

Portable Magnetic Mount LED Light Emitter - 6, 10-Watt LEDs - 675'L X 90'W Spot Beam - 9-48VDC

Part #: LED10W-6R-HT

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The Magnalight LED10W-6R-HT LED Light offers high light output in a light weight, durable, compact unit combined with a versatile carrying handle and magnetic mounting system that provides convenience and secure attachment to vehicles, equipment and any flat metallic surface. This IP68 rated LED light is waterproof to three meters and produces 5400 lumens while drawing only 60 watts of power @6 amps from a 12 volt electrical system. This light can run on any voltage from 9 to 48 volts and provides a rugged lighting solution that is ideal for use in commercial, industrial and professional applications.

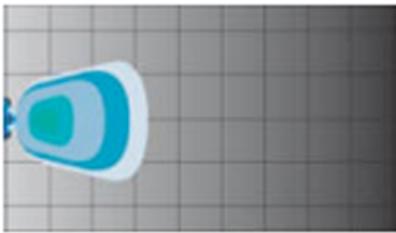
Government Part Number 12543892 (US Army) - MILSPEC 461 (EMI)

The LED10W-6R-HT LED light from Magnalight produces a 675' long by 90' wide light beam with 5,400 lumens of bright light while drawing only 60 watts @6 amps from a 12 volt electrical system. Six Seoul Z-Power 10 watt LEDs producing 900 lumens each are paired with high purity, 10 degree optics to produce a tightly 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 approximately 270 foot long by 240 foot wide. Originally designed to military specifications, these LED lights are IP68 rated and waterproof to three meters, sealed against intrusion by dust and dirt and ruggedly constructed to withstand demanding environments and operating conditions. These units incorporate a yolk type trunnion mount fitted with a single mounting stud and a 200lbs grip magnetic base that allows full adjustability and simple mounting.

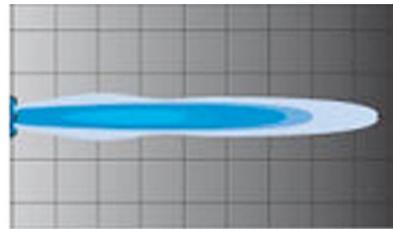
Heat Management: Heat is the single largest factor in premature LED failure and color shifting. As a result, many manufacturers reduce the output of their LEDs to reduce the amount of heat produced. These LED boat lights utilize an extruded aluminum housing that incorporates an advanced heat radiating fin design which dissipates heat efficiently to produce the maximum amount of power and longevity from the integrated Seoul Z-Power LEDs. 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 monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels ranging from 9 to 50 VDC. These LED10W series light bars can operate on current ranging from 9 to 50 VDC 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 boats, heavy equipment and vehicles where power systems don't always operate with 12 volts and external generators, transformers or inverters are impractical.

**LED10W-6R-HT 35° Flood Beam
(Opt)**



**LED10W-6R-HT 10° Spot Beam
(Std)**



Durability: The LED10W-6R-HT LED light from Magnalight offers IP68 rated construction that is 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 three meters and resist ingress of dust, dirt and humidity. The housings are formed from die cast aluminum, the hardware is stainless steel and the lenses are unbreakable polycarbonate. The Seoul Z-Power LEDs offer inherent LED resistance to shocks and vibrations, contributing to these units 15.6Grms rating of vibration tolerance. These LED10W series light bars are ideal for use in professional applications such as law enforcement and the military as well as industrial and commercial settings.

Mounting: These LED10W LED lights feature a smaller profile and lighter weight than our LEDLB-E series lights, making them ideal for use in locations where traditional lights cannot fit or would block other mounted equipment. The LED10W-6R-HT is suspended within a form fitting trunnion (yolk-type) mount. This trunnion mount has two knurled knobs that can be loosened, allowing the LED light to be adjusted and the retightened to lock the light into any desired position once mounted. A single stainless steel stud protrudes from the bottom of the mount, enabling the operator to install the light using a simple through-hole mount, allowing the unit to be installed anywhere a 3/8-inch hole can be drilled. This particular unit also includes a carrying handle and 200lbs grip magnetic base allowing this unit to be quickly and easily placed wherever it is needed without the need for permanent mounting hardware.

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**LED10W-6R-HT LED Light Bar****LEDs:** 6 Seoul Z-Power 10 Watt LED Emitters**Dimensions:** 6"-Diam 1.5"-Depth**Watts:** 60**Voltage:** 9-48 VDC**Weight:** 4 Lbs**Lighting Configuration:** 10° Spot or 35° Flood**Mounting:** Adjustable Trunnion**Wiring:** Deutsch IPD / LADD DT04-2P connector**Amps:** 6 (on 12 volts) 3 (on 24 volts)**Lumens:** 5400**LED Light Color:** 6300K**LED Life Expectancy:** 50,000 hours**Optics Efficiency:** 90%**Materials:** Aluminum Housing, Polycarbonate Lens**Housing Colors:** Black or White**CE Certified**[EN55015 EMI](#)[EN61547 EMS](#)[EN62471 Photobiological Safety](#)

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.

Scroll Down to Purchase-**Part #: [LED10W-6R-HT \(47383\)](#)****LED10W-6R-HT LED Features**

Seoul Z-Power LED Emitters

LEDs Driven At 80%

-40 C~ +80C Operating Temp Range

70% Lumen Retention @65,000 hours

IP68 Rated Waterproof to 3 meters

200lbs grip magnetic mounting base/carrying handle

MILSPEC 461 (EMI)**Special Orders- Requirements**

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3364**E-mail:** sales@magnalight.com



