

LED Light Package for Caterpillar Cat Challenger MT 865C Tractor Instruction Manual

Familiarize yourself with all procedures outlined within this instruction sheet.

WARNING:

READ CAREFULLY BEFORE OPERATING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

CRITICAL SAFETY INSTRUCTIONS:

- **RISK OF Electric Shock** – To avoid electric shock, serious injury or death, be certain all electrical power is disconnected from the supply branch circuit conductors before installing or maintaining this fixture.
- This product must be installed and maintained in accordance with the applicable installation codes by a person familiar with the construction and operation of the product and the hazards involved.
- Avoid direct eye exposure the light source when light is on. **DO NOT** shine light into the face of someone else.
- **DO NOT** touch lens of light when on or recently on. The lens/cooling fins will be hot after long periods.
- **DO NOT** allow children to handle or operate this flood light.
- **DO NOT** use this product for other than its intended use.
- **DO NOT** operate in close proximity of combustible or flammable materials.
- **DO NOT** attempt to operate this flood light if cord, plug, lens or any part of the flood light is damaged or corroded.

The LLP-CAT-TR-MT865C-V1 from Larson Electronics is a set of LED flood and spot lights for the Caterpillar Cat Challenger MT 865C Tractor. This set of LED lights can be used to replace or upgrade existing OEM lights on this tractor. This includes four LEDEQ-3X3-CPR LED work lights with flood beam configuration for use as back top cab flood lights, and two of the same model with a spot beam for use as back top cab spotlights. There are also two LED25WRE-CPR LED work lights for use as top front flood lights, for a total of eight light fixtures.

POWER

- **LEDEQ-3X3-CPR** is compatible with input voltages of 9-64V DC.
- **LED25WRE-CPR** is compatible with input voltages of 12-32V DC.

PLEASE NOTE: *There is no difference in light output between voltages.*

MOUNTING

LEDEQ-3X3-CPR lights are mounted using a U-bracket trunnion mount with 3 bolts. This style of bracket makes vertical light angle adjustments easy to implement, and allows you to mount the light anywhere bolt holes can be drilled. Loosen adjustment screws at the side of the light to make vertical adjustments, then tighten back once desired position is reached.

LED25WRE-CPR lights are mounted using a smaller trunnion mount that fits within the frame of the light, allowing for mounting in tighter locations where a larger mount may not fit. This light can be mounted to any surface where a bolt hole can be drilled. Vertical adjustments are made by loosening the adjustment screw, move the light to desired position, then tighten adjustment screw to hold in position.

WIRING

- Power is attached via cord on back of light. Cords connected via Deutsch connector, allowing for quick and easy connections.
- See wire diagram for connecting power. Red is positive and Black is negative.
- Take appropriate measures for waterproofing connections when installed in an area prone to getting wet.
- Different cord options are available from Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.

