

Vapor Proof (Waterproof) LED Inspection Light / Hand Lamp / Drop Light - Colored LED Bulb - 50' Cord

Part #: [VPLHL-LEDC-50](#)



Made in the USA

The VPLHL-LEDC-50 from Larson Electronics is a LED Inspection Hand Lamp with Colored LED Light that is both waterproof and vapor proof and constructed and certified to prevent the intrusion of water and/or moisture into the handle and/or head when used as instructed in wet locations. This handheld inspection drop light is offered in red, blue, green, amber, and white light outputs and is ideal for inspection in manufacturing and automotive applications. This waterproof and vapor proof LED light is available in 120-277V AC, 11V AC/DC, 25V AC/DC light configuration.

This 10 watt, LED work light from Larson Electronics produces 1050 lumens of colored lighting and comes complete with a 50 foot long 16/3 SOOW Cable for long range and convenient operation. This waterproof and vapor proof drop light features a rubberized, insulated handle to provide a safe and secure grip and a stainless steel wire guard enclosure to protect the glass dome. These LED inspection lights improve on the desirable qualities of similar incandescent models with higher foot candle light output, cooler operation and better light quality, and are ideal for use in wet areas and close work. The cool operation, good light color and evenness of coverage makes these lights ideal for a wide variety of close quarter work and inspection activities. This LED lamp has a 50,000 hour operational life and is available in 120-277V AC, 11V or 25V configurations for high or low voltage operation.

The 10 watt LED lamp used in this unit produces nearly 3 times the illumination of incandescent lamps as measured in foot candles, at less than 1/10th of the electricity usage and without the associated heat. Unlike traditional lighting that require colored lenses or special coatings, the LED bulb in this drop light produces uses high output colored LEDs, providing a brighter and more durable inspection light. This LED drop light runs at operating temperatures of 55°F, greatly reducing the chances of accidents or burns commonly associated with incandescent drop lights. This lamp has no ballast, which reduces lamp weight, a steel globe guard, and a stainless steel hook for easy overhead mounting. The solid state LED bulb has no filament, making it resistant to damage from impacts and dropping.

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 drop lights can operate on current ranging from 100 to 277V AC without any modifications necessary as a result. We also offer a low voltage 11V or 25V AC/DC version for low voltage applications. 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.

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5-15 Straight Blade Plug
15 Amp / 125V Rated



L5-15 Twist Lock Plug
15 Amp / 125V Rated



L6-15 Twist Lock Plug
15 Amp / 250V Rated



UK BS1363 Straight Blade Plug
13 Amp / 250V Rated / Internal Fuse



Intl Schuko 2-Pin Plug
16 Amp / 250V Rated / Grounded



Flying Leads / Pigtail Wires

Wiring and Plug: This vapor proof LED drop light is equipped with 50 feet of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an industrial grade cord cap for easy connection to common wall outlets. Plug options include standard 5-15 15 amp straight blade plug for 110V wall outlets with ground, standard 6-15 15 amp straight blade plug for 240V wall outlets with ground, NEMA L5-15 15 amp twist lock plug for 125V twist lock outlets, NEMA L6-15 15 amp twist lock plug for 240V twist lock outlets, British BS1363 13 amp fused 3-blade plug for United Kingdom outlets, or a two pin 16 amp rated Schuko plug with ground contact and socket for European outlets up to 250V. Alternatively, we can provide flying leads with no plug for hard wire applications or for operators who prefer to wire in user provided cord caps. Please choose pigtail option below for flying leads with no plug.

OSHA requires the light to be plugged into a GFI protected outlet. This lamp illuminates an area approximately 8 feet wide in all directions, is certified waterproof and vapor proof, and suitable for use in wet areas.

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.

Lamp Features

- 10 watt LED Lamp 50,000 hour service life
- Rubberized Handle
- No Ballast
- 50' SOOW Cord
- Stainless Steel Swivel Hook
- Waterproof/Vapor Proof

Specifications / Additional Information**VPLHL-LEDC-50 Vapor Proof LED Inspection Light****UL Listing:** United States**Lamp Type:** LED**Dimensions:** 13"L x 4.5"Dia Head x 2"Dia Handle**Weight:** 5 lbs**Voltage:** 120-277 Volts 50/60 Hz, 11V AC/DC, or 25 Volts AC/DC**Total Watts:** 10 Watts**Lumens:** 1,050 (White)**Luminous Efficiency:** 105 Lm**Lamp Life:** 50,000 Hours**Lamp Color:** Red, Blue, Green, Amber or White**CRI:** >75 White**Power Efficiency:** >95%**Power Factor:** 0.992**Amperage:** 0.08 amps @ 120V, 0.04 amps @ 240V, 0.04 amps @ 277V**Ambient Operating Temp Range:** -50°C to +85°C**Material:** Rubber / Stainless Steel**Mounting:** Aluminum Hook**Wiring:** 50` 16/3 AWG SOOW Cable**Cord Cap:** 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail**Warranty:** Yes - 3 Years

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 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. Please click here to see our 3 Year Warranty pamphlet.

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[Part #: VPLHL-LEDC-50 \(148543\)](#)

U.L. Ratings

Rugged Rubber Handle for Secure Grip

No Ballast

50` SOOW Cord

Aluminum Swivel Hook

Wire Guard for LED Bulb Protection

50,000+ Hours of Operational Life

Multiple Cord Cap Options

Waterproof / Vapor Proof

Multiple Lamp Color Options

Special Orders- Requirements

Contact us for special requirements

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

Options:

VPLHL-LEDC-50- VOLTAGE - CORD CAP - LAMP COLOR

Example: VPLHL-LEDC-50-1227-5.15-RED

VOLTAGE		CORD CAP		LAMP COLOR	
120-277V AC	-1227	5-15 Straight	-5.15	Red	-RED
11V AC	-12VAC	6-15 Straight	-6.15	Blue	-BLU
25V AC	-24VAC	L5-15 Twist	-L5.15	Green	-GRN
11V DC	-12VDC	L6-15 Twist	-L6.15	Amber	-AMB
25V DC	-25VDC	UK BS1363	-BS1363	White	-WHT
		Intl Schuko	-Schuko		
		Pigtail	-Pigtail		





