

## SECOR® Large Warning Strobe with Built-in Siren - ML100

### Introduction

This Secor Strobe light provides many more functions compared to a regular strobe light. With 55 LEDs in use, it is much brighter and more visible from various angles. A 9V backup battery (not included in the package) option also makes it ideal for outdoor lighting applications. There are 6 selectable LED flashing or rotating patterns with adjustable strobe speed. It also has a built-in siren which can be controlled separately from the strobe.

### Installation

Please read this manual carefully and keep it for future reference.

1. Decide where the LED strobe light is to be mounted. Use a pencil to mark the location of the two mounting screws.
2. 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.
3. Connect the wires to an alarm control panel or other control panel.
4. Remove the lens by turning the lens anti-clockwise; mount the LED strobe light to the surface by using the two included mounting screws. .
5. Select the flashing and rotating pattern by using the DIP Switch and adjust the speed by using the blue resistance pot (clockwise to increase, counterclockwise to decrease).
6. If siren is needed, set the on-board SP jumper to ON position
7. If battery is needed, unscrew the PCB, plug in the 9V backup battery, and set the on-board BAT jumper to ON position

### Specifications

- Operating voltage: 9-30VDC
- Max current: 650mA
- IP65
- Siren sound pressure: 100dB/m
- Diameter/height: 100/52mm or 100/74mm if including base
- Operating temperature: -20 – 60°C
- Lens color:
  - ML100BL – blue
  - ML100RD – red
  - ML100AM – amber
  - ML100GN - green

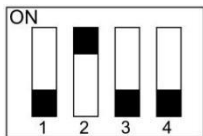
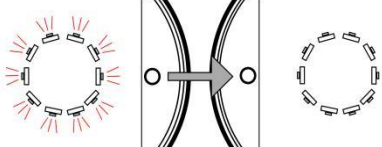
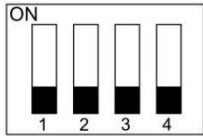

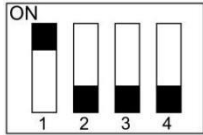
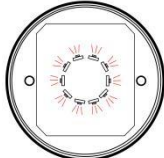
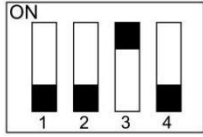

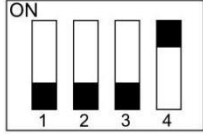

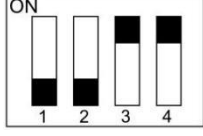

## Wiring

Strobe connection      red wire 12V+, shared black wire 12V-

Siren connection      blue wire 12V+, shared black wire 12V-

## Flashing and rotating pattern selection using DIP settings

Note: before setting, please make sure the power is off.

DIP switch position	Flashing Pattern type	Description	Image
	Strobe	LEDs flash on and off continuously.	
	Rotate Clockwise	Light rotates clockwise in a circular fashion continuously – beacon.	
	Steady ON	All LEDs stay on.	
	Flash with Progressive ON	LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off.	
	Rotate Back and Forth	LED groups light up one at a time, rotating clockwise and counterclockwise.	
	Flash with Progressive	LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise.	

## Flashing speed adjustment

Turn the blue resistance pot clockwise to increase and counterclockwise to decrease speed.