12 / 24 Volt HID light - 50 Watt HID
Carbon Fiber Housing - 4500 Lumens - Modified Spot Pattern
Instruction Manual

Familiarize yourself with all procedures outlined within this instruction sheet.

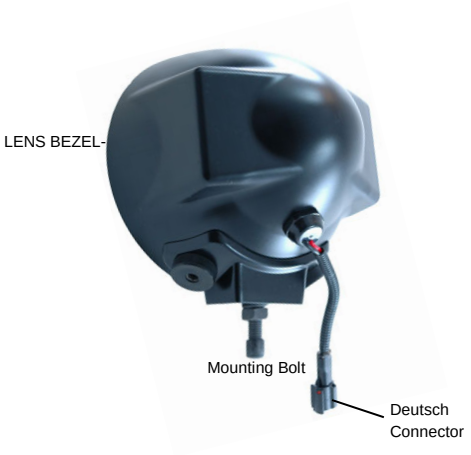
WARNING:

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

- NEVER PLACE SPOTLIGHT FACE DOWN WHEN LIGHT IS ON. DOING SO COULD BURN/IGNITE SURFACES SUCH AS SEATS, CARPETING, ETC. AND CAUSE MAJOR PROPERTY DAMAGE. ALWAYS TURN SPOTLIGHT OFF WHEN NOT IN USE.
- TO PREVENT SERIOUS DAMAGE TO EYESIGHT, NEVER LOOK INTO SPOTLIGHT WHEN LIGHT IS ON.
- **DO NOT** SHINE LIGHT INTO THE FACE OF SOMEONE ELSE.
- **DO NOT** TOUCH LENS OF SPOTLIGHT WHEN LIGHT IS ON OR IF IT WAS RECENTLY ON. THE LENS WILL BE HOT.
- **DO NOT** ALLOW CHILDREN TO HANDLE OR OPERATE THIS SPOTLIGHT.
- **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 SPOTLIGHT IF CORD, PLUG, BATTERY, BULB OR ANY PART OF THE SPOTLIGHT IS DAMAGED OR CORRODED.

POWER

1. The spotlight is designed to work on 12V DC or 24V DC.
   PLEASE NOTE: *There is no difference in light output between voltages.*
2. Power transformers (DCP-11-DP) can be purchased through our website to run this spotlight from household wall outlets.



All electronics are internal so there is no need to mount external ballasts. Each light has a simple deutsch connector. Connect power to battery following colors in diagram. Negative (Ground) should be connected to chassis. Use at least a 10 amp fuse on positive lead. It is recommended to use a relay for connecting multiple lamps to a single switch for the least path of resistance from battery to light.

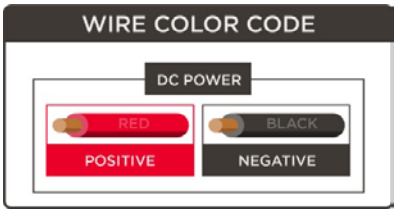
MOUNTING

Mount light securely; making sure bracket is square with vehicle. Tighten bolt on the bottom of the bracket to 50ft/lbs. This bolt will not be loosened to adjust beam. This off road tested halogen light features a dust and water resistant design to ensure functionality during all conditions.


Deutsch Connector

ADJUST LIGHT

Loosen knurls on the bottom of each light using hex wrench; making sure not to loosen knurls completely. Light beam can be adjusted up, down, left, and right at this point. A good reference point is at 20ft; the top of the beam should be 3” down from center of light (with the light bar at dead center). Tighten knurls to secure light in place.



To change the lamp, loosen screws around front bezel. Carefully lift off front lens. Remove old bulb and replace with new 50 watt HID Xenon D2 type Lamp. Do not touch bulb with bare hands as oil from skin could reduce its lifespan. Replace bezel and tighten set screw. Test for proper function.

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.