

**2 Million Candlepower Handheld Spotlight w/ 100 FT Cord**

Part #: HL-8-100-GL-1204



This lightweight, ultra rugged, ergonomic handheld Larson Electronics spotlight operates on 110VAC wall plug in. Alternatively, the step down transformer can be removed and operator can run unit off a 12 volt system (with a 12 volt plug-in cord). This unit can be used as a spot or flood light. This spotlight comes complete with choice of either a 5" or 7" lens diameter. This Larson Electronics spotlight ships with a 25 foot cord, a 110VAC/12VDC step down transformer, and the 100W halogen handheld unit itself. The unique reflector and lens configuration produces a 900 foot beam in spotlight mode, making it approximately 5 million retail candlepower rating. Backed by a 3 year warranty, our new Larson Electronics handheld spotlight is ideal for work, security, hunting, inspecting, work area illumination, farming, and various other applications where a 110VAC powerful handheld spotlight is needed.

This handheld spotlight was designed for a specific purpose and the materials were chosen for the same purpose. There are many handheld lights with similar configuration, however we noticed that quality and durability does not meet the needs of most of our work oriented and industrial users.

The handle and lamp housing support are made from high impact nylon. The polycarbonate lamp housing is thick and contoured for extra support. The 16 gauge internal wiring and connectors are simple and well constructed. The industrial grade, tungsten filament bulb is designed for 1200 hours of life while producing over 5 million candlepower in this configuration. The impact resistant polycarbonate lens is lightweight, shatter resistant and thermal resistant.



[Click Photo to Enlarge](#)

The reflector is uniquely shaped and shallow, capturing and focusing the light efficiently and effectively. Combined with a convex lens and inset lens positioning, this light optimally and efficiently captures and projects the right amount of light where the operator wants it. The position of the bulb and the shape of reflector are different than most handheld lighting products. The difference is in how much of the emitted light is captured and focused. In many ways, light shares the properties of the water. With many spotlights, a great deal of the light "spills" on the ground around the light source. While a beam continues to project, much of the light "spills" out around the source, robbing the desired, projected beam of its power. Often times, as much as 50 percent of the light is lost. In the Larson Electronics spotlight configuration, more than 90 percent of the emitted light is captured and focused. A side benefit of this is a reduction of "casting," a phenomenon that occurs when the light "spills" around the light source. Often times, when surrounded by water, snow or other reflective surfaces, the light spillage will cause "casting" which effectively prevents the human eye from adjusting and seeing the objects at distance the spotlight was used to see.

The operator can lift the locking tab behind the lamp housing and rotate the lamp head. Rotating the housing enables the operator to adjust the beam from a wide, soft flood pattern to a tight, spot beam that goes out 900 feet. Continued rotation to the extreme disconnects the lamp head from the handle assembly, enabling the operator to replace the bulb when necessary.

[5 inch lens](#)[Click Photos to Enlarge](#)[7 inch lens \(Optional\)](#)

This ultra-durable handheld spotlight weighs only 13 ounces, which makes it easy to carry and operate. The unit is balanced for ergonomic comfort and handling. The ergonomic handle is 4.5 inches long, 1.5 inches deep and 5/8 inch thick, making it easy to hold, even in wet, slippery conditions. The nylon handle has a no-slip textured surface to improve grip as well.

The booted push button switch is conveniently placed so the user can easily access the switch with their fore finger for quick on/off action. We have changed the wiring and the plug on the current model. Internally, we added 2 strain reliefs and a wire tie. Externally, we modified the coiled cord setup.

A 3/8-16 inch brass nut fixture is imbedded in the base of the handle enabling the operator to mount a magnetic base, like our MM-2 or MM-5 to the light. Alternatively, the operator can tripod mount this spotlight as well.

The Larson Electronics spotlight is designed for easy field maintenance. Simple internal connectors are accessed through the snap in base at the bottom of the handle. The lamp housing is easily removed to access the bulb and wiring.

This Larson Electronics spotlight has a lanyard attachment at the top of the handle for users that want to secure the light in the event they lose their grip.

The materials used in the construction of the light are UV, water, impact and chemical resistant.

This handheld spotlight draws 1.1 amps on a 110 volt system.

**CE CERTIFIED**

Part #: HL-8-100-GL-1204 (1059)

Options:

HL-8-100-GL-1204- LENS SIZE

Example: HL-8-100-GL-1204-5

LENS SIZE	
5	-5
7	-7











Links (Click on the below items to view):

- Hi Res Image 1 - 2 Million Candlepower Handheld Spotlight w/ 100 FT Cord
- Hi Res Image 2 - 2 Million Candlepower Handheld Spotlight w/ 100 FT Cord
- Hi Res Image 3 - 2 Million Candlepower Handheld Spotlight w/ 100 FT Cord
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