

## Features


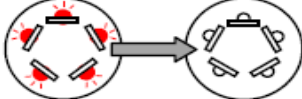










- Operating life over 50,000 hours (over 5.7 years)
- Simple 2-wire installation
- High-impact resistant case
- High-impact and heat-resistant lens
- Weather resistant
- Reverse polarity protection
- 5 lens colors available: Amber, Blue, Green, Red and Clear
- 10 Vertical LED strips (54 LEDs) increase visibility from various directions
- 6 different flashing options, plus adjustable flashing speed
- Backup battery available for continuous lighting applications
- Built-in 100dB siren (programmable)



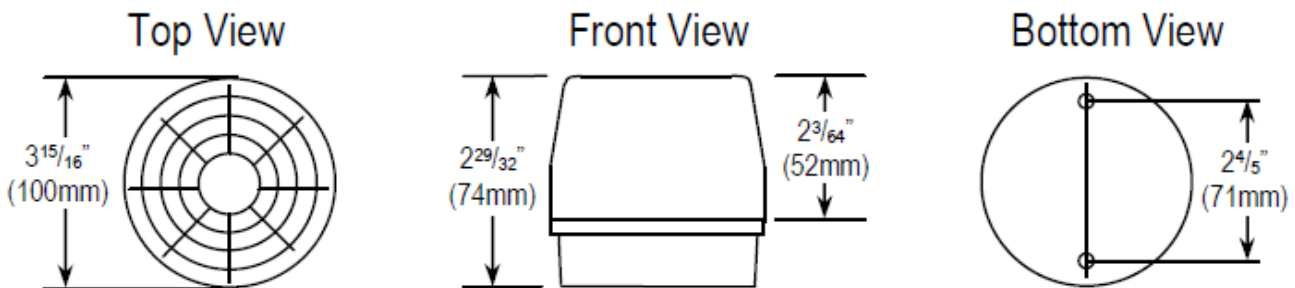
## Specifications

<b>Operating Voltage</b>	10~24 VAC/VDC
<b>Current Draw (Max.)</b>	90~550mA
<b>No. of Flash Patterns</b>	6
<b>Flashing Speed</b>	Adjustable 30~260 times/min
<b>Vertical LED Strips</b>	10
<b>Total No. of LEDs</b>	54
<b>Backup Battery</b>	Steady ON - Up to 2 hours. Strobe flashing - Up to 2 hours.
<b>Operating Temperature</b>	-4°~144° F (-20°~65° C)
<b>Electrical Protection</b>	Reverse polarity protection
<b>Built-in Siren</b>	Yes - 100dB
<b>Operating Life</b>	Over 50,000 hours (over 5.7 yrs.)
<b>IP Rating</b>	IP55
<b>Dimensions</b>	3-15/16" x 2-29/32" (100 x 74 mm)

**IMPORTANT: Before changing flash pattern, disconnect power. Change flash pattern before reconnecting power.**

DIP Switch Position	Description of Flash Pattern	Top View (SL-1301-BAQ Shown)
1 	<b>Strobe</b> LEDs flash on and off continuously. (Default setting)	
2 	<b>Rotate Clockwise</b> Light rotates clockwise in a circular fashion continuously. (Beacon)	
3 	<b>Steady ON</b> All LEDs stay on. Ideal for continuous lighting applications.	
4 	<b>Flash with Progressive ON</b> LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off.	
5 	<b>Rotate Back and Forth</b> LED groups light up one at a time, rotating clockwise and counterclockwise.	
6 	<b>Flash with Progressive ON/OFF</b> LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise.	

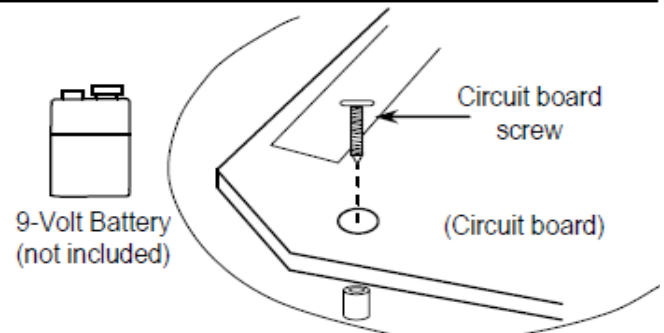
## Dimensions:



## Backup Battery

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:

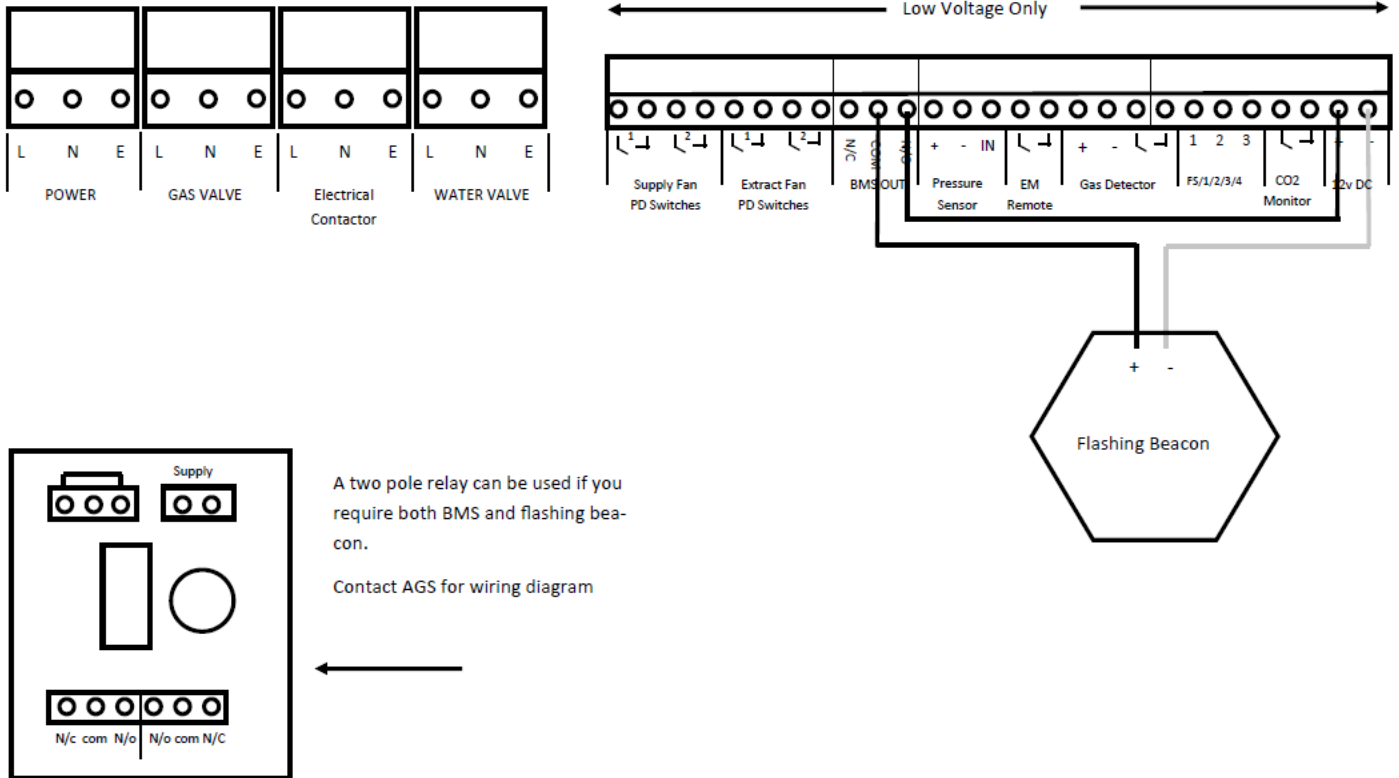
The LED strobe light does not turn on

- Check the LED strobe light's power source

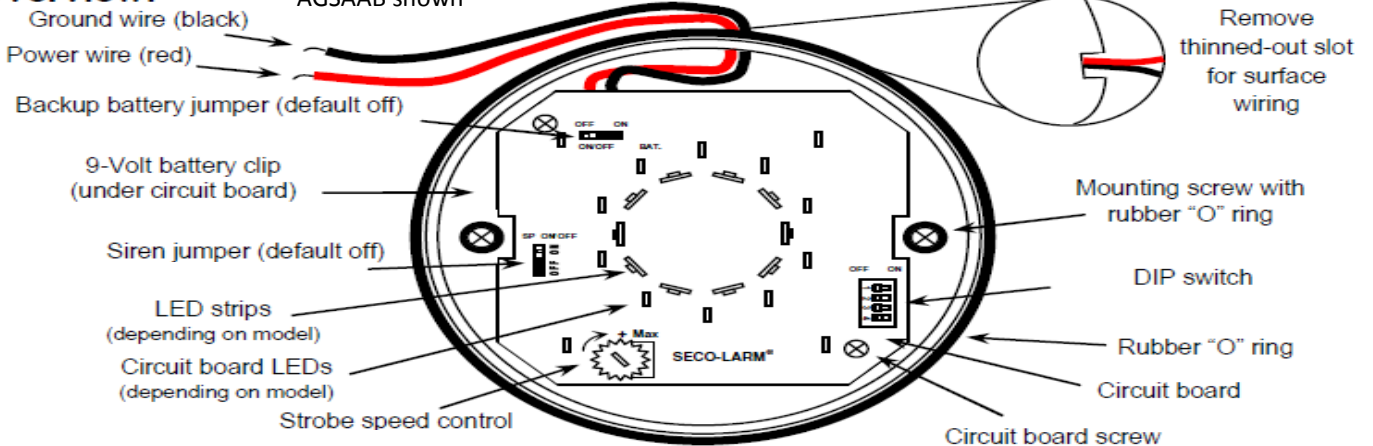
The LED strobe light does not flash correctly

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

### AGS Merlin Panel With AGSAAB Wiring Diagram



### 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 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.**
7. Select the flash pattern 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 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.**