# 0.6 Watt Infrared LED Light Emitter
# 9-42V DC - 1550NM – Spot or Flood
# 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 light if cord, plug, lens or any part of the spotlight is damaged or corroded.
- Not designed or intended to be submerged.

The LEDLB-1-IR-1550NM LED is an infrared LED light emitter that projects an infrared beam in the 1550NM wavelength. This infrared light produces a beam that can only be seen through the use of night vision goggles or equipment.

## POWER




1. The LED light is designed to work on 9-42 volts DC. This variable voltage allows the light to be connected to consumer vehicles and other non-standard power supplies such as military vehicles and heavy equipment.

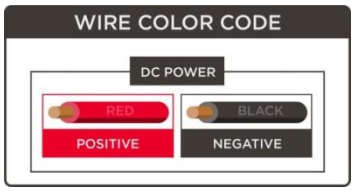
   **PLEASE NOTE:** *There is no difference in light output between voltages.*

Power transformers (DCP-11-DP) can be purchased through our website to run this LED light from household wall outlets.

## MOUNTING

Suspended on top of an adjustable u-bracket, this LED light can be adjusted and tightened into any position to suit your application. A single ¼" stud protrudes from the bottom of the u-bracket mount, enabling the operator to install the light using a simple through hole mount anywhere a ¼" hole can be drilled.

## WIRING




- Power is attached via pigtail with deutsch connector. Simply connect to your power source via this connector. Wire color code are per diagram: Red to positive(+) and black to negative(-). Ensure wiring is watertight when installing in wet/outdoor areas. Connect deutsch connector to light. Light is "instant-on" and will illuminate once power is supplied.

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.