

STARVISION II™

MODEL VL22 LED VISOR LIGHT



Voltage : 10-16VDC

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.

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 Headlight & Lantern Co., Inc. 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 Headlight & Lantern Co., Inc. 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.



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Mounting



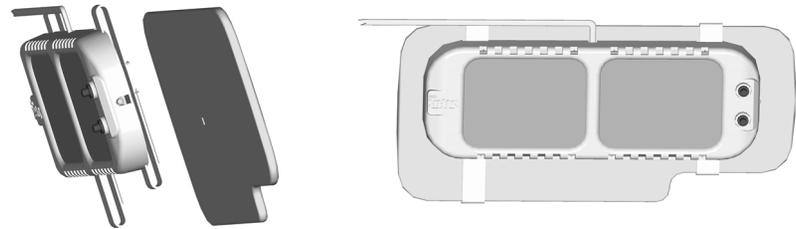
This visor light is designed to be mounted on the inside of your vehicle. It is not intended for exterior applications.

It is the sole responsibility of the owner to ensure the warning light is secure. Check your light every time you enter the vehicle to ensure that it is mounted securely. Star Headlight and Lantern Co. assumes no responsibility for the secure mounting of this light.

Place the vehicle's sun visor in the "down" position and use the two Velcro straps to attach the light to the visor, with the cigarette plug cord exiting the top of the light.

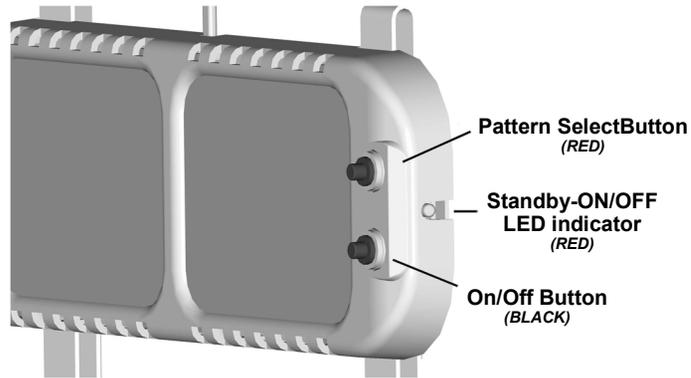
Please Note: The light **must be mounted with the power cord exiting the top of the light or the tilt-switch will not function properly.**

Route the wire across the top of the visor and down to your cigarette plug outlet



WARNING!!! Care should be taken when positioning this warning light on the visor so that the light and/or cord does not obstruct the view of the driver or does not interfere with the proper operation of the driver-side or passenger-side airbag! Failure to heed this warning may result in serious or fatal injury.

Operation



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.

ON/OFF BUTTON:

There are two push-button switches located to the right on the face of this visor light. The bottom button is BLACK and switches the unit On and Off. When the unit is switched ON, the RED LED that is located on the end of the light near the buttons, will illuminate signifying that the light is in standby mode. While in standby mode, the VL22 will remain off when the visor is in the up position. The VL22 will activate when the visor is flipped down. When the RED LED is not lit, the VL22 is OFF and will not flash in any position.

PATTERN SELECT BUTTON:

The RED push-button switch is the Pattern Select button. Each time this button is pressed, the VL22 will cycle to the next pattern. The VL22 is designed with 24 patterns. The light will cycle back to the first pattern after pattern #24.

TILT OVERRIDE:

Normally the VL22 will remain off when the visor is in the up position and it will activate when the visor is flipped down. If you would like to de-activate this feature so that the light is controlled only by the On/Off button, regardless of the visor position, hold the RED Pattern Select button until the light flashes 7 times (approximately 21 seconds). Repeat this to turn the Tilt feature back on.



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.



Pattern Programming

The RED push-button switch is the Pattern Select button. Each time this button is pressed, the VL22 will cycle to the next pattern. The VL22 is designed with 24 patterns. The light will cycle back to the first pattern after pattern #24.

Alternating Flash Pattern	Simultaneous Flash Pattern	Pattern Description	Shortcut
1	13	Flicker †	Pattern 1 (Phase 1): 3 sec or 1 flash
2	14	Fast Doubleflash †	
3	15	Tripleflash †	
4	16	PSU Flicker (default)	Pattern 13 (Phase 2): 9 sec or 3 flashes
5	17	PSU Random	
6	18	Quadflash †	Pattern 6 (Phase 1): 6 Sec or 2 flash
7	19	Quadflash w/Post-Pop †	
8	20	Singleflash †	Pattern 18 (Phase 2): 12 sec or 4 flashes
9	21	Doubleflash †	
10	22	Variable AKA Delta-Omega	
11	23	Post Pop †	
12	24	Random	
NA		Steady	18Sec

† - SAE J595 approved patterns

Pattern Shortcuts: Hold the Pattern Select button for indicated time.

Steady Burn Programming

While the light is running, hold the Pattern Select button until the light blinks 6 times (approximately 18 seconds), then release it.

- For Lights set to an alternating flash pattern (1-12), one half will become steady, while the other side flashes.
 - To change the pattern on the flashing side:** Press and release the Pattern Select button.
 - To flip-flop the steady side and the flashing sides:** Hold the Pattern Select button until the light flashes 5 times (approximately 15 seconds) and then release it.
- For Lights set to a simultaneous flash pattern (13-24), the entire light should illuminate steady burn.

To Exit Steady Burn Pattern

- Lights set to an alternating flash pattern (1-12):** Hold the Pattern Select button until the light flashes 6 times (approximately 18 seconds) and then release it.
- Lights set to a simultaneous flash pattern (13-24):** Press and release the Pattern Select button.

