

18W LED Replacement Engine for BLG-LEDBLT-HGL LED Blasting Gun Light - 1530 Lumens

Part #: [BLG-LEDBLT-SP131](#)



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The BLG-LEDBLT-SP131 from Larson Electronics is a replacement LED engine for the BLG-LEDBLT-HGL LED blasting gun light that produces 1,530 lumens of high-intensity LED light while drawing 18 watts and operating on 120-277V AC 50/60 Hz voltages. This replacement LED engine has a low amp draw and is available in either a spot or flood beam configuration.

The BLG-LEDBLT-SP131 replacement LED engine has a life expectancy of 50,000+ hours, a light color temperature of 5000K and is equipped with an 18" whip cable that is terminated in a Deutsch connector.



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-LEDBLT-SP131 in spot configuration. The building in the distance is 300` away, well illuminated by the LED spotlight.

[Click Photo to Enlarge](#)



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LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Voltage: The drivers in this unit provide the ability to automatically monitor and adjust input current to maintain the correct LED voltage levels regardless of input levels across a specific range. These blast lights can operate on current ranging from 90 to 305V AC without any modifications necessary as a result. This ability to sense and adjust input current also provides protection against voltage spikes and drops that can occur in electrical systems which would otherwise result in burning up or premature LED failure without it. This includes commonly found 110V/115V/120V, 220V/230V/240V, and 277V in 50Hz or 60Hz configurations. The BLG-LEDBLT-SP131 is also available in a 12-24V DC low voltage configuration.

Wiring and Plug: This replacement LED engine comes equipped with an 18" whip cable that is terminated in a Deutsch connector.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information**BLG-LEDBLT-SP131 Replacement LED Engine****Lamp Type:** LED**Dimensions:** 4.75"L x 3"W**Weight:** 1 lbs**Voltage:** 120-277V AC 50/60 Hz or 12-24V DC**Total Watts:** 18**Total Lumens:** 1530**Luminous Efficacy:** 85 Lm/W**Lamp Life Expectancy:** 50,000 Hours**Light Color:** 5,000K**CRI:** 85**Beam Type:** 25° Spot or 60° Flood**Amps:** 0.15A @ 120V, 0.075A @ 240V, 0.065A @ 277V, 1.5A @ 12V,
0.75A @ 24V**Housing Materials:** Cast Aluminum**Quick Swap Lens Materials:** Glass (Metal) or Polycarbonate (Garnet)**Temp Range:** -40°C to +85°C**Typical Case Temperature:** ~20°C above ambient temperature**Wiring:** 18" Whip**Cord Cap:** Deutsch connector**Warranty:** 3 Years****Blasting Gun Not Included****Ratings/Approvals**

IP65 Ingress Protection

120-277V AC or 12-24V DC Voltage

LED Replacement Engine

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com**Scroll Down to Purchase-**

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[Part #: BLG-LEDBLT-SP131 \(146818\)](#)

Options:

BLG-LEDBLT-SP131- BEAM CONFIG - VOLTAGE

Example: BLG-LEDBLT-SP131-SP-1227

BEAM CONFIG		VOLTAGE	
Spot	-SP	120-277V AC	-1227
Flood	-FL	12-24V DC	-1224









Links (Click on the below items to view):

- [Manual](#)
- [Hi-Res Image 1 - 18W LED Replacement Engine for Blast Gun Light \(Main\)](#)
- [Hi-Res Image 1 - 18W LED Replacement Engine for Blast Gun Light \(Back\)](#)
- [Hi-Res Image 1 - 18W LED Replacement Engine for Blast Gun Light \(side\)](#)
- [Hi-Res Image 1 - 18W LED Replacement Engine for Blast Gun Light \(Front\)](#)
- [Hi-Res Image 1 - 18W LED Replacement Engine for Blast Gun Light \(Back\)](#)