

BL-150W-PM

High Intensity LED Pedestal Mount Blasting Light - 150 Watts 14,790 Lumens - Metal Halide Equivalent

Product ID: 50327

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.

BL-150W-PM

Lamp Type: LED

Lumens: 14,790 Total

Total Watts: 150

Dimension: 28"-H, 16"-D 18"-W.

Voltage: 120-277/60Hz

Lighting Configuration: Flood Pattern

Mounting: Aluminum Pedestal Stand

Weight: 35lbs

U.L. Listing: Wet Area / Marine Environment Approved

Total Coverage: 18,000 Sq. Feet

Wiring: 50 Feet Cord.

Features

Aluminum Pedestal Mount

110-277 VAC Transformer

IP68 Rated LED Assembly

50' Cord and Straight Blade Plug

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The high output BL-150W-PM pedestal mount LED blasting light from Larson Electronics produces 14,790 lumens of light capable of illuminating an area 18,000 square feet in size. Weather proof and suitable for wet areas, this LED equipped fixture is mounted within an aluminum frame that provides simple setup and easy carry transport. This pedestal mounted LED blasting light is ideal for workers who desire a light they can simply set down and plug in without any special mounting or placement needed.

The BL-150W-PM portable LED blasting light from Larson Electronics produces 14,790 lumens of high intensity light and includes an AC to DC transformer for easy connection to standard 110-277 VAC power sources. Thirty CREE XLamp XPG® five watt LEDs producing 493 lumens each are arranged in rows and paired with high purity optics to produce a well focused 25 degree spot beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional floodlight versions with a 60 degree beam spread to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights.

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These blasting lights feature IP68 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40 degrees Celsius to 80 degrees Celsius, are waterproof to three meters, and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are unbreakable polycarbonate. The CREE XLamp XPG® LEDs help these units achieve 15.6Grms rated resistance to vibrations and are rated at 70% lumen maintenance after 50,000 hours of use.

Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units contain advanced drivers which use pulse width modulation to control heat buildup rather than simple voltage regulators which are typically harsh on sensitive electronics and can contribute to early LED failure. These units automatically sense the temperature of each LED and adjust the energy frequency or "duty cycle" accordingly to maintain heat levels within acceptable ranges. This system in essence flashes current at an extremely fast on and off rate to each LED based upon the LED's core temperature. This flash rate is too fast to detect with the human eye, but provides precise control of the current flowing to each LED and thus the heat it generates. This allows the LEDs to be driven at up to 90% capacity without overheating or visible loss of light output. The LEDs are always driven at the same voltage but the duty cycle, however, is changed to alter how long the LEDs are actually on or off. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 50,000 hours.

Voltage: Included with this LED blasting light is an integral power transformer that allows operators to power this unit from common 110-277 VAC current. 50 feet of cord and a straight blade plug provides simple connection to standard wall outlets and ample length for easy placement in the workspace.

Durability:

The mounting pedestal on this unit is constructed of aluminum and designed to allow users to simply place the unit on any flat surface for stable deployment. This

unit is lightweight and the aluminum frame allows operators to simply carry the unit from one location to another as needed. The light is adjustable and can be moved vertically by loosening two thumb bolts located on either side of the aluminum frame and moving the lamp as desired.

These pedestal mounted LED 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. BL-150W-PM LED lights are ideal replacements for fragile and hot running portable 400 watt metal halide lamps as they run cooler, are more durable, and use less power. These LED pedestal lights are a superior lighting solution for applications where power and reliability is critical.

The heavy duty design and high power of these pedestal mounted blasting lights also makes them suitable for a wide array of applications including but not limited to: military, industrial manufacturing, construction, job sites, ship yards, and plant turnarounds.

Frequently Asked Questions (FAQ)









BL-150W-PM

Product ID: 50327

Harmonized System (HS) Code: 9405.10.8020

Export Control Classification Number (ECCN): EAR99

Options:

BL-150W-PM-Beam Pattern

Example: BL-150W-PM-S

Beam Pattern	
SPOT	-S
FLOOD	-F

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
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- [ISO 9001 Certification](#)
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