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HL-XX-RL

Red Lens and Reflector System for HL-85, RL-85, HL-85-HID, RL-85-HID Spotlights

Product ID: 1952

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

Red Lens and Reflector System for HL-85, RL-85, HL-85-HID and RL-85-HID Spotlights.
This red lens and reflector is a complete assembly. The seven inch lens/reflector amplifies the power of the spotlight while providing a pure red lens for hunting and other non-white light applications.
Popular with hunters, red lenses are typically a snap on and off application to spotlights. However, when using polycarbonate lenses, stacking one lens on top of another can greatly reduce light output. Many times there is white light leakage, which defeats the purpose of the red lens anyway. By creating a complete red lens and reflector assembly, all the light produced by the bulb is passed through a single lens only. This maximizes light output.
The picture above shows the beam produced on the HL-85-HID model in spot mode. Unlike most red lens configurations, replacing the clear lens with the red lens (instead of a snap on lens) preserves the beam length and power.
The picture above shows the beam produced on the HL-85-HID model in flood mode. Unlike most red lens configurations, replacing the clear lens with the red lens (instead of a snap on lens) preserves the beam length and power. This is particularly important in flood mode, where the beam is already diffused.
The red lens and reflector assembly is simply attached. The clear lens and reflector assembly is "spun" off. Our HL and RL spotlights enable the user to adjust the beam from spot (narrow and long beam) to a flood (short, wide and soft) beam. This is done by rotating the lens and reflector assembly. By continuing the counter clockwise rotation you can move from spot to flood, to completing the removing the assembly. The red lens and reflector is simply spun back on in its place.

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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

Options:

HL-XX-RL-Lens Size

Example: HL-XX-RL-5in

Lens Size	
5 INCH	-5in
7 INCH	-7in

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**