

LED FIVE YEAR LIMITED WARRANTY

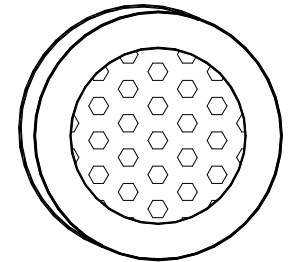
The manufacturer warrants this LED light against factory defects in material and workmanship for five years after the date of purchase. The owner will be responsible for returning to the Service Center any defective item(s) with the transportation costs prepaid. The manufacturer will, without charge, repair or replace *at its option*, products, or part(s), which its inspection determines to be defective. Repaired or replacement item(s) will be returned to the purchaser with transportation costs prepaid from the service point. A copy of the purchaser's receipt must be returned with the defective item(s) in order to qualify for the warranty coverage. Exclusions from this warranty include, but are not limited to, domes, and/or the finish. This warranty shall not apply to any light, which has been altered, such that in the manufacturer's judgment, the performance or reliability has been affected, or if any damage has resulted from abnormal use or service.

There are no warranties expressed or implied (including any warranty of merchantability or fitness), which extend this warranty period. **The loss of use of the product, loss of time, inconvenience, commercial loss or consequential damages, including costs of any labor, are not covered.** The manufacturer reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured.

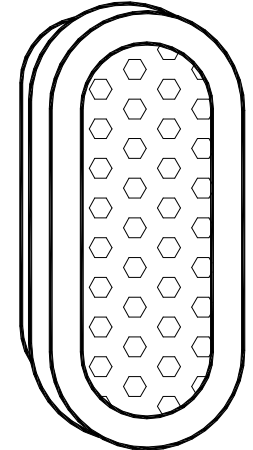
This warranty gives you specific legal rights. You might also have additional rights that may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

If a product must be returned for any reason, please contact our Customer Service Department to obtain a Returned Materials Authorization number (RMA #) before you ship the product back. Please write the RMA # clearly on the package near the mailing label.

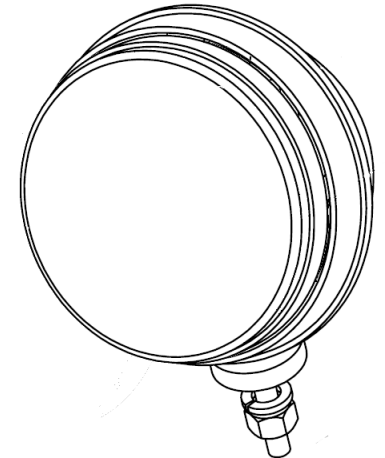
LDHEF-4 4" ROUND FLASHING LED WARNING LIGHT MODULE



LDHEF-6 6" OVAL FLASHING LED WARNING LIGHT MODULE



LDHEF-5CT 5" ROUND FLASHING LED WARNING LIGHT MODULE



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This light utilizes high-intensity LED Lamps. DO NOT stare directly into the light while it is on, as momentary blindness and/or permanent eye damage may occur.

The **LDHEF Series** LED flashers use state-of-the-art Light Emitting Diode (LED) technology. The LDHEF series heads are comprised of a series Ultra-Bright LEDs that efficiently produce a light output with an average lifetime of 100,000 hours of "ON" time. Under normal circumstances, you will never need to replace these heads.

The LDHEF Series LED Flashers are designed for use as an auxiliary warning light system. The LDHEF lights **will not** replace your current Stop-Tail-Turn lights, but instead will provide an independent, supplementary warning signal.

SAFETY MESSAGE TO INSTALLERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with our products. In addition, listed below are some other important safety instructions and precautions you should follow:

- To properly install this warning light: you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- DO NOT install equipment or route wiring or cords in the deployment path of an air bag.
- DO NOT attempt to activate the light while driving in a hazardous situation.
- File this instruction sheet in a safe place and refer to it when maintaining and/or reinstalling the product.

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you or others.

All of these LED warning light modules are sealed, low current devices designed for warning purposes. These warning lights can be used **ONLY** with their own internal flasher. They can be powered by 12-24 VDC power systems only.

KIT CONTENTS LIST

<u>Qty</u>	<u>Description</u>
1	Warning light head
1	Mounting grommet or housing
1	Wire harness (LDHEF-4 and LDHEF6 only)

BASIC INSTALLATION

IMPORTANT: Please read all of the following instructions before installing your new LED Flashing Heads. This instruction sheet applies only to installation of the models listed at the top of this sheet.

Caution: Always disconnect the positive terminal on your battery before attempting any electrical work on your vehicle.

WARNING!!: The red, green and black wires on the harness are NOT compatible with strobe power supplies. Connecting these heads to a strobe power supply may damage both the LED head and/or the strobe pack and will void all warranties.

1. Determine the mounting location for the lights and user-supplied switch.
2. Route an 18 GA wire from the power source to the switch location. Install a user-supplied fuse and fuse holder as close to the power source as possible. Each pair of lights should have a 2 amp fuse. Two pairs should have 4 amp fuse.
3. Note that the back of the light has the function of each wire marked:
 - “**GND**”, **Black** - Good Chassis Ground (-)
 - “**TAIL**”, **Green** - Cap off the green wire from both heads for independent flashing or connect green wires from both heads together for synchronization.
 - “**STOP**”, **Red** - Power for Internal Flasher (+12-24VDC)
4. Connect the black wire from each head to a good chassis ground.
5. Connect the red wires from each head to +12-24 VDC through a switch rated for at least 1 amp for each LED head.
6. **For Independent Flashing:** Cut each green wire down to approximately 2" and use a wirenut to cap each off. This method will cause the two LED heads to flash independently of one another at their own rate.

For Synchronized Flashing: Connect the green wire from the first LDHEF head to the green wire of the second LDHEF head. This will cause the two heads to alternately flash back and forth. **Please note that the green wires MUST be connected together prior to powering them up for synchronization to occur.**