256 and 240 C2 Series
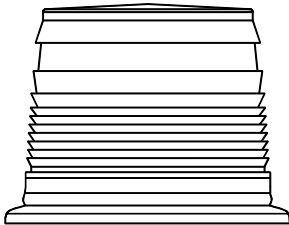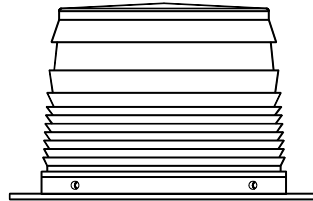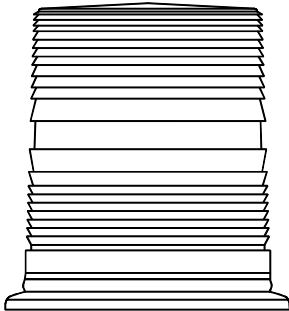## Class 2 360° LED Lights
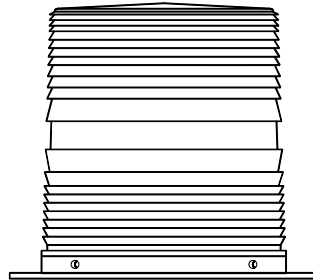### *(10-30VDC Versions)*

256TSL Series

240SFL Series

256TCL Series

240CFL Series

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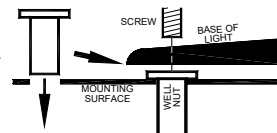
<table>
<tr><td><u>WARNING!!!</u>!</td><td>Care should be taken when positioning any warning light on the roof, dash, or instrument panel of the vehicle, so that the light and/or cord does not interfere with the proper operation of any airbags! Failure to heed this warning may result in serious or fatal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

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. <u>It is the sole responsibility of the owner to ensure the warning light is secure.</u>
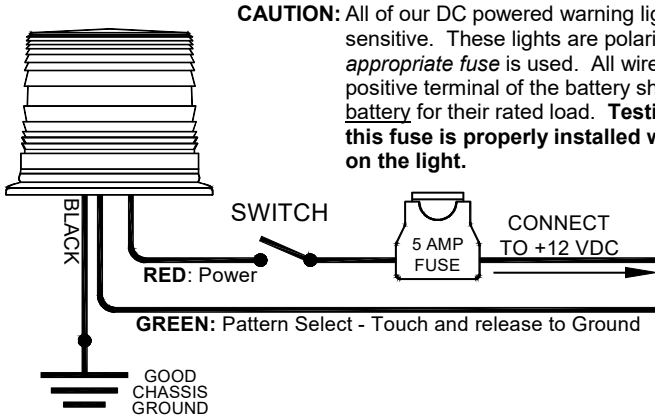
- **CAUTION:** Please be sure to check that your cigarette plug outlet is properly fused. *Testing the light before this fuse is properly installed will void the warranty on the light.*

- 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. **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 <u>at the battery</u> for their rated load. **Testing the light before this fuse is properly installed will void the warranty on the light.**

2. Your new warning light comes complete with a foam mounting gasket, and mounting hardware.

3. Many of these warning lights come equipped with a combination base, allowing the light to be either mounted on threaded conduit pipe or permanently mounted. For NPT pipe, mount the light using the threaded entrance hole in the base of the light, then skip to the *Wiring Instructions*. For the permanent mount, proceed to Step 4.

4. Using the gasket as a template, mark and drill your mounting holes. Use a drill bit appropriate for the mounting hardware you will be using. Be sure to mark and drill the center hole if you will be running your wires through the mounting surface.
   CAUTION: If you are mounting the light on a vehicle, and plan to wire it through the roof of the vehicle, remove the headliner from the inside of the vehicle. If you do not remove the headliner, take care so that you do not drill through it.

5. If using well nuts, push them through the mounting holes until the bottom side of the wider lip rests on the surface of the vehicle.

6. Install the wire grommet on the center hole (if applicable).

7. Place the light on the surface of the vehicle, routing the wires through the center hole, if necessary, install the screws through the base, into the well nuts or standard nuts, and tighten until snug.

Wiring Instructions

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 <u>at the battery</u> for their rated load. **Testing the light before this fuse is properly installed will void the warranty on the light.**

BLACK

SWITCH

RED: Power

5 AMP FUSE

CONNECT TO +12 VDC

GREEN: Pattern Select - Touch and release to Ground

GOOD CHASSIS GROUND

Pattern Programming

Depending upon your model, pressing the pattern select button on the cig plug, or touching the **<u>green wire</u>** to ground on hard-wired models, will allow you to change the flash pattern.

The unit has 26 patterns to choose from. After the final pattern is reached, the patterns will cycle through again. The UNIT will remember the pattern it was in when turned off and display the same pattern when re-activated.

POWER

PATTERN SELECT

Patterns

1. Slow Singleflash †
2. Fast Singleflash †
3. Superfast Singleflash
4. Beacon Fade
5. Pre Pops
6. Slow Doubleflash †
7. Fast Doubleflash †
8. Tripleflash †
9. Pre-Pop Tripleflash †
10. Quadflash † *(DEFAULT)*
11. Fast Quadflash w/Post Pop †
12. Quintflash †
13. Pre-Pop Quintflash †
14. Flicker
15. Delta Omega
16. Flicker-Flash
17. Super Combo/Mix Pattern
18. Slow Doubleflash, Flicker
19. Slow Doubleflash, Quadflash w/Post Pop
20. Slow Double, Quint x2, Dual Quad w/Post Pop, Flicker
21. Quadflash w/Post Pop, Tripleflash, Flicker
22. Delta Omega, Flicker, Slow Doubleflash
23. Medium Singleflash † (T13)
24. Medium Singleflash, Fast Singleflash (T13)
25. Cycle all patterns
26. Steady On

† - SAE Class 2 Approved Patterns when properly configured

(T13) - California Title 13 Approved Patterns when properly configured

Flash Pattern Shortcuts

Hold Pattern Select Button or Touch Green Wire to Ground	Light Flashes	Pattern Becomes
3 seconds	1 Flash	Pattern 1 - Slow Singleflash
6 seconds	2 Flashes	Pattern 10 - Quadflash
9 seconds	3 Flashes	Pattern 21 - Quadflash w/Post Pop, Tripleflash, Flicker

<u>Note:</u> *After programming the flash pattern, cut short and tape or cap off the Green wire so that it does not come into contact with ground or power.*