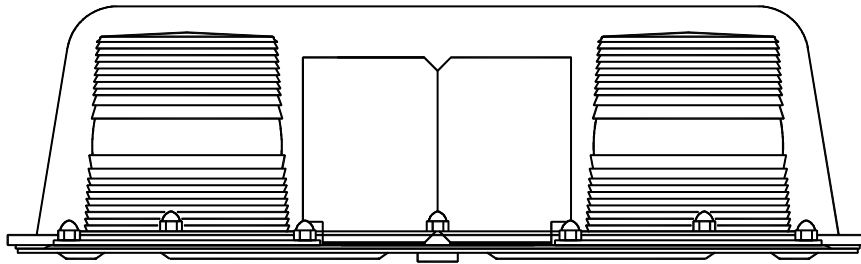


9200LX Series Class1 LED Minibars



IMPORTANT: Please read all of the following instructions before installing your new warning light.



PROUDLY MADE IN THE USA
An ISO 9001:2008 Certified Company



Star Headlight & Lantern Co., Inc.

455 Rochester Street Avon, NY 14414 Phone: 585-226-9787 FAX: 888-478-2797

STAR
WARNING
SYSTEMS

STAR
SIGNAL
VEHICLE PRODUCTS

BRADFORD
Vehicle Solutions

www.starheadlight.com

PLIT589 REV. A 5/22/19

Magnet Mounting

If you are mounting the light on the roof of your vehicle, take extreme care to ensure that the magnet is firmly seated on your roof, and that the pull of the magnet is sufficient to secure the light in place. As the composition of the metal in the roofs of different vehicles may vary, as well as the contour, texture and/or condition, Star cannot guarantee the ability of the light to remain in place upon a moving vehicle. It is the sole responsibility of the owner to ensure the warning light is secure.

WARNING!!!! Care should be taken when positioning any warning light on the roof, dash, or instrument panel of the vehicle, so that the light and/or cord does not interfere with the proper operation of any airbags! Failure to heed this warning may result in serious or fatal injury.

- **CAUTION:** Please be sure to check that your cigarette plug outlet is properly fused. **Testing the light before this fuse is properly installed will void the warranty on the light.**
- Once the light is secured, route your cord such that it does not interfere with the vision of the driver or the operation of any controls, including, but not limited to, the steering wheel, gear shifter, and/or airbag.
- This light has been factory tested and approved. If the light fails to work when the plug is inserted into the cigarette plug socket, twist the plug a few times to remove any ash or other deposits which might be preventing a good contact from being made. If the problem persists, check for a fuse inside of the plug itself. If present, remove the fuse from the circuit, check to see if it has blown, and clean the lighter socket and contact surfaces. Reconnect the fuse and test the light again.

Permanent Mounting

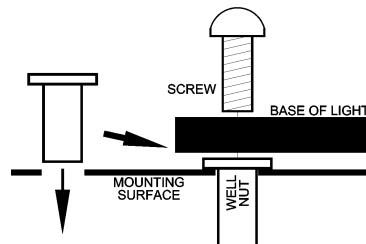
1. Remove the dome from your mini-bar and using the base as a template, mark four holes on the mounting surface.

2. Drill a 3/8" hole in the four marked spots.

CAUTION: Take care not to drill through the headliner below.

3. Push the enclosed rubber well nuts through the holes until the bottom side of the wider lip rests on the surface of the vehicle.

4. *If you are routing your wires through the mounting surface*, draw two diagonal lines between the well nuts in the opposite corners. Mark the location at which they cross. Drill a 3/8" hole in the center marked location and route your wires through it.



5. Place the light on the mounting surface and align the holes with the well nuts. Install the screws and tighten until snug.

6. Replace the dome on your mini-bar.

Wiring Instructions *(Permanent Mount Versions Only)*

CAUTION: All of our DC powered warning lights are polarity sensitive. These lights are polarity protected *only if the appropriate fuse is used*. All wires connected to the positive terminal of the battery should be fused at the battery for their rated load. Testing the light before this fuse is properly installed will void the warranty on the light.

Black Ground
Red Power (+12/24VDC through 5 Amp fuse)
Green Pattern Select (Touch and Release to Ground - see below)

Pattern Programming

1. Power up the light and cycle through the flash patterns listed below by pressing Pattern Select switch (*cig plug versions only*), or briefly touching and releasing the green wire to ground (*hard-wired versions only*).
2. After the pattern has been set, tape, or place a wirenut over the end of the green wire to prevent it from coming into contact with ground again (*hard-wired versions*).
3. **SHORTCUTS:** Review the chart below for a list of how long you need to touch the green wire to ground or hold the Pattern Select button to jump directly to a desired pattern.



Phase 1 Flash Pattern #	Phase 2 Flash Pattern #	Pattern Description	Shortcut
1	13	Flicker †	← Pattern 1 (Phase 1) 3 Sec/1 Blink
2	14	Fast Doubleflash	
3	15	Tripleflash †	
4	16	ECE Quadflash †	
5	17	ECE Doubleflash †	← Pattern 13 (Phase 2) 9 Sec/3 Blinks
6	18	Quadflash †	
7	19	Quadflash w/Post-Pop †	← Pattern 6 (Phase 1) 6 Sec/2 Blink
8	20	Singleflash †	
9	21	Doubleflash †	
10	22	Variable AKA Delta-Omega	← Pattern 18 (Phase 2) 12 Sec/4 Blinks
11	23	Post pop †	
12	24	Random	
NA		Steady	← 15 Sec/5 Blinks

† - *Approved patterns for SAE J845 when properly configured*

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, dimes, 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 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 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.



Please Note: These instructions are provided as a general guideline only. Specific mounting, wiring, and/or weather-sealing may be necessary and are the sole responsibility of the installer. Star Headlight & Lantern Co., Inc. assumes no responsibility for the integrity of the installation for this or any of its products.