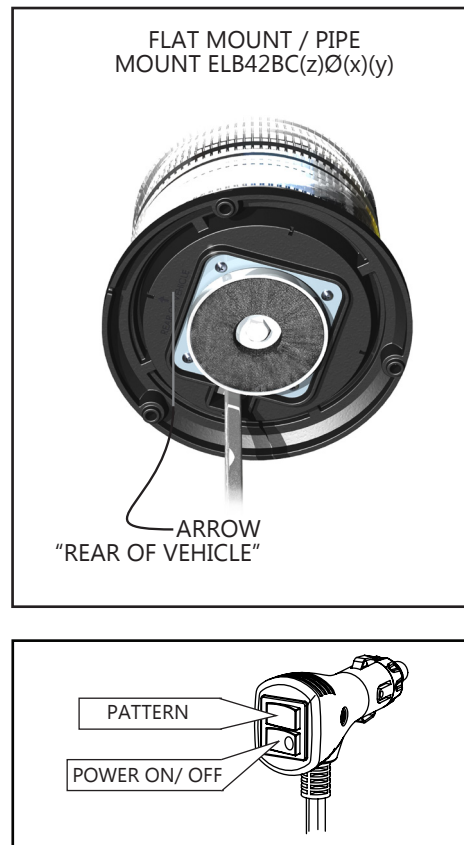


**SAE Class 1 LED Beacon**  
**ELB42BM(z)+(x)(y) Magnet Mount**  
**ELB42BC(z)Ø(x)(y) Flat/Pipe Mount**



**⚠ WARNING**

Please see reverse for Technical Specifications

- HIGH CURRENT interconnects must be properly terminated. Poor crimp quality can cause heat build-up and fire. Follow crimp connector manufacturer instructions.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to vehicle Owner's Manual for deployment zones.
- Do NOT use system to disconnect headlights, brake lights or other safety equipment.
- Unit may become hot to touch during normal operation.
- Failure to properly install connectors, fuses or wiring may cause vehicle failure or fire.
- Installation must only be performed by trained technician. Installer must determine vehicle wiring configuration and proper integration of system.
- Use proper wire gauge. All power wires connecting to positive (+) or negative (-) battery terminal or local chassis ground (-) must be sized to supply at least 125% of max. current and properly fused at power source.
- Install protective grommets when routing wire through firewall or metal.

**SoundOff**  
**Signal**

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**INSTALLATION:**

**Flat Mount**

- 1) Determine location where beacon is to be installed and drill 1/2" diameter hole at the center for cord exit.
- 2) Using the housing as a guide, mark the centers of hole positions in three places and drill appropriate pilot holes.
- 3) With wire through center of gasket, make electrical connections.
- 4) Ensure rear cord exit is in correct position and install 3 screws, being careful not to strip out pilot holes. DO NOT OVERTIGHTEN.

**Pipe Mount**

- 1) Feed wires through pipe and make electrical connections.
- 2) Screw base of beacon to pipe (clockwise.)

Beacon may be installed on a vertical pipe with 1" NPT thread.



**NOTICE:**

Installers and users must comply with all applicable federal, state and local laws regarding use and installation of warning devices.

*Improper use or installation may void warranty coverage.*

To review our Limited Warranty Statement & Return Policy for this or any SoundOff Signal product, visit our website at [www.soundoffsignal.com/tech-services/returns/](http://www.soundoffsignal.com/tech-services/returns/).  
 If you have questions regarding this product, contact **Technical Services**, Monday - Friday, 8 a.m. to 5 p.m. or after hours 5 p.m. to 8 p.m. ET at **1.800.338.7337** (press #4).  
 Questions or comments that do not require immediate attention may be emailed to [techservices@soundoffsignal.com](mailto:techservices@soundoffsignal.com).

**OPERATION:**

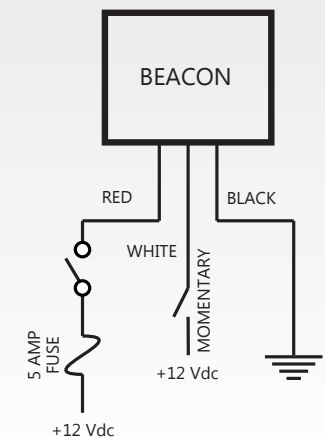
**Magnet Mount**

- 1) Place beacon on roof of vehicle.
- 2) Route wire through window.
- 3) Plug into 12V socket.
- 4) Refer to diagram at left for POWER ON/OFF switch and Pattern Select switch locations.
- 5) Turn beacon ON by pressing the POWER ON/OFF switch to the ON position.
- 6) With beacon ON, momentarily press PATTERN SELECT switch to change pattern.
- 7) Press and hold Pattern switch for 5 seconds for master reset.

**Flat / Pipe Mount**

- 1) Connect wires as shown below and should be taped after pattern is selected.

NOTE: THE WHITE WIRE, USED FOR PATTERN SELECTION, IS FOR MOMENTARY TO 12VDC.



**SUPERIOR CUSTOMER RELATIONSHIPS. SMARTLY DESIGNED LIGHTING & ELECTRONIC SOLUTIONS.**

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Flash Patterns				
Alternating Patterns	1 Light	Simultaneous 2 Lights	X-Pattern 4 Lights	FPM (Flashes per Minute)
1. Warp	x	x		240
2. Quad Flash	x	x		81
3. Quint	x	x		71
4. Double Flash	x	x		71
5. Quad2 Flash	x	x		67
6. Warp <sup>2</sup>	x	x		59
7. E-Ideal Single Flash	x	x		63
8. U <sup>2</sup>	x	x		135
9. Power Pulse	x	x		182
10. Road Runner	x	x		113
11. Slow Runner	x	x		70

Factory Default Setting

**Replacement  
Parts & Accessories:**

E36ØBG4: Metal Branch Guard for 4" Low Dome  
E36ØBG6: Metal Branch Guard for 6" High Dome  
E36ØDC6: Clear Dust Cover for 4" Low and 6" High Dome  
ET2BLL(x): Replacement 4" Low Dome  
ET2BLT(x): Replacement 6" High Dome  
PE2BBDR2: Black Dress Ring

TECHNICAL SPECIFICATIONS	
Overall Dimensions:	4.86"H x 6.35"n
Flash Patterns:	11 flash patterns
Input Voltage Range:	9 - 30 Vdc
Current Consumption:	less than 2 amps
# of LEDs:	8 Generation 4 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Cord Length Permanent:	18"
Cord Length Magnetic:	140"

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**BEACON LIGHT SYNC CONFIGURATION  
INSTRUCTIONS:**

**Set Pattern**

- 1) With power connected and light flashing, momentarily tap WHITE wire to 12 Vdc
- 2) Repeat until desired pattern is reached

**Reset Pattern**

- 1) Apply WHITE (sync) wire to 12 Vdc for 5 seconds to select Factory Default Setting
- 2) Remove WHITE wire to terminate

**NOTE: SYNC IS AVAILABLE FOR SIMULTANEOUS FLASHING ONLY, NOT ALTERNATING**

