

12 watts Handheld LED Light with Magnetic Base - 4 LEDs - 90'L X 70'W Beam - 12-24 Volts DC

Part #: MUL-15-4V

**Buy American Compliant**

The Magnalight MUL-15-4V Handheld LED Light Bar offers high light output and good durability combined with a versatile finger grip handle and magnetic base. This IP67 rated LED light bar is waterproof to 1 meter and produces 720 lumens while drawing only 12 watts of power @1 amp from a 12 volt electrical system. This light can run on any voltage from 9 to 42 volts and provides a rugged and compact lighting solution that is ideal for use in marine environments as well as commercial applications such as machine vision system lighting, heavy equipment illumination, vehicle lighting and law enforcement.

The MUL-15-4V LED light bar from Magnalight produces a 90' long by 70' wide light beam with 720 lumens of bright light. Four Edison Edixeon® Emitters containing CREE EZBright® three watt LEDs producing 180 lumens each are arranged in rows and paired with high purity 10 degree optics to produce a well focused spot beam with limited spread or light spillage. We also offer optional floodlight versions with 35 degree optics to produce a wider beam spread and more light over a larger area nearer the fixture, making flood versions ideal for use as work and area lights. These LED light bars are IP67 rated and waterproof to 1 meter, sealed against intrusion by dust and dirt and ruggedly constructed to withstand the demanding conditions of marine environments. The entire Magnalight LEDLB series are constructed of extruded aluminum and feature aluminum housings, stainless steel hardware, rubber isolated mounts and unbreakable polycarbonate lenses to provide increased durability against corrosion, impacts, waves, hard rains, sand and high winds.

This particular unit comes standard with a 100lbs grip magnetic base attached to a handle which is then attached to the LED10W fixture for quick and easy installation. A 12ft. Deutch connector coil cord ending in a cigarette plug adapter is also included which makes it ideal for mobile applications.



This image shows a dark street, illuminated by nothing but distant street lamps and suburban lighting.

[Click Photo to Enlarge](#)



The same street illuminated with the MUL-15-4V, easily reaching distances of 90' in length and 70' in width.

[Click Photo to Enlarge](#)

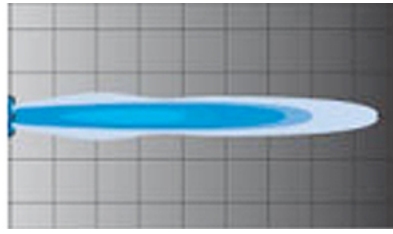
Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED light bars utilize an extruded aluminum housing that incorporates an advanced heat radiating fin design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated Edison Edixeon® Emitters. The end result is more light and longer LED life with higher average lumen maintenance after 50,000 hours.

Voltage Control: These units are able to adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These LEDLB series light bars can operate on current ranging from 9 to 42VDC without any modifications necessary as a result. This multi-voltage capability makes these units ideal for mobile and stand alone applications such as those found on commercial boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

**MUL-15-4V 35° Flood Beam
(Opt)**



**MUL-15-4V 10° Spot Beam
(Std)**



Durability: The LEDLB series of LED light bars from Magnalight offer IP67 rated construction that is lighter and smaller than our E series of extreme duty light bars yet designed to withstand tough environmental and operating conditions. These units can operate in temperatures ranging from -40 degrees Celsius to 85 degrees Celsius, are waterproof to one meter and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum, the hardware is stainless steel and the lenses are unbreakable polycarbonate. The Edixeon® LEDs offer inherent LED resistance to shocks and vibrations, contributing to these units 15.6Grms rating of vibration tolerance. These LEDLB series light bars are lighter and have lower profiles than our heavier LEDLB-E series and are ideal for use in marine environments as well as industrial and commercial settings.

Mounting: Suspended on top of an adjustable tension hinge, this LED light can be adjusted and tightened into any position to suit your application. This particular unit comes standard with a handle that contains a single 100 lbs grip magnet, allowing users to quickly and easily install and position this light, then remove it and install it in another location or on another vessel or vehicle as needed. A 12ft coil cord with cigarette plug connector is included to maximize the portability of this unit.

Note: Most Magnalight LEDLB, LEDP3W, LEDP10W, and LED10W series LED spotlights and floodlights are terminated with a Deutsch IPD / LADD DT04-2P connector. The mating connector plug is DT06-2S. Most LEDLB and LED10W series lights ship with mating connector as part of a harness or pigtail, depending on the model. Some larger LED lights like the LEDLB-160X2 or LEDLB-200X2 or multiple function LED lights (i.e. high/low beam, modulating, IR/Visible combos) will have different Deutsch connectors.

Specifications / Additional Information**MUL-15-4V LED Light Bar****LEDs:** 4 Edixeon® 3 Watt LED Emitters**Dimensions:** 4"-L 3"-H 3"-D**Watts:** 12**Voltage:** 9-42 VDC**Weight:** 1.8 Lbs**Lighting Configuration:** 10° Spot or 35° Flood**Mounting:** Magnetic Mount**Wiring:** 12ft Coil Cord with Cigarette Plug**Amps:** 1 (on 12 volts) .5 (on 24 volts)**Lumens:** 720**LED Light Color:** 6000K**LED Life Expectancy:** 50,000 hours**Optics Efficiency:** 90%**Materials:** Aluminum Housing, Polycarbonate Lens**Housing Colors:** Black or White**Lux-Flood :** @Lens: 185,800 @ 1 Meter 2,672**Lux-Spot :** @Lens: 190,400 @ 1 Meter 8,440**CE Certified**

3 year warranty replacement on this LED light. After 30 days, the customer ships the failed LED light and/or LED bulb to Larson Electronics' Magnalight at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs within 30 days of receipt, Larson Electronics Magnalight will provide a return label via email to the customer. When the failed light is returned, Magnalight will ship a new replacement.

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[Part #: MUL-15-4V \(2014\)](#)

LEDLB-4W LED Features

Edixeon® 3 Watt LED Emitters

LEDs Driven At 80%

-40 C~ +80C Operating Temp Range

RoHS Compliant

70% Lumen Retention @65,000 hours

LED Chip Op Temp -40C to +125C

IP67 Rated Waterproof to 1 meter

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@magnalight.com