



**Larson Electronics LLC** [www.LarsonElectronics.com](http://www.LarsonElectronics.com) [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)  
9419 E US HWY 175, Kemp, TX 75143 - P: (800) 369-6671 - F: (903) 498-3364

## **HL-85-3W1-IR**

### **INFRARED LIGHT**

1. These handheld spotlights are offered in 850 nanometer and 940 nanometer configurations. A night vision system (i.e. night vision goggles or an infrared camera) *is required* to be able to use the infrared light output of this handheld spotlight.
2. 850NM can be seen by GEN 2 night vision systems. Typical night vision goggles are GEN 2.
3. 940NM can be seen by GEN 3 night vision systems. Most 940NM systems are government use equipment.

### **POWER**

1. The spotlight can be plugged into cigarette plug sockets, attached directly to 12 volt DC batteries, etc.
2. Each unit is configured for either 12 volts or 24 volts. They are multi-voltage and can operate on any *low voltage* power supply from 9 to 32 volts DC.
3. Power transformers (DCP-5-DP) can be purchased through our website to run this LED spotlight from household wall outlets.

### **DETACHABLE CORDS**

1. Each cord is attached via a weatherproof 2-pin Deutsch connector.
2. The cords are detachable by depressing the tab on the top of the connectors. This enables the operator to leave the cord connected to the power source and remove and store the light.
3. Additional or replacement cords can be ordered from our website. We offer 16 foot coil cords with a cigarette plug (C-16-CC-CP), 21 foot cords with ring terminals (C-21-RT), 16 foot cords with battery clamps (C-16-BC), and 16 foot straight cords with cigarette plugs (C-16-CP).

### **MOUNTING**

1. These units are handheld via the pistol grip handle, but can be mounted via the 3/8-16" brass nut fastener embedded into the base of the handle.
2. We offer a 100lb magnetic base (MM-2) for magnetic mounting, and a permanent mounting plate with swiveling and tilting bracket (PMB-4X4) for permanent mounting.



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