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LLP-JD-TR-4050-V1

LED Upgrade Kit for JD 4050 Tractor - (8) LED18W-PAR36 - (2) LED25WRE-CPR - (1) LLP-JD-TR-4XXX-HL-3X

Product ID: 148935



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.

LLP-JD-TR-4050-V1 LED Tractor Light Package
LED18W-PAR36 LED Light
Lamp Type: PAR36 LED
Dimensions: 4.5" (Nominal Diameter)
Total Watts: 18W
Watts Per Bulb: 3W (6)
Voltage: 10-30V DC
Current: 1.5A @ 12V / 0.75A @ 24V
Lumens: 1,800
Beam Configuration: Flood
Color Temperature Options: 3000K, 4500K or 6000K
LED Life Expectancy: 50,000+ hours
Ambient Operating Temp Range: -20°C to +60°C
Lens Material: Polycarbonate
Weight: 2 lbs

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

Hood Lights - Ratings/Approvals
Waterproof
Billet Bezel Frame

Connector Type: 2-pin
Housing Material: Aluminum
Mount: Automotive
Wiring: Plug and Play Wiring Harness
Color: Black

LED25WRE-CPR LED Work Bar
Lamp Type: Cree® LED
Dimensions: 5.75" x 4.36"
Watts: 25 Watts
Led Drive %: 90%
Voltage: 12-32V DC
Spot Beam: 1000` L
Lighting Configuration: Combination 10° Spot & 60° Flood
Mounting: Adjustable Bracket
Wiring: Deutsch IPD / LADD DT04-2P Connector
Amps: 2.08 @ 12V DC - 1.04 @ 24V DC
Lumens: 2750
LED Light Color: 6000K
LED Life Expectancy: 50,000 Hours
Materials: Aluminum Housing, Polycarbonate Lens
Housing Colors: Black or White

LED Work Bar - Quick Summary
Fast Average Current Control
Programmable Off-Time Switching
Linear Dimming Input
Short Protection w/ Skip Mode
Ambient Op Temp -40°C to +85°C
Pin-Compatible with the HV9910B
CE Certified
View Avg-Mode Driver Control PDF

Special Orders - Special Requirements
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The LLP-JD-TR-4050-V1 LED Tractor Light Package comes with 8 LED18W-PAR36 LED Work Lights. Two of the light heads come with a flood beam configuration for use as low beam lights. Two more of the LED18W-PAR36 lights feature a Euro beam configuration for use as front fender lights. The Euro beam configuration is more concentrated than a full flood beam and is ideal for peripheral illumination. The other four come with a flood beam configuration for use as area flood lights. The LLP-JD-TR-4050-V1 also includes 2 LED25WRE-CPR LED Work Lights and 1 LLP-JD-TR-4XXX-HL-3X Hood Light. The LED25WRE-CPR lights come in a spot beam configuration for use as high beam lights and the LLP-JD-TR-4XXX-HL-3X light features three flood beam LED lamps to be used as nose cone lights. The LLP-JD-TR-4050-V1 LED Light Package is ideal for installation and use on a John Deere 4050 Tractor. Each LED18W-PAR36 produces 1,800 lumens and each LED25WRE-CPR produces 2,750 lumens of high-intensity LED light output with low voltage and amp draw, a 50,000 hour rated service life and 12 to 32 volt compatibility that provides operators with a versatile and powerful LED tractor lighting solution.
LED18W-PAR36: This LED light bar is capable of emitting up to 1,800 lumens during operation. This PAR36 LED lamp operates on 10-30V DC, including 12V DC and 24V DC. When in use, the luminary emits 1,800 lumens in a flood beam configuration with color temperature options of 3000K, 4500K or 6000K. Please make your color temperature selection when ordering below. A total of six, three-watt LEDs can be found inside the unit. The PAR36 LED light is equipped with a clear, polycarbonate lens for close range illumination.
LED25WRE-CPR: This ultra compact LED light produces 2,750 lumens with low voltage and amp draw, 50,000 hour service life and 12 to 32 volt compatibility providing operators with a versatile and powerful LED lighting solution.
The LED25WRE-CPR LED light from Larson Electronics produces 2,750 lumens of bright light while drawing less than 2.25 amps from a 12 volt electrical system. A single Cree® 25 watt LED producing 2,750 lumens is combined with a high output reflector to produce a narrow 10 degree spread spot beam approximately 1000` long combined with a 60° flood beam. This combination spot and flood beam provides both distance and width from a single light source. This particular unit is ultra compact at 4.5" OD lamp head, 5.75 inches tall with mounting bracket, which makes it ideal for applications where electrical power and mounting space is at a premium.
As well as unparalleled heat control, the LED25WRE-CPR LED lights from Larson Electronics also offer IP68 rated construction that is designed to withstand

extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40 degrees Celsius to 85 degrees Celsius, are waterproof to three meters and resist ingress of dust, dirt and humidity. The housings are formed from extruded aluminum and the lenses are unbreakable polycarbonate. The Cree® LEDs offer resistance to shocks and vibrations and are rated at 70% lumen maintenance after 50,0000 hours of use.

LED25WRE-CPR Mounting: The LED25WRE-CPR LED lights feature a smaller profile and lighter weight than our LEDLB-E series lights, making them ideal for use in locations where traditional lights cannot fit or would block other mounted equipment. The LED25WRE-CPR is suspended within a form fitting trunnion (yolk-type) mount. This trunnion mount has two knurled knobs that can be loosened, allowing the LED light to be adjusted and then retightened to lock the light into any desired position once mounted. A single stainless steel stud protrudes from the bottom of the mount, enabling the operator to install the light using a simple through-hole mount, allowing the unit to be installed anywhere a 1/2-inch hole can be drilled.

LLP-JD-TR-4XXX-HL-3X: 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.

Mounting: The LED lights in this cab light upgrade kit mount in existing lamp holders on John Deere 4030 tractors. This means that this LED cab light upgrade kit is easy to install without any major modifications to the cab or body of the tractor.

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.







LARSON ELECTRONICS



X1





X8



X2

TRACTOR LED LIGHT PACKAGE

Frequently Asked Questions (FAQ)