Larson Electronics LLC
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## Product ID: 147320

**Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



Image:

**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.**

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**LLP-JD-TR-4XXX-HL-3X LED Hood Lights**
**Lamp Type:** LED
**Dimensions:** 19.8" x 2" x 1.5"
**Weight:** 9 lbs
**Total Watts:** 90W
**Voltage:** 12-24V DC
**Amps:** 7.5A
**Lumens:** 4,320 lm
**Beam Configuration:** Flood
**Lamp Configuration:** Tri-lamp (5x2)
**LED Light Color:** 6,000K - White
**LED Life Expectancy:** 50,000+ hours
**Ambient Operating Temp Range:** -10°C to +60°C
**Connector Type:** 2-pin
**Housing Material:** Aluminum
**Mount:** Automotive
**Wiring:** Plug and Play Wiring Harness
**Color:** Black

**Ratings/Approvals**
Waterproof
Billet Bezel Frame

**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

**The LLP-JD-TR-4XXX-HL-3X from Larson Electronics is an LED hood light that is a suitable replacement for lighting systems in tractors, agricultural vehicles, trucks and**

**industrial equipment. This low voltage, 90-watt unit features a tri-lamp configuration and is compatible with 12-24V DC. The LED light is held together via a billet bezel frame and offers waterproof protection in outdoor environments.**

The LLP-JD-TR-4XXX-HL-3X is a suitable replacement for external tractor hood lighting systems. This 90-watt LED light operates on 12-24V DC. When in use, the luminary emits 4,320 lumens of white light with a color temperature rating of 6,000K in a flood beam configuration. The tri-lamp unit is constructed of sturdy aluminum and features waterproof protection. The back of the LLP-JD-TR-4XXX-HL-3X supports a breathable design for robust air flow, along with a standard 2-pin connector for quick installation.

A billet bezel frame securely holds all three 5x2 lamps in place during operation. This kit comes with the necessary screws, wire harness, mounting hardware and frame required to complete the installation.

**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.

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### High Quality Features

1. Low power consumption.
2. Instant on/off operation.
3. Superior color rendering compared to HPS, LPS, MH.
4. Solid-state design.
5. Low profile - light weight.
6. 4,320 lumen output from 90 watts.

### Superior LED Benefits

1. 50,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. Qualifies retrofit projects for financial incentives, including utility rebates, tax credits and energy loan programs.
4. Reduces energy use and prolongs life-spans of peripheral cooling units (A/C, refrigeration)
5. 100% recyclable.
6. No toxins-lead, mercury.
7. No UV light, infrared radiation or CO2 emissions.
8. Qualifies buildings for LED and other sustainable business certifications.
9. Bright, even light maintains consistent color over time.
10. Instant on/off - No flickering, delays or buzzing.
11. Very good color rendering.
12. Vibration/impact resistant.

13. Significantly cooler operation.
14. Less frequent outages, higher output improves workplace safety.

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**Applications:** Replacement lights for tractors, agricultural vehicles and other compatible vehicles; grill lighting, hood lighting, automotive lighting and more.

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.

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# Frequently Asked Questions (FAQ)

There are no Faqs

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**Product ID: 147320**

**Harmonized System (HS) Code:** 8512.20.2080
**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- **SpecSheetSpanish**( https://www.larsonelectronics.com//images/product/SpecSheetSpanish/147320.PDF )
- **HigResPic1**( https://www.larsonelectronics.com//images/product/HigResPic1/147320.JPG )
- **HigResPic2**( https://www.larsonelectronics.com//images/product/HigResPic2/147320.JPG )
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