

# ENFORCER®

## LED Strobe Lights Manual



(SL-1301-SAQ shown)



Color \ LEDs	6 LED	32 LED	54 LED
<b>Red</b>	SL-1301-EAQ/R	SL-1301-BAQ/R	SL-1301-SAQ/R*
<b>Blue</b>	SL-1301-EAQ/B	SL-1301-BAQ/B	SL-1301-SAQ/B*
<b>Amber</b>	SL-1301-EAQ/A	SL-1301-BAQ/A	SL-1301-SAQ/A*
<b>Clear</b>	SL-1301-EAQ/C	SL-1301-BAQ/C	SL-1301-SAQ/C*
<b>Green</b>	SL-1301-EAQ/G	SL-1301-BAQ/G	SL-1301-SAQ/G*

\*Includes a built-in 100dB siren

### All Models:

- Utilizes high-intensity LEDs
- Operating life of over 50,000 hours (over 5.7 years)
- Same size as the SL-126Q strobe light
- Simple 2-wire installation
- 5 lens colors available for each model
- Weather resistant
- High-impact resistant case
- High-impact and heat-resistant lens
- Reverse polarity protection
- Visible in all directions

### BAQ series includes all features of the EAQ plus:

- 5 Vertical LED strips (32 LEDs total) increase visibility from various directions
- 8 Different flashing patterns and adjustable duty cycle
- Adjustable flashing speed
- Backup battery available for continuous lighting applications

### SAQ series includes all features of the BAQ plus:

- 10 Vertical LED strips (54 LEDs total)
- Built-in 100dB siren (programmable)

# ENFORCER LED Strobe Lights

## Introduction:

ENFORCER LED Strobe Lights provide all the functions of a regular strobe light and much more. Each has an operating life of 50,000 hours—over 160 times that of a regular strobe light. No more bulbs to replace! There are three models—with 6–54 LEDs. The BAQ series and SAQ series include a unique placement of LEDs making the light more visible from various directions, a 9V backup battery option making them ideal for continuous lighting applications, and 8 selectable strobe patterns, adjustable duty cycle, and adjustable strobe speed. The SAQ series also includes a built-in 100db siren.

## Parts List:

1x LED Strobe Light    1x Adhesive gasket\*    2x Mounting Screw with "O" rings    1x Manual

\*SL-1301-EAQ only

## Specifications:

Model		SL-1301-EAQ	SL-1301-BAQ	SL-1301-SAQ
Vertical LED strips		0	5	10
Total number of LEDs		6	32	54
Operating voltage		9~15 VDC	9~24 VAC/VDC	
Current drain @12VDC (max)	Rotate clockwise	N/A*	70mA	90mA†
	Strobe	150mA	350mA	550mA†
	Steady ON	N/A*	350mA	550mA†
	Flash with progressive ON	N/A*	350mA	550mA†
	Rotate back and forth	N/A*	70mA	90mA†
	Flash with progressive ON/OFF	N/A*	350mA	550mA†
Adjustable flash pattern		No*	Yes	
# of flash patterns		1*	8	
Adjustable flashing speed	Maximum setting	Fixed	260 times/min	
	Minimum setting	120 times/min	80 times/min	
Operating life		Over 50,000 hours (over 5.7 years)		
Backup battery function†		No	Yes	
Backup battery life†	Steady ON	N/A	Up to 1 hours§	Up to 45min§
	Strobe/Flashing	N/A	Up to 3 hours§	Up to 1.5 hours§
Operating temperature		-4°~144° F (-20°~65° C)		
Electrical protection		Reverse polarity protected		
Built-in siren		No		Yes (100dB)
IP rating (when installed properly)		IP64	IP66	IP55
Base		High-impact resistant black ABS		
Lens		High-impact heat-resistant acrylic		
Dimensions		ø3 <sup>15</sup> / <sub>16</sub> "x3 <sup>1</sup> / <sub>8</sub> " (ø100x79mm)		

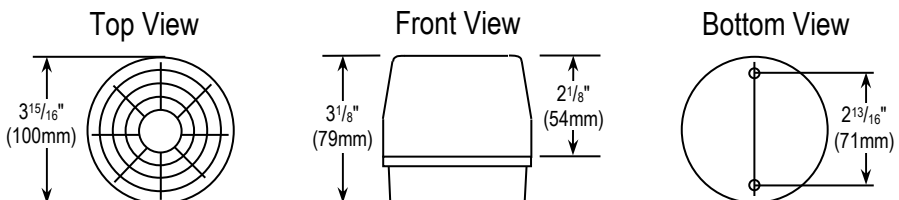
\*SL-1301-EAQ series has strobe only

†With siren enabled

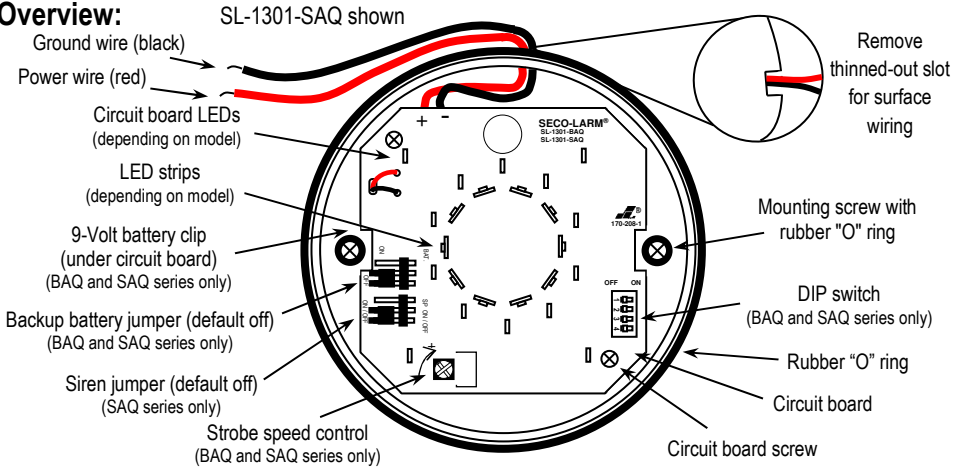
‡9VDC battery not included

§Estimated, depending on mode

## Dimensions:



## Overview:



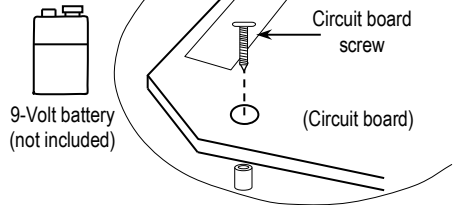
## Installation:

1. Before starting, please read this manual carefully and keep it for future reference.
2. Be sure to use the LED strobe light within the given electrical limits.
3. Decide where the LED strobe light is to be mounted. Use a pencil to mark the location of the two mounting screws.
4. Drill a hole through the wall or surface where the LED strobe light is to be mounted. Run the ground (black) and power (red) wires through the wall.  
**Note:** For surface wiring applications, remove the thinned-out slot with a pair of pliers.
5. Connect the wires to their respective locations on an alarm control panel or other security panel.
6. Remove the lens and mount the LED strobe light (with adhesive gasket for SL-1301-EAQ) to the surface using the two included mounting screws with rubber "O" rings. **If screws are fastened too tightly, the "O" rings will be damaged.** (SL-1301-EAQ series skip to step 10)
7. Select the flash pattern and flash duty cycle using the DIP Switch (see back page for details) and adjust the speed using the strobe speed control (clockwise to increase, counterclockwise to decrease).
8. Set the siren (SL-1301-SAQ only) to on or off using the siren jumper.
9. If needed, install backup battery. (See below.)
10. Replace lens. **If lens is fastened too tightly, the "O" ring will be damaged.**

## Backup Battery (SL-1301 BAQ/SL-1301-SAQ series only)

For continuous lighting applications, the backup battery will power the LED strobe light in the event of a power loss.

1. Use a screwdriver to loosen the circuit board screws.
2. Carefully remove and flip the circuit board. The battery holder is attached at the back side of the circuit board.
3. Connect a 9-Volt battery to the battery connector.
4. Replace circuit board and circuit board screws.
5. Turn the backup battery on via the backup battery jumper.



## Troubleshooting:

The LED strobe light does not turn on

- Check the LED strobe light's power source

The LED strobe light does not flash correctly

- Disconnect power, configure correct flash pattern, and reconnect power

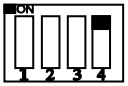
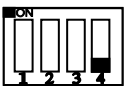
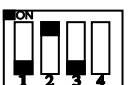
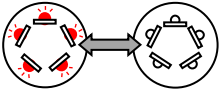











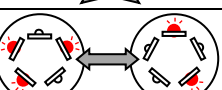

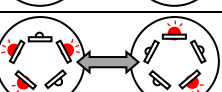
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# ENFORCER LED Strobe Lights

## Configuring Flash Pattern and Duty Cycle (SL-1301-BAQ/SL-1301-SAQ series only):

**IMPORTANT:** Before changing DIP switch, disconnect power. Reconnect power after switches are set.

Users may customize both flash pattern and duty cycle (flash patterns 1, 2, and 5 only). The "One-Eighth Duty Cycle" produces a sharper "strobe" effect more like traditional strobe lights. DIP Switch #4 controls the duty cycle for supported flash patterns. Visit [www.seco-larm.com](http://www.seco-larm.com) for a demonstration of flash patterns / duty cycle.

DIP Switch Position	Description	Flash Pattern Top View (SL-1301-BAQ Shown)
<b>A</b> 	<b>Regular Duty Cycle</b> LED on one-half / off one-half of each cycle (default) (DIP Switch #4 ON, only effective for flash patterns 1, 2, and 5)	
<b>B</b> 	<b>One-Eighth Duty Cycle</b> LED on one-eighth / off seven-eighths of each cycle (DIP Switch #4 OFF, only effective for flash patterns 1, 2, and 5)	
<b>1</b> 	<b>Strobe</b> LEDs flash on and off continuously. (default) (DIP Switch #4 controls the duty cycle)	
<b>2</b> 	<b>Rotate Clockwise</b> Light rotates clockwise in a circular fashion continuously. (Beacon) (DIP Switch #4 controls the duty cycle)	
<b>3</b> 	<b>Steady ON</b> All LEDs stay on. Ideal for continuous lighting applications.	
<b>4</b> 	<b>Flash with Progressive ON</b> LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off.	
<b>5</b> 	<b>Rotate Back and Forth</b> LED groups light up one at a time clockwise then counterclockwise. (DIP Switch #4 controls the duty cycle)	
<b>6</b> 	<b>Flash with Progressive ON/OFF</b> LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise.	
<b>7</b> 	<b>Opposite Quarters Flashing Continuously</b> LEDs in opposite quarters flash alternately, repeating continuously.	
<b>8</b> 	<b>Opposite Quarters Flashing with Pause</b> LEDs in opposite quarters flash alternately for 8 cycles, pause for 2 cycles, and then repeat the pattern.	

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