)
Lumens: 700 (Main), 200 (Side)
Color Temp: 5,000K - Cool White
Beam Configuration: Spot and/or Flood
LED Lamp Life Expectancy: 50,000+ Hours
Ambient Operating Temperature: -40°C to +50°C
Temperature Rating: T4
Materials: Rubber Bump Guards
Battery Capacity: 2,600 mA - Removable
Battery Charge Time: 3.75 Hrs
Runtime: 5 Hrs
Color: Black

Ratings/Approvals

Class I, Divisions 1 & 2 Groups A, B, C, D
Class II, Divisions 1 & 2 Groups E, F, G
ATEX II 1 G Ex ia op is IIC T4 Ga
ATEX II 1 D Ex ia op is IIIC T130C Da
IECEx Ex ia op is IIC T4 Ga
IECEx Ex ia op is IIIC T130C Da
Certified to UL 913
Certified to EN/UL/CSA 60079-0
Certified to EN/UL/CSA 60079-11
Certified to EN 60079-28
Certified to MIL-STD-810G
CE Certified
Intrinsically Safe
IP54 Weatherproof

Special Orders- Requirements

Contact us for special requirements

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The EPL-20W-G2 Explosion Proof LED Light from Larson Electronics is the first LED model in the Blackjack™ lineup, offering a powerful, portable flashlight that is designed for illumination in hazardous locations. The battery-powered unit features a 7-watt spotlight (700 lumens) and a 2-watt floodlight located on the side (200 lumens). This heavy-duty luminary is dimmable and offers 5 hours of continious use per charge. During emergency situations, the LED light doubles as an SOS strobe light via a built-in strobing feature.

The Blackjack™ is an explosion proof LED flashlight offers versatile lighting in hazardous locations and rugged environments. This intrinsically safe unit comes with two options for illumination. The main light head features a 7-watt spotlight that is capable of emitting 700 lumens of cool white light at 5,000K. A secondary light located at the side of the luminary emits 200 lumens of cool white light in a flood beam configuration. Both lighting options can be operated simultaneously or separately, depending on the preference of the operator. For extra beam control, this LED light is dimmable, which can be activated by holding down and releasing the power button at the desired setting.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

The EPL-20W-G2 comes with several safety features for use in rugged, unpredictable hazardous locations. Operators may activate an SOS strobe by double-clicking on the power button. For protection against rough handling and dropping, this unit comes with rubber bump guards around the light head, center and end of the housing. The ATEX/IECEx-rated explosion proof LED flashlight is suitable for the following hazardous locations: Class I, Divisions 1 & 2 Groups A, B, C and D; and Class II, Divisions 1 & 2 Groups E, F and G.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.



Click Photo to Enlarge



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Power and Battery: The intrinsically safe light is powered by a 2,600mA battery that is rechargeable via a docking station. The power cell is removable, but not required. Charging time to full capacity is 3.75 hours, while runtime in a fully charged state is 5

hours. The explosion proof LED flashlight features a lengthy operational lifespan of 30,000+ hours. This unit is offered in the following voltage options: 120V AC, 240V AC or 12-24V (charger for docking station).

Applications: Hazardous locations, aerospace, chemical processing plants, refineries, oil and gas, mining, construction, gas facilities, agricultural sites, fire fighting, task lighting, confined spaces, portable lighting, temporary lighting, emergency lighting, inspections, monitoring, security and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)






LARSON
EPL-26W-UV-G2



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EPL-20W-G2

Product ID: 147851

Export Control Classification Number (ECCN): EAR99

Options:

EPL-20W-G2-Voltage

Example: EPL-20W-G2-120V

Voltage	
120V	-120V
240V	-240V
12-24V	-1224

Links (Click on the below items to view):

- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**