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EXPRA-06R-LED-BLU

Rechargeable Explosion Proof Blue LED Right Angle Clip Light - C1D1 Groups C & D - Made in USA

Product ID: 147205

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.

EXPRA-06R-LED-BLU Explosion Proof Blue LED Angle Light
Safety Listing: UL, CSA,
Dimensions: 2.5"L x 3.0"W x 7.0"H
Battery: 2800mAh Lithium-Ion
Mounting: Angle, Clip Or Ring Attach
Runtime: 5 Hours on Full Charge
Weight: 1 lbs (2.2 kg)
Lamp Type: LED
Light Output Color: Blue
LED Life Expectancy: 30,000 Hours
Candelas: 35,000
Lumens: 170
Charging: 110V, 220V Charging Unit
Click here to view the Explosion Proof Light Design Description

Ratings/Approvals
Class I, Division 1 & 2, Group C & D
Class II, Division 1 & 2, Group E, F, G
Class III
UL 913
CSA C22.2
T3 Operating Temp
Waterproof

Special Orders- Requirements
Contact us for special requirements

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Made in the USA

The Larson Electronics EXPRA-06R-LED-BLU Rechargeable Explosion Proof Blue LED Right Angle Clip Light can be used as either an inspection light for applications that require blue light or on forklifts that operate within hazardous areas and is waterproof and Class I, Division 1 & 2, Groups C & D approved. This light includes a standard 110-220V AC charging unit and runtime is approximately 5 hours on a full charge.

The reflector configuration on this explosion proof angle light produces a beam approximately 374 meters in length. This angle light is designed to be attached via ring or spring clip to vests, coats or helmets, allowing operators hands free operation. This explosion proof angle flashlight contains a single LED unit that has a 30,000 hour operational life, produces 170 lumens, and runs for 5 hours on a single charge. A blue lens makes the light output of this explosion proof flashlight blue for inspection applications and for use on explosion proof forklifts.

Power for this light is provided by a lithium-ion battery producing a runtime of 5 hours on a single charge. An included charging unit will recharge the battery in 5 hours and includes an LED indicator to signify a full charge. This explosion proof angle light is waterproof and 30 foot drop survival tested. The housing, switch and tube on this angle light are constructed of high strength nylon, and the lens is impact and scratch resistant poylcarbonate.

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.

Suggested Applications: Inspection work in hazardous areas, forklifts operating in hazardous areas, any other use that requires an explosion proof handheld source of blue light.

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)


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Product ID: 147205

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- SpecSheetSpanish
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map