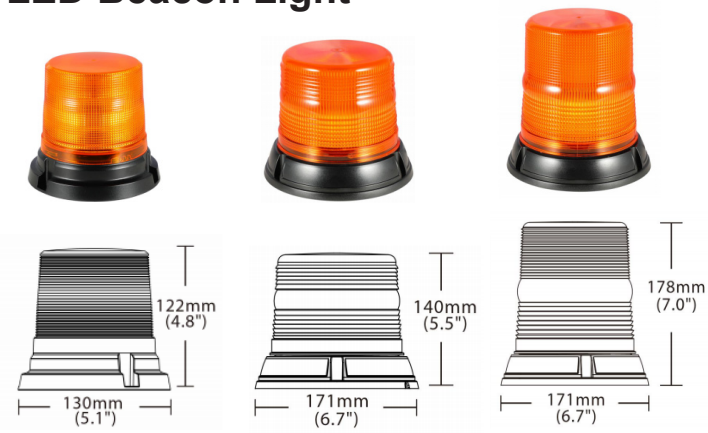
# superbrightleds.com

User Manual

***Important: Read all instructions prior to installation.***

**STB-Ax Series**

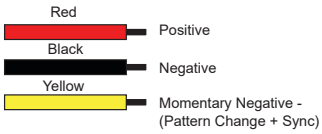
# LED Beacon Light




STB-A4 STB-A56 STB-A7

## Specifications

| Environmental Specifications | |
|---|---|
| Operating Voltage | 12–24 VDC |
| IP Rating | IP67 |
| Operating Temperature | -22°–140° F (-30°–60° C) |



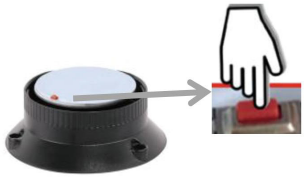

## Safety and Notes

- Ensure your vehicle's electrical system can handle the additional load. Using incompatible power sources may lead to malfunctions.
- Install beacon light in a location that does not interfere with airbags or vehicle sensors
- Recognize local laws and regulations regarding the use of beacon lights on vehicles. In some areas, specific colors, patterns, or usage restrictions may apply.
- Use considerately to maintain road safety for all motorists. Excessive use can distract other drivers.
- Ensure proper wiring: Connect the red wire to positive and the black wire to negative.
- Reverse polarity protection is included.
- Certification approvals include UKCA, CE, ECE R10, ECE R65 TA1 (White LED amber lens), CISPR 25 Class 3, and SAE J845 Class 1 (White LED amber lens).

## Flash Patterns

Cycle flash patterns with single press of red button inside light fixture or cigarette plug.

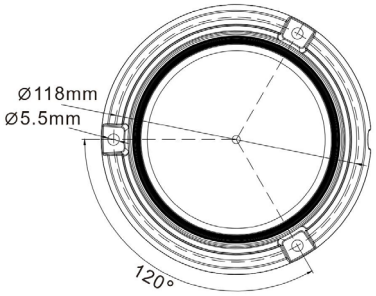
| | |
|---|---|
| 1 | Single Flash |
| 2 | Double Flash |
| 3 | Quad Flash |
| 4 | Octa Flash |
| 5 | Single Flash - Slow |
| 6 | Single Flash - Breathing |
| 7 | Rotating Flash |

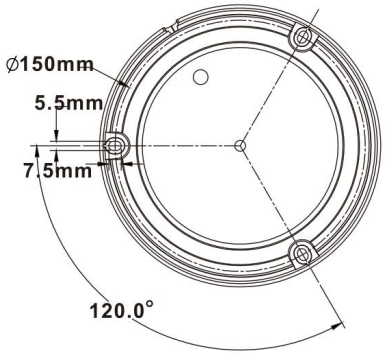
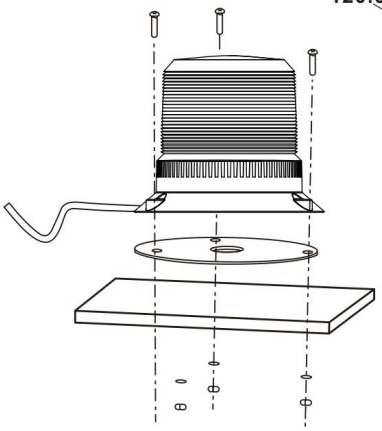


## Mounting Instructions (3-Bolt Method)

1. First gather your materials, including the beacon, three bolts, a wrench or socket set, and a drill if needed.
2. Choose a flat, unobstructed surface for mounting, and use the beacon base as a template to mark the bolt positions.
3. Drill the holes, then align the beacon base with the drilled holes.
4. Insert and tighten the bolts to secure the beacon in place.
   Note: Silicone sealant (NFXB-SEAL10ML) can be applied around the drilled holes, creating a waterproof seal between the beacon and surface.
5. Connect the red wire to the positive power supply and the black wire to the negative. If there's a yellow wire, connect it for pattern control or synchronization.
   Note: synchronization can be achieved by connecting all yellow wires together.
6. Finally, power on the beacon to test its operation, ensuring it is securely mounted and functions properly.

STB-A4




STB-A56, STB-A7