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WAL-LED-HL-MX4

LED Headlamp - 4 Modes of Operation - 185 Max Lumens - IPX7 Waterproof - Runs on (3) AAA Batteries

Product ID: 147328

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



Image: WAL-LED-HL-MX4

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.

WAL-LED-HL-MX4 LED Headlamp

Lamp Type: 4-Mode LED Headlamp
Dimensions: 3"L x 2"H x 1.5"D
Weight: 3.5 oz. (With Batteries)
Batteries: (3) AAA Batteries
Modes of Operation: High Spot, Low Spot, High Flood, and Low Flood
Lumens: 185-High Spot, 65-Low Spot, 20-High Flood, 10-Low Flood
LED Light Color: White
LED Life Expectancy: 50,000 hours
Runtimes (Hours): 6.75-High Spot, 20-Low Spot, <80-High Flood <150-Low Flood
Beam Distances (Feet): 207-High Spot, 115-Low Spot, 20-High Flood, 12-Low Flood
Peak Beam Intensity (Candela): 1000-High Spot, 320-Low Spot, 10-High Flood, 6-Low Flood
Waterproof Rating: IPX7 (30 Minutes @ 1 Meter Depth)
Impact Resistance: 1 Meter Drop Onto Concrete
Housing Material: Polymer
Housing & Strap Color: High-Vis Green
Lens Material: Polycarbonate
Optic: PMMA

Ratings/Approvals

IPX7 Waterproof to 1 Meter
Impact Resistant to 1 Meter
Shatterproof Lens
High-Visibility Adjustable Strap Included
Extremely Durable and Versatile

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Mounting: High Visibility Adjustable Helmet/Head Strap **E-mail:** sales@larsonelectronics.com

The WAL-LED-HL-MX4 from Larson Electronics is an LED Work Area Headlamp that produces a maximum of 185 lumens on the highest setting and features 4 different operation modes to provide operators with an ideal setting for the current operation at hand. The lightweight polymer housing combined with the low profile and high-visiblity adjustable strap allow this headlamp to be used on helmets, hard hats, heads and even those with visors or shields.

The WAL-LED-HL-MX4 is an incredibly versatile and powerful LED headlamp that is packed with features. The large push button switch allows users to power the headlamp on and off as well as toggling between the four available modes of operation. The four modes of operation are as follows: high spot (185 lumens, 6.75 hr. runtime), low spot (65 lumens, 20 hr. runtime), high flood (20 lumens, < 80 hr. runtime), and low flood (10 lumens, < 150 hr. runtime). This LED headlamp is capable of producing a beam 207` long on the highest setting and runs on (3) AAA batteries.

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.

The WAL-LED-HL-MX4 LED headlamp features a high-visibility bright green adjustable strap that allows operators to use the headlamp with a variety of head gear or just on their bare head. The bright coloration of this unit allows for easy visibility both while the headlamp is being worn and when it is being stored and makes it very hard to lose. The adjustable strap can be used with a bare head, hard hats, and helmets including those that feature visors or shields.

This LED work area headlamp provides convenient hands-free illumination of various work areas including wet areas. The WAL-LED-HL-MX4 is rated IPX7 waterproof which means that it can survive full submersion for 30 minutes at a depth of 1 meter and completely retain its original function. In addition to the waterproof rating, this LED headlamp can also survive drops from up to 1 meter onto a concrete surface without suffering any damage including cracks or breaks.

High Quality Features **Superior LED Benefits**

1. Low power consumption.
2. Instant on/off operation.
3. Fixture constructed of durable polymer.
4. Superior color rendering compared to HPS, LPS, MH.
5. Retains 70% lumen output after 50,000 operating hours.
6. High-visibility adjustable strap included.
7. Four modes of operation.
8. Low profile - Light weight
9. 185 Lumen output on the highest setting.

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.
13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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)

There are no Faqs



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/147328.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/147328.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/147328.JPG)
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