

# HINVII

## Micro-Star® Series

Low Profile Steady Burn LED Auxiliary Light



**DO NOT stand within 7" of the light when it is illuminated!!**



Note: Auxiliary light does NOT illuminate all objects.

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

### Installation Notes

- Installer must have firm knowledge of vehicle electrical systems and emergency equipment. **It is the sole responsibility of the installer to ensure the warning light is secure. The manufacturer assumes no responsibility for the secure mounting of this light.**
- If you need to drill any holes when installing this light, please take care to check that BOTH SIDES of your drilling surface are clear from obstructions.
- Choose a mounting location away from any air bag deployment areas.
- Controls should be placed within convenient reach of the driver.
- Use only soap and water when cleaning product. Use of other chemicals may discolor lens and/or housing, diminishing light output.

### Wiring Notes



When wiring your lights, it is recommended that you take the following precautions to reduce any Electromagnetic Interference (EMI).

- Keep LED modules and any radios as far away from each other as possible.
- Separate the radio wires and the LED wires.
- Any excess wires should be cut short.
- The GROUND and POWER wires should be bound tightly together as they run from light to light, through your switchbox, and to the battery.
- **Do not ground each unit independently to the chassis.** Run the ground for each unit in a "bus" like structure, to the negative terminal on the battery.

**STAR**  
Safety Technologies by *Crote*

www.StarSafetyTechnologies.com

PLIT624 REV. A 8/15/23

### Surface Mounting Instructions

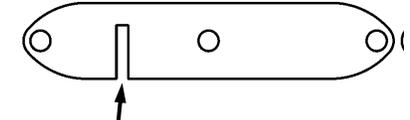
Note: Lights must be mounted a MINIMUM of 12" apart.



Several mounting brackets are available for various applications where mounting directly to the surface is not desired. Please visit our website for a complete list of brackets.

For surface mounting, use the gasket as a template to mark and drill three 1/8" holes for the self tapping screws and wires.

Rubber Mounting Gasket  
P30047-174



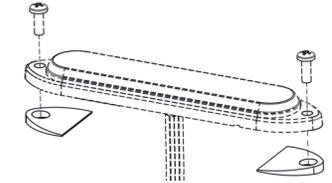
Remove the one gasket slit that is open to the bottom and ensure it is aligned with the Gortex™ pad on the rear of the light. This will allow air to circulate through the pad, helping reduce condensation.

**! MUST DRILL HOLES THE SPECIFIED SIZES!!!**

**! DO NOT OVER TIGHTEN SCREWS!! TORQUE TO 10 IN.-LBS.!!**

**! MUST USE #6 STAINLESS STEEL SCREWS!!**

If you are installing this light on a curved surface, it is recommended that you purchase the #30019-314 Shim Kit and install the shims as pictured to the right.



**Unless you are using the optional shims, this light must be mounted on a perfectly flat surface!! Failure to do so will result in damage to the housing and will void the warranty!**

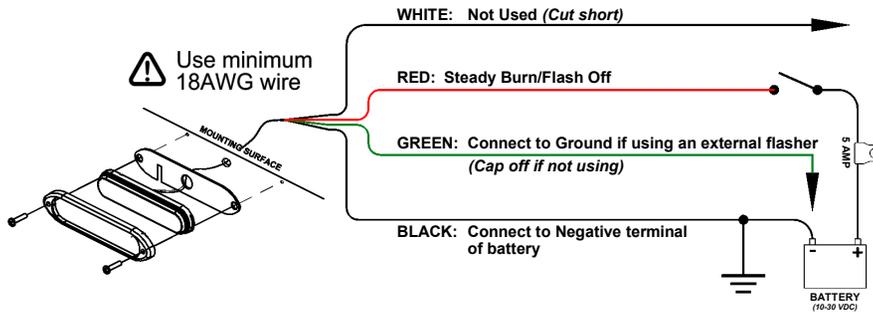


Once the wires are run, the use of a small amount of silicone or other similar sealant (not included) is recommended to seal the wire hole and prevent your wires from becoming damaged.



PROUDLY MADE IN THE USA  
An ISO 9001:2015 Certified Company

## Programming, Functionality, and Operation



This light can be connected for two different modes/applications:

- Steady Burn with Slow Bursts (Off Flashing)
- Dummy head to be connected to external flasher

### STEADY WITH SLOW BURSTS

(RED connected to POWER and BLACK connected to GROUND)

In this mode, when power is applied to RED, the light will illuminate in a Steady Burn Mode and will occasionally flash OFF to attract attention.

#### Please Note:

- This mode **CANNOT** be used with a flasher.
- For night time use only. This light has a built-in photocell that dims the light to 10% in the daylight.
- Headlights and other bright lights can trigger the photocell to dim the light into "day mode".

### EXTERNAL FLASHER MODE

(RED connected to POWER and both GREEN and BLACK connected to GROUND)

In this mode, the RED wire must be connected to an external flasher to flash.

#### Please Note:

- This mode **MUST** be used with a flasher.
- The flasher **MUST** have an on-time of no more than 50%. Longer on-times will dramatically reduce the life of the light and will void the warranty.
- The photocell is NOT active in this mode.

## LED FIVE YEAR LIMITED WARRANTY

Star Safety Technologies warrants this LED light against factory defects in material and workmanship for five years after the date of manufacture. 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.** Star 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 you have any questions concerning this or any other product, please contact our **Customer Service Department** at (585) 226-9787.

If a product must be returned for any reason, please call the number above and ask for the Repair Department so that you can obtain a Returned Materials Authorization number (RMA #). Please write the RMA # clearly on the package near the mailing label.

### NOTICE

Due to continuous product improvements, we must reserve the right to change any specifications and information, contained in this manual at any time without notice. Star Safety Technologies LLC. makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Star Safety Technologies shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this manual.



PROUDLY MADE IN THE USA  
An ISO 9001:2015 Certified Company