superbrightleds.com

User Manual

Important: Read all instructions prior to installation.

STBC-A45

LED Caged Beacon Light

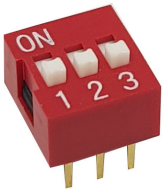
Safety and Notes

- 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.

Specifications

Environmental Specifications	
Operating Voltage	12-24 VDC
IP Rating	IP65
Operating Temperature	-20 to 50°C (-4 to 122°F)

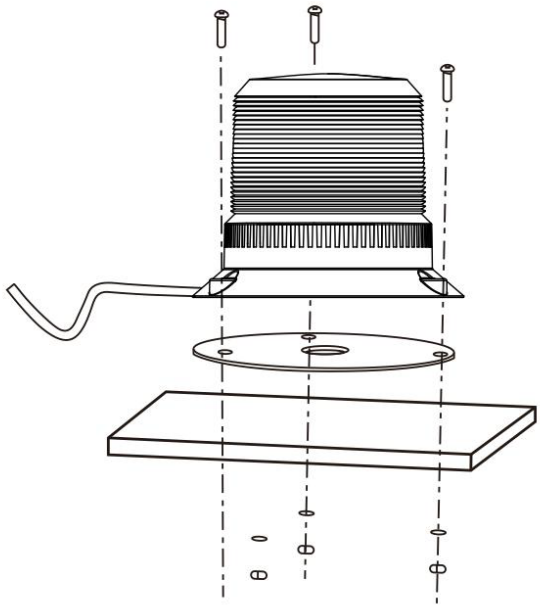
Flash Patterns



DIP Switch Settings			
1	**2**	**3**	**Flash Mode**
On	Off	Off	Rotating Flash
Off	On	Off	Six Flashing
Off	Off	On	Dual Flash

Mounting Instructions (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 holes, then align the beacon base with 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