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AEX-20-LED-SA

17W LED Flashlight - 15W, 2000 Lumen Spotlight / 2W, 300 Lumen Floodlight - Battery Rechargeable

Product ID: 240122

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.

AEX-20-LED-SA LED Flashlight

Unit Type: LED Light
Dimensions: -
Weight: 7 lb
Wall Charger Voltage: 120 V, 50/60 Hz or 240 V, 50/60 Hz
Watts: 15 Watts (Main Spotlight), 2 Watts (Secondary Floodlight)
Lumens: Main Spotlight: 2000 Lumens; Secondary Floodlight: 300 Lumens
Beam Type: Main: Spotlight; Secondary: Floodlight
Color Temp: 5,000K - Cool White (Floodlight)
Beam Configuration: Spot and/or Flood
LED Lamp Life Expectancy: 50,000+ Hours
Ambient Operating Temperature: -40°C to +50°C
Materials: Rubber Bump Guards
Battery Capacity: 2,600 mA - Removable
Battery Charge Time: 3.75 Hrs
Runtime: 5 Hrs
Color: Black

Ratings/Approvals

Certified to MIL-STD-810G
CE Certified
IP54 Weatherproof
S-O-S Strobe

Special Orders - Special Requirements

Contact us for special requirements

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The AEX-20-LED-SA from Larson Electronics is a LED Light that is a powerful, portable flashlight that is designed for illumination in wet weather and dusty conditions. The battery-powered unit features a primary 15-watt spotlight (2000 lumens) and a secondary 2-watt floodlight located on the side (300

lumens) for a total light output of 2,300 lumens with a color temperature rating of 5,000 K. This heavy-duty luminary is dimmable and offers 5 hours of continuous use per charge. During emergency situations, the LED light doubles as an SOS strobe light via a built-in strobing feature. The AEX-20-LED-SA is a complete kit that includes the flashlight, hard carrying case, shoulder strap, wall charger, and vehicle charger.

This LED flashlight offers versatile lighting in wet weather, dusty conditions, and rugged environments. This unit comes with two options for illumination. The main light head features a 15-watt spotlight that produces 2000 lumens of light. A secondary 2-watt light located at the side of the luminary emits 300 lumens of cool white light (with a color temperature of 5,000 K) 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 AEX-20-LED-SA comes with several safety features for use in rugged, unpredictable dusty location and during wet weather. 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.

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



Click Photo to Enlarge

Power and Battery: This light is powered by a 2,600 mA 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 50,000+ hours. This unit`s wall charger is offered in the following voltage options: 120 V AC or 240 V AC. A 12 V - 24 V vehicle charger is also included.
Applications: Non-destructive testing (NDT), aerospace, military, inspections, wet weather, dusty locations, 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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AEX-20-LED-SA

Product ID: 240122

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

Options:

AEX-20-LED-SA-Voltage

Example: AEX-20-LED-SA-120V

Voltage	
120V	-120V
240V	-240V

Links (Click on the below items to view):

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