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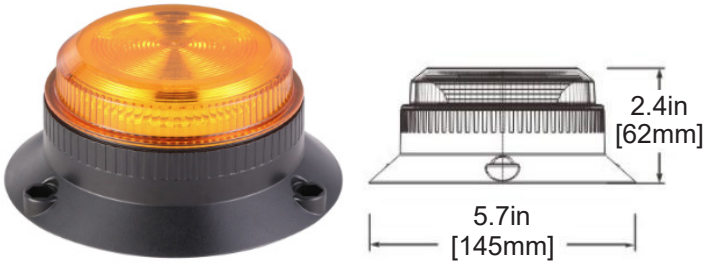
User Manual

STB-A25

Important: Read all instructions prior to installation.

LED Low-profile Beacon Light



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 ECE R65, ECE R10, UKCA, CE, and CISPR 25 Class 3 compliance.

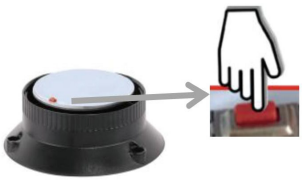
Specifications

Environmental Specifications	
Operating Voltage	12–80 VDC
IP Rating	IP67
Operating Temperature	-30 to 60°C (-22 to 140°F)

Flash Patterns

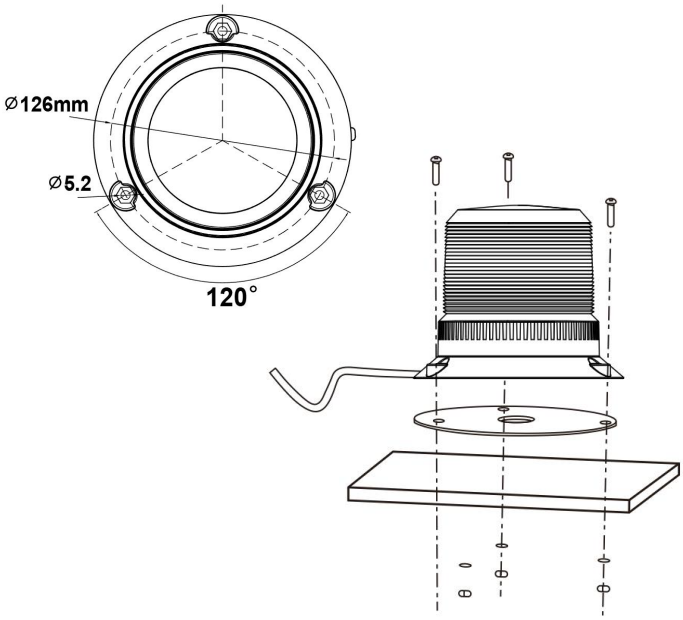
Cycle flash patterns with single press of red button inside light fixture

1	Single Flash
2	Double Flash
3	Quad Flash
4	Octa 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.
6. Finally, power on the beacon to test its operation, ensuring it is securely mounted and functions properly.



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4400 Earth City Expy, St. Louis, MO 63045 • 866-590-3533 • superbrightleds.com