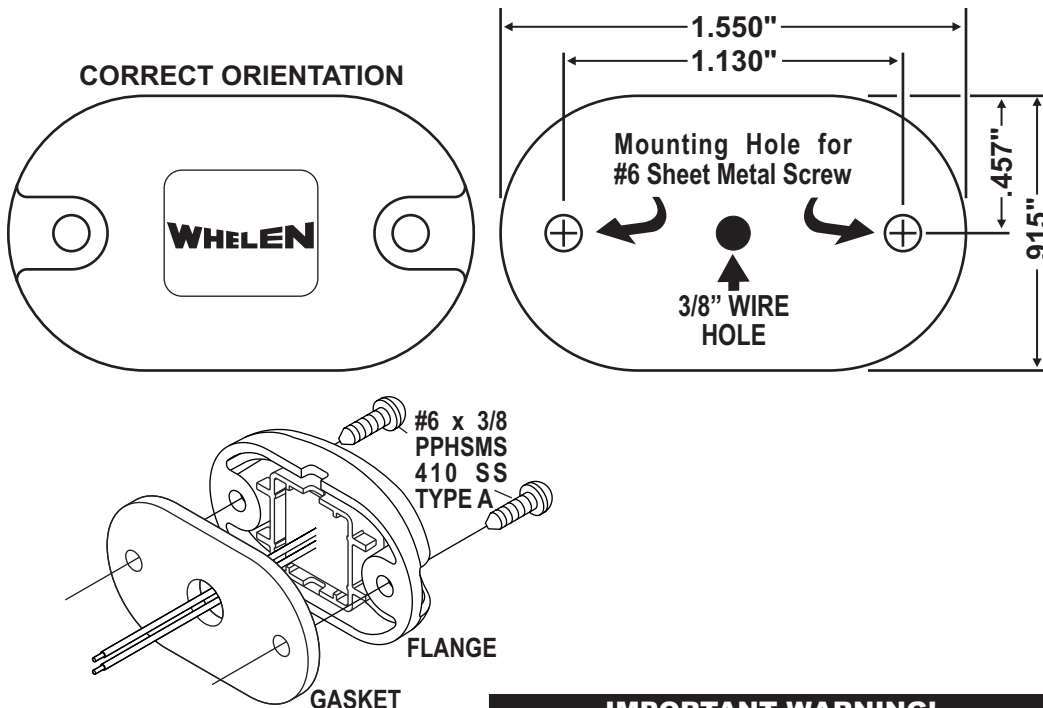


Safety First: This document provides all the necessary information to allow your Whelen product to be properly and safely installed. Before beginning the installation and/or operation of your new product, the installation technician and operator must read this manual completely. Important information is contained herein that could prevent serious injury or damage.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.
- Whelen Engineering requires the use of waterproof butt splices and/or connectors if that connector could be exposed to moisture.
- Any holes, either created or utilized by this product, should be made both air- and watertight using a sealant recommended by your vehicle manufacturer.
- Failure to use specified installation parts and/or hardware will void the product warranty!
- If mounting this product requires drilling holes, the installer **MUST** be sure that no vehicle components or other vital parts could be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Install grommets into all wire passage holes.
- Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the **NEGATIVE (-)** battery post.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows both the vehicle and the control to be operated safely in any driving condition.
- Do not attempt to activate or control this device in a hazardous driving situation.
- This product contains either strobe light(s), halogen light(s), high-intensity LEDs or a combination of these lights. Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.
- **WARNING!** All customer supplied wires that connect to the positive (+) terminal of the battery must be sized to supply at least 125% of the maximum operating current and **FUSED** "at the battery" to carry that load. **DO NOT USE CIRCUIT BREAKERS WITH THIS PRODUCT!**
- **FAILURE TO FOLLOW THESE PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

1. Place the flange onto the mounting surface and mark the location for the two mounting screws and the wire access hole location between the two screw holes. **NOTE: An optional wire exit hole is provided on the bottom of the flange if you prefer the wires to exit the bottom of the lighthead.**
 Be sure the installation will not interfere with anything behind the mounting surface.
2. Drill two pilot holes for the two #6 x 3/8" sheet metal mounting screws and a 3/8" wire access hole. Be sure to thoroughly deburr this hole.
3. Feed the wires through the gasket and wire access hole and mount the lighthead with the supplied mounting screws. **NOTE: Make sure the Whelen logo on the lens is oriented correctly after mounting.**
4. Extend the wires to your power source and fuse the positive wire @ 1 amp then test the lighthead.

IMPORTANT! Before returning this vehicle to active service, visually confirm proper operation of this product, as well as all vehicle components/equipment.



STEADY

Colored Wire: +12VDC
Black Wire: Ground

Specifications

Input Voltage: 12.8 VDC
Input Current: 30mA (TYP)

FLASHER

Colored Wire: +12VDC
Grey Wire: Ground

Specifications

Input Voltage: 12.8 VDC
Input Current
PEAK: 60 mA (TYP)
Average: 30mA (TYP)
Flash Rate: 150 FPM

IMPORTANT WARNING!

CAUTION! DO NOT LOOK DIRECTLY AT THESE LEDS WHILE THEY ARE ON. MOMENTARY BLINDNESS AND/OR EYE DAMAGE COULD RESULT!