

Ultra Slim Amber Lightbar

The following is a list of recommended practices for the installation and operation of your light.

FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY AND/OR DEATH TO YOU AND YOUR PASSENGERS

- Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems, and procedures. You may need to consult a professional for installation.
- SWS Warning Lights Inc. recommends the use of waterproof butt splices and/or connectors for all electrical connections. It is recommended that the use of good dielectric grease be used on all connections where possible.
- 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. Also, de-burr the holes and remove any metal shards or remnants. Grommets are recommended for all wire holes.
- Do not mount the light close to antennae or radio equipment, as they may cause electromagnetic interference. After installation of the light, it is necessary to test all electronic equipment simultaneously to ensure that they operate free of interference from other components within the vehicle.
- Never power emergency warning equipment from the same circuit or share the same grounding circuit with radio communication equipment.
- Do not install this product or route any wires in the deployment area of your air bag or areas that interfere with the operation of the vehicle. Refer to your vehicle owner's manual for the air bag deployment area and recommended mounting areas for warning lights and other equipment.
- Never mount this product with magnets as its weight may cause the product to slip and alter the intended direction of travel.
- Arrows and Traffic Directors are meant to be mounted rear facing (unless otherwise labeled). Any other orientation or movement into any other orientation may result in damage to the product or void the warranty. If you have a unique application or orientation, please contact SWS before proceeding.
- Do not attempt to activate or control the device with the vehicle in motion or in a hazardous driving environment. The vehicle should be stopped and parked before control of the light is attempted.
- Always be aware of the pattern and its effect on traffic when activating the Traffic Directing Device.
- Do not stare directly into these lights. Momentary blindness and/or eye damage could result.
- Use only soap and water to clean the product. Use of other chemicals could result in degradation and discolouration of the lens/dome.
- Do not use a pressure washer to clean this product.
- Inspect and operate this product regularly to confirm its proper operation and mounting condition.
- It is recommended that these instructions be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.
- SWS endeavours to maintain installation instructions for its products according to the latest requirements of vehicle manufacturers. SWS cannot guarantee, and shall not be held liable for, changes or updates a vehicle manufacturer may make which render SWS's products inoperable or otherwise.
- SWS Warning Lights Inc. and its subsidiaries are not responsible for any damages due to improperly mounted or improperly wired lighting equipment.

- **Select a surface where the light is visible and free of obstruction.**
- **A straight level is highly recommended to ensure the light is level.**
- **Ensure the vehicle is on level ground when installing.**

Mounting:

1. Flip the lightbar over carefully to get access to the mounting slots.
2. Slide the 8 M6 bolts into the left and right side of the lightbar (Fig. 1).
3. Place the mounting feet onto the bolts (Fig. 2).
4. Once the mounting feet are on place the Ø6 washer on to the screws (Fig. 3).
5. After the washers are placed, put a Ø6 nut onto the end of the bolt (Fig. 4).
6. After the mounting feet are placed and bolted down, then flip the lightbar back over and place the mounting bolts in the mounting hole (Fig.5).

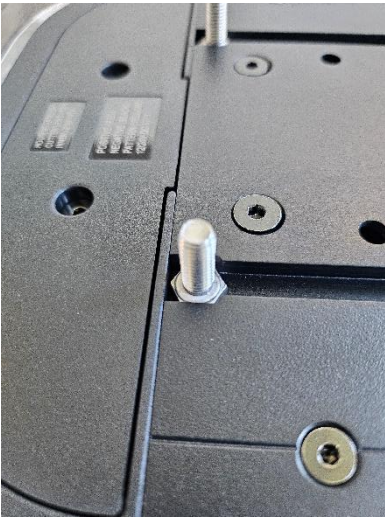


Fig. 1



Fig. 2

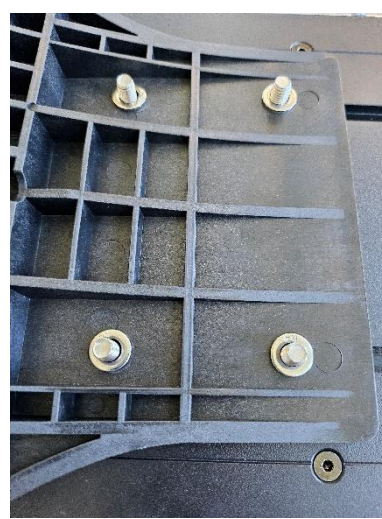


Fig. 3



Fig. 4



Fig. 6

Wiring:

- Connect the red and black from the cable of the lightbar to positive and negative of the vehicle battery.



Cable Size: 3x0.5x5000mm
Dia. 7mm PVC Jacket,
Rubber core wires in Red/Black/Yellow

- Tapping the yellow wire to positive will change the mode of the lightbar.
- If using the controller, tuck the yellow wire away so it doesn't trigger unwanted mode change.
****Can not use the yellow wire and the controller at the same time****

Modes (14 total):

4 modes flash

- 1 Single flash
- 2 Double flash
- 3 Triple flash
- 4 Half-flash left and right

5 modes rotation

- 1 Slow anticlockwise rotation
- 2 Slow clockwise rotation
- 3 Quick anticlockwise rotation
- 4 Quick clockwise rotation
- 5 Rotation

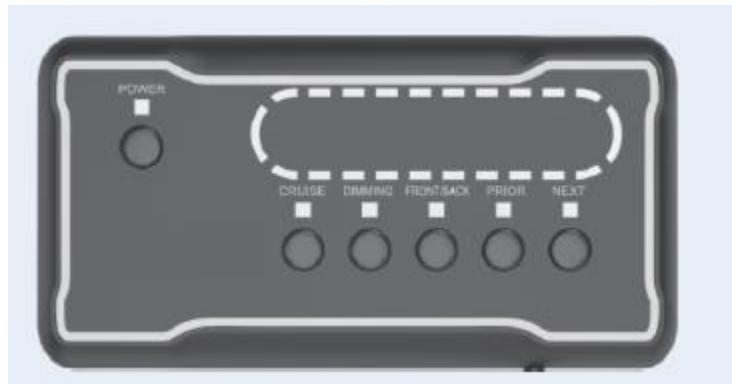
2 cruise

- 1 Cruise (all modules)
- 2 Cruise (two side modules)

3 modes arrow

- 1 Center arrow
- 2 Left arrow
- 3 Right arrow

Controller:



- The controller has 6 buttons: Power, Cruise, Dimming, Front/Back, Prior, and Next
- The Power button turns the light bar on.
- Cruise enables the 2 side modules or all modules.
- Dimming will cause the lightbar to dim in brightness.
- Front/Back activates the modules in either the front or back.
- Prior and Next let you go to the next mode or to go back to the prior mode.

Trouble Shooting

- Check all connections for breakage or corrosion.
- Make sure the controller is plugged in properly.
- For long power wire lengths, ensure the voltage at the light connection is adequate. If not, you may have to shorten the length or increase the wire gauge.
- Ensure the vehicle's battery is charged and that the charging system is functional.

CALL SWS WARNING LIGHTS INC. (1-877-357-0222) FOR FURTHER ASSISTANCE