



Installation and Operation Instructions EW2450 & EW2451 LED WORKLAMPS

ECCO's EW2450 and EW2451 LED Worklamps feature a fully adjustable mounting bracket that allows it to be rotated 360° as well as angled upwards or downwards. A convenient (removable) handle made of reinforced nylon allows easy repositioning. Other features include an aluminum heatsink housing, tough polycarbonate lens, on/off switch and nine 3-watt LEDs that produce a high-intensity beam. These worklamps are designed to perform in the harshest of work environments and offer all the benefits of LED technology including the brightest white light output, a long, maintenance-free service life and extremely low current consumption.



IMPORTANT! Read all instructions before installing and using. Installer: This manual must be delivered to the end user. ECCO is not responsible for the misuse of our work light products by unauthorized personnel.

WARNING!

Failure to install or use this product according to manufacturer's recommendations may result in property damage, serious bodily/personal injury, and/or death to you and those you are seeking to protect!



Do not install and/or operate this safety product unless you have read and understand the safety information contained in this manual.

1. Proper installation combined with operator training in the installation, use, care and maintenance of vehicle equipment accessories is essential to ensure the safety of you and those you are trying to protect.
2. Exercise caution when working with live electrical connections.
3. This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
4. Proper placement and installation are vital to the performance of this worklamp. Install this product so that output performance of the system is maximized and the controls are placed within convenient reach of the operator so that s/he can operate the system without losing eye contact with the work area.
5. It is the responsibility of the vehicle operator to ensure during use that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the beam is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles, or other obstructions.
6. The manufacturer assumes no liability for any loss resulting from the use of this device.

NOTE: Black die cast Aluminum housing gets very hot to the touch after operating constantly for several hours.

Specifications:

Input Voltage:	12-36 VDC
Input Current:	2.2 Amps @ 12VDC
Weight:	2.2 lbs. approx.
Output Power (Lumens):	1300 (Raw) 1100 (Effective)

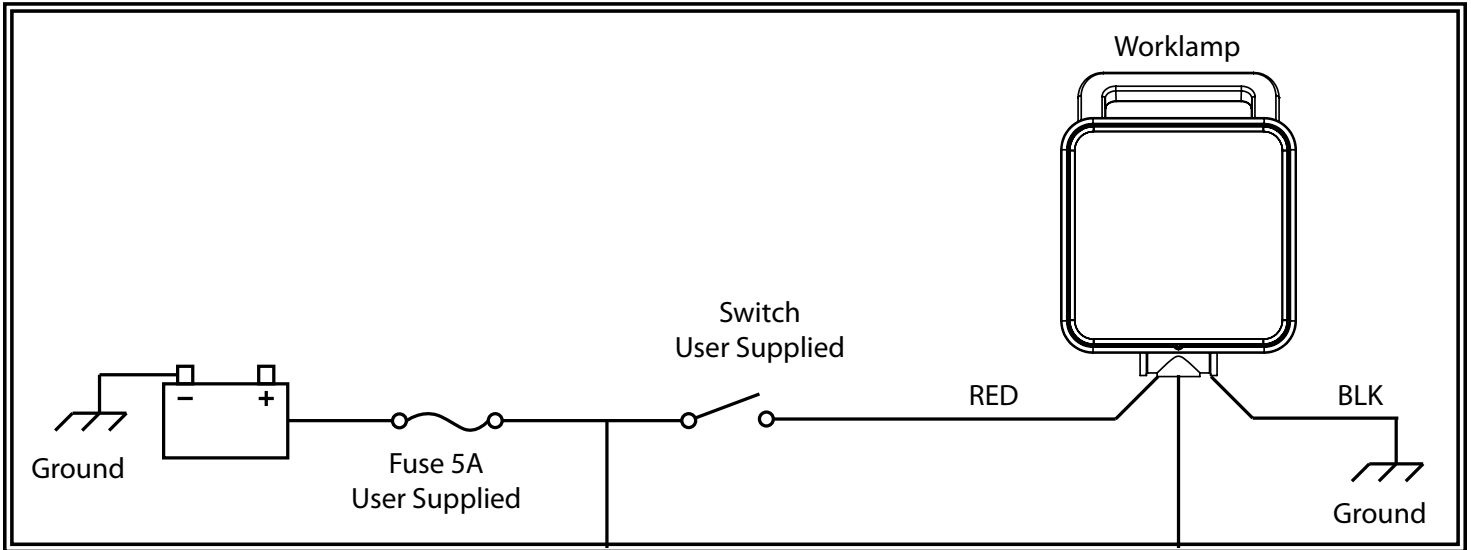
Installation Instructions:

1. Select a mounting location for the unit on a flat surface. Place the unit base, flat side down, on the surface.
2. Use the four holes in the base to mark the drill locations for mounting. It may be necessary to remove the light head from the base by turning the base handle counter-clockwise until the head can be removed. For reference, the mounting holes are 50mm x 30mm square, center-to-center.
3. Drill four 5.5mm diameter through holes through the mounting surface. Align the base with the mounting holes and place the M5 hex head bolts through the base and the holes. Place a washer on the other end of the bolt and tighten with the M5 nut. Repeat for the other three bolts.
4. Place the light head back in the base and turn the handle clockwise until the head is captured. Position the light in the appropriate direction and fully tighten using the handle.

Wiring Instructions:

Black Wire: Ground
Red Wire: Connect to fused power

See wiring diagram for further instruction



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