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EXPRA-08R-LED

Intrinsically Safe Dual LED Right Angle Flashlight - C1D1, ATEX/MSHA - Spot/Flood - Rechargeable

Product ID: 149297

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-08R-LED Right Angle LED Flashlight

Listing: United States - Canada
Lamp Type: CREE LED
Dimensions: 1 7.6"-L 3.2"-W 3"-D
Weight: 13.7 oz
Power: (6) AA Alkaline Batteries (Rechargeable)
High Spotlight Lumens: 200
Mid Spotlight Lumens:100
Low Spotlight Lumens: 60
High Floodlight Lumens: 200
Mid Floodlight Lumens: 100
Low Floodlight Lumens: 20
Dual-Light Lumens: 200
Candela: 22,249 / 14,828 / 7,790
Lamp Life: 50,000+ Hours
High Spotlight Runtime: 6 Hours
Mid Spotlight Runtime: 11.5 Hours
Low Spotlight Runtime: 22.5 Hours
High Floodlight Runtime: 6 Hours
Mid Floodlight Runtime: 11.5 Hours
Low Floodlight Runtime: 30 Hours
Dual-Light Runtime: 6 Hours

Ratings/Approvals

Class I, Division 1 Groups A,B,C,D
Class II, III Groups E,F,G
Class I Zone 1 AEx ia IIC T4 Gb
Class I Zone 20 IIIC
Ex II 1 G Ex ia IIC T4 Ga
Ex ia IIC T4 Gb
Ex II 2 G Ex ia IIC T4 Gb
DEMKO 16 ATEX 1773
IECEx UL 16.0115
MSHA Approved
Floodlight Strobe
Impact/Chemical Resistant

Emergency Mode: 20 Lumens @ 3.5 Days
Waterproof: Yes- Rated to 1 Meter
Waterproof Rating: IP67
Drop Rating: 2 Meters
Switch Functions: Dual Switches - High/Mid/Low Spotlight, High/Mid/Low Floodlight, Dual Mode, Emergency Mode, Floodlight Strobing Mode
Case Material: Glass-filled Nylon Polymer
Mounting: Stainless Steel Clip w/ Hook
Charger: Wall or Vehicle Dock Station
Available Colors: Yellow or Red

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics EXPRA-08R-LED Intrinsically Safe Right Angle LED Flashlight is ideal for a wide variety of uses including Industrial Safety, Public Works & Utilities, Law Enforcement, Hardware/Tool, Automotive, Marine, Sporting Goods and Consumer applications. High intensity CREE LED emitters mounted within a lightweight housing provides up to 30 hours of useable light. The ATEX rated and MSHA approved portable LED fixture can be attached to pockets, small openings and indentions via a stainless steel clip or closed hook loop. This rechargeable unit offers eight modes of operation, including floodlight strobing and an emergency standby mode.

The EXPRA-08R-LED instrinsically safe LED flashlight produces an intense light beam while providing up to 30 hours of illumination. High intensity CREE LEDs mounted within an impact resistant housing is powered by 6 AA batteries to produce a long lived light beam of up to 200 lumens in output. Included with this explosion proof flashlight is a stainless steel clip and a closed hook loop for ease of operation when mounting. This rechargeable right angle LED flashlight is ATEX rated and MSHA approved. Color options include yellow or red.

Featuring a housing constructed of glass-filled nylon polymer that has been drop test verified from 2 meters and an IP67 waterproof rating tested at 1 meter, this flashlight provides users with a highly convenient and safe light source that leaves their hands free for work operations. This flashlight features high output CREE LED emitters for up to eight modes of illumination.

Two rubber dome push button switches allows easy operation between modes even when wearing gloves. Featuring 3 brightness settings, the right push button operates the spotlight`s high/mid/low settings, whereas the left switch handles the floodlight`s high/mid/low settings. The full power spotlight produces 200 lumens and a beam reaching over 875.9 feet in distance with a 6-hour runtime. The mid setting produces 100 lumens with a 11.5-hour runtime, while the low setting provides 60 lumens and a 22.5-hour runtime. The full power floodlight produces 200 lumens with a 6-hour runtime. The mid settting produces 100 lumens with an 11.5-hour runtime, while the low setting offers 20 lumens with a 30-hour runtime. Dual light mode emits 200 lumens of intense, white light with a 6-hour runtime. On emergency mode, the right angle flashlight can emit 20 lumens for up to 3.5 days. A floodlight strobing mode is also available.

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.
Power/Charging: This intrinsically safe, right angle LED flashlight is powered by six, AA rechargeable batteries. To recharge the unit, operactors dock the lamp onto a compact charging station, which can be wall or surface mounted. The charger plugs into common, non-explosion proof outlets or low voltage vehicle sockets using a standard cigarette plug charger.
Mounting: The EXPRA-08R-LED mounts onto pockets and small openings via a stainless clip located behind the explosion proof flashlight. Operators can also attach the portable lamp on indentions, poles and screws using a closed hook loop on top of the light head. The unit is capable of standing upright without additional accessories or mounting tools. For detailed tasks, a sturdy-grip design on both sides of the LED right angle flashlight ensures minimal slippage when held with gloved hands.
Applications: Inspections, hazardous locations, flammable work sites, oil and gas, chemical processing, repair, maintenance, confined spaces, detailed tasks, portable lighting, monitoring 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)








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EXPRA-08R-LED

Product ID: 149297

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

EXPRA-08R-LED-Color-Charger

Example: EXPRA-08R-LED-YLW-120V

Color	
YELLOW	-YLW
RED	-RED

Charger	
120V	-120V
240V	-240V
VEHICLE	-DC

Links (Click on the below items to view):

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