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BLG-LEDP1X10WR-HGL

Work Area LED Blasting Light w/ Handle - High Output LED Blasting Gun Light - 10 Watt LED - 120-277V

Product ID: 105165

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.

BLG-LEDP1X10WR-HGL

Lamp Type: LED
Dimensions: 3"-L 3.8"-W - 4"-H
Watts: 10
LED Life Expectancy: 50,000 hours
Lumens: 860
Voltage: 120-277V AC stepped down to 24V DC
Lighting Configuration: Spot/Flood
Mounting: Clamp on Blasting Gun Mount
Lens: 3 Quick Change Lenses - Glass or Polycarbonate
***Blasting Gun Not Included**

Approvals

IP68 Ingress Protection
Encapsulated Stepdown Transformer
Polycarbonate Handle
Quick-Change Lens

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

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The Larson Electronics BLG-LEDP1X10WR-HGL Work Area LED Blasting Gun Light with Handle and Quick-change lens features a 10 watt LED that produces 860 lumens of intense LED illumination and is designed for extreme durability in media blasting applications. This powerful LED light is designed to be mounted to any standard blasting gun (Blasting Gun NOT included with this LED light).

This LED blasting gun light features a specially designed mounting system which allows the unit to be attached to the end of any standard blasting gun and

features a polycarbonate handle to help stabilize the blast gun during operation. This mount includes all necessary mounting hardware and a protective lens cover that can be removed and replaced even when wearing gloves. This protective lens is a simple drop in, drop out configuration behind a twist-on lens frame, allowing operators to twist the lens off and drop in a new one as the lens is worn out by exposure to blasting materials such as coal slag, sand and baking soda. This lens is held in place by the delrin twist-on lens holder. We also offer a slot in the bottom of the lens holder that allows particles to clear when performing lens changes. Each unit comes with three lenses. Additional lenses can be purchased when needed.
This light operates on 24V DC, and is equipped with 100` of cable terminated in a 120-277V AC encapsulated transformer. A specially designed mounting system and quick change protective shield allows operators to use this unit as a blasting gun mounted light source that will stand up to abusive use. The protective lens is offered in polycarbonate or hardened glass materials. The polycarbonate lenses are for metal blast materials, while the glass lenses are for smaller abrasives.



This photo shows an open parking lot lit only by ambient light at approximately 9:00 pm`.

Click Photo to Enlarge



This photo shows the BLG-LEDP1X10WR-HGL in spot configuration. The building in the distance is 300` away, well illuminated by the LED spotlight.

Click Photo to Enlarge



Click Photo to Enlarge

This LED blast gun light is designed to be operated and serviced in the field with gloves on. The quick-change lens design allows operators to quickly and easily swap out lenses without the operator having to remove their gloves. There are no special latches or hinges. Operators simply unscrew the lens holder, tilt the light to allow the lens to drop out, tilt the light back to drop a new lens in, and screw the lens holder back in. The lens holder is machined with large tabs on both sides to allow for operators to grab hold of the unit while wearing protective gloves.
Since this LED light is mounted onto the handle of the blast gun, the operator`s grip is reduced. To alleviate this, Larson Electronics has added an external handle to provide operators with additional control over the blast gun. This polycarbonate handle is machined with deep grooves to provide grip while wearing protective gloves during operation. Additional and replacement handles can be purchased separately and can be mounted remote from the blast light.
Wiring: This blasting light is equipped with 100 feet of 16/3 SOOW cable leading to an encapsulated step down transformer. There is two feet of 600V SOOW cable coming out of the inline transformer terminated in an industrial grade cord cap. This inline power supply for this LED blasting light is an auto sensing universal voltage transformer that operates on any voltage within the 100-277 volts AC 50/60Hz range. This unit allows operators to power the LED blasting light from any 120-277V AC power source, and steps down AC voltage to 24V DC. Plug options include standard 5-15 straight blade plug for 110V wall outlets with ground, NEMA L5-15 twist lock plug for 125V twist lock outlets, NEMA L6-15 twist

lock plug for 240V twist lock outlets, BS1363 3-blade plug for United Kingdom outlets, and a two pin Schuko plug for European outlets.
The high intensity LED in this light produces 860 lumens, produces a beam over 600ft in length, and has a lifetime of 50,000 hours. This unit is IP68 watertight and able to withstand the rigors of aggressive and heavy duty use applications. Compared to typical gun mounted blasting lights, this compact LED unit is light weight and produces much brighter and intense illumination than comparable incandescent lights.

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Frequently Asked Questions (FAQ)





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BLG-LEDP1X10WR-HGL
Product ID: 105165

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

Options:
BLG-LEDP1X10WR-HGL-Beam Config-Lens-Cord Cap
Example: BLG-LEDP1X10WR-HGL-SP-GLASS-5.15

Beam Config	
SPOT	-SP
FLOOD	-FL

Lens	
GLASS	-GLASS
POLYCARBONATE	-PC

Cord Cap	
5-15 STRAIGHT	-5.15
L5-15 TWIST	-L5-15
L6-15 TWIST	-L6-15
UK BS1363	-BS13
INTL SCHUKO	-Schuko

Links (Click on the below items to view):

- CE Certificate
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- SpecSheetRussian
- SpecSheetSpanish
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map