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VPLHL-7WLED-PC-50

10 Watt Food Safe LED Drop Light w/ Lexan Globe - 50' Cord - Stainless Steel Guard

Product ID: 105495



Image: VPLHL-7WLED-PC-50

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.

VPLHL-7WLED-PC-50 Vapor Proof LED Drop Light
Lamp Type: A19 LED Bulb
Dimensions: 13"L x 4.5"Dia (Head) x 2"Dia (Handle)
Total Weight: 12.4 lbs
Handlamp Weight: 4.5 lbs
Voltage: 120-277V AC 50/60 Hz, 11V AC/DC, or 25V AC/DC
Total Watts: 10 Watts
Total Lumens: 1050
Luminous Efficacy: 105 Lm/W
Lamp Life: 50,000+ Hours
Color Temp: 6000K, 4500K, 3000K, Red, Amber, Blue, Green, or Purple
Beam Angle: Omni-Directional
Power Efficiency: >90%

Power Factor: 0.95

Amperage: 0.083A @ 120V AC, 0.042A @ 240V AC, 0.83A @ 12V, 0.42A @ 24V
Ambient Operating Temp Range: -50°C to +85°C
Lamp Housing Material: Rubber
Lamp Globe Materials Lexan
Mounting: Handheld w/ Swivel Hanging Hook
Wiring: 50` 16/3 SOOW w/ Cord Cap
Cord Cap: 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail
YOU CAN RENT THIS UNIT. CONTACT 1-800-369-6671.

Quick Summary
Listed for United States and Canada
Listed to UL 153
Waterproof / Vapor Proof
NEMA 4X
50,000+ LED Lamp Life
High Output LED Lamps
Polycarbonate Lexan Dome
105 Lumens Per Watt Efficiency
70% Lumen Retention after 50,000 Hours
50` SOOW Cable w/ Industrial Plug
Outdoor Approved
Food Safe / Food Grade Approved (No Glass)
Complies to NSF and FDA Materials for Food Contact Substances

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The VPLHL-7WLED-PC-50 from Larson Electronics is a Food Safe LED Trouble Light / Hand Lamp / Drop Light with Lexan Globe 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 unit is certified to UL 153 and NEMA 4X. 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 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. A stainless steel wire guard enclosure to protect the Lexan dome. The Lexan dome is shatterproof, and the stainless steel guard is corrosion resistant, making this drop light a perfect solution for food inspection.

These LED drop 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.

Vaporproof lights are constructed and certified to UL 153 standards, NEMA 4X rated, and designed to prevent water and/or moisture to enter the handle and/or head when used as instructed in wet locations. Rubberized handle improves operators grip and stainless steel mesh guard enclosures protects glass dome. Stainless hook enables operator to hang this task light overhead. Effective wet area task lighting that illuminates 10-12 feet in all directions with 3 footcandles of light, which is approximately the same amount of light available directly under a street light.

Lamp: 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. 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 light towers can operate on current ranging from 120 to 277V AC 50/60 Hz for high voltage models (11 or 25V AC/DC for low voltage models) 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.

Click Photos to Enlarge



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/Plug: This vapor proof hand lamp 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 220-240V 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.

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
Lexan Globe
Stainless Steel Swivel Hook
Waterproof/Vapor Proof
UL 153 Listed
NEMA 4X

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Frequently Asked Questions (FAQ)

There are no Faqs