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BL6X10-LED

LED Blasting Light - 6, 10-Watt LEDs - 120VAC - IP68 Rated - Magnetic Mount

Product ID: 49470

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.

BL6X10-LED

LEDs: 6 Seoul Z-Power 10 Watt LED Emitters
Dimensions: 6"-Diam 1.5"-Depth
Watts: 60
Voltage: 120-270 VAC With Transformer, 9-48 VDC Without
Weight: 4 Lbs
Lighting Configuration: 10° Spot or 35° Flood
Mounting: Adjustable Trunnion Magnetic Base
Wiring: 50` SOOW Cord
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

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 at their expense. If the failure is a manufacturer defect, we will ship a new replacement to the customer. If failure occurs

LED10W-6R-M 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 base

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

within 30 days of receipt, Larson Electronics will provide a return label via email to the customer. When the failed light is returned, Larson Electronics will ship a new replacement.

Buy American Compliant

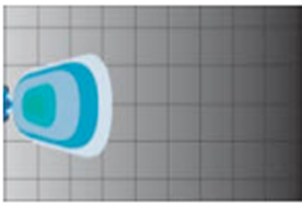
The Larson Electronics BL6X10-LED blasting light is ideal for use in sand and media blasting applications where a powerful light capable withstanding the harsh conditions of the blasting are is needed. Producing 5,400 lumens of light output, this light has a 50,000 hour rated service life and the capability of operating with common 120-277 volt AC using the included inline transformer or 9-46 VDC without it.

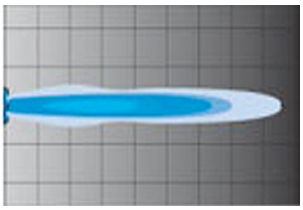
The BL6X10-LED blasting light from Larson Electronics produces 5,400 lumens of bright light while drawing only 60 watts @6 amps from a 12 volt electrical system. Six Seoul Z-Power 10 watt LEDs producing 900 lumens each are paired with high purity 35 degree optics to produce a flood beam 270 foot long by 240 feet wide. We also offer a 10 degree spread spot beam configuration to produce a much tighter beam for special applications. These LED light blasting lights are waterproof to 3 meters, sealed against intrusion by dust and dirt, and very ruggedly constructed to withstand the most demanding environments, conditions and applications. These units incorporate a yolk type trunnion mount fitted with a single mounting stud and a 200lbs grip magnetic base that alllows full adjustability and simple mounting.
This LED blasting light normally runs on any voltage ranging from 9 Volts to 46 Volts DC, but with the inlcuded DCP-11-DP inline transformer and 50 feet of SOOW cord, can also run from common 120V/277V AC. Operators can run these lights directly from a battery, generator vehicle, or by using the included DCP-11-DP transformer, plug this unit into any available wall outlet, 220V, or 277VAC power source.
Optional LED colors include Amber and Green for more effective light penetration in the dusty environment of a media blasting room. A small profile, versatile power options, high durability and versatile mounting magnetic system makes these LED light emitters a superior lighting solution for a wide array of applications including but not limited to: sand/media blasting, military, industrial manufacturing, machine visioning, security and law enforcement, boating, vehicles and commercial structure illumination.

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 LEDLB 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.

BL6X10-LED 35° Flood Beam **BL6X10-LED 10° Spot Beam**

(Opt) **(Stnd)**





Durability: The BL6X10-LED LED blasting light from Larson Electronics 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: This LED blasting light has a single 200 lbs grip magnetic base that can hold the unit in place even under high vibratory conditions. An integrated trunnion bracket allows operators to adjust the light through a full range of vertical movement, providing the ability to aim the light regardless of where it is mounted for best light coverage.

Note: Most Larson Electronics 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.
Protective Mylar covers are available to protect the lens faceplate and catch overspray in coating applications. The adhesive backed Mylar lens covers can be peeled off and replaced easily. Order protective covers below in the related products category.

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Frequently Asked Questions (FAQ)

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BL6X10-LED

Product ID: 49470

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

Options:

BL6X10-LED-Finish-Beam Pattern-Beam Color

Example: BL6X10-LED-Black-S-AMB

Finish	
BLACK	-Black
WHITE	-White

Beam Pattern	
SPOT	-S
FLOOD	-F

Beam Color	
AMBER	-AMB
GREEN	-GRN
WHITE	-WHT

Links (Click on the below items to view):

- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**