# GENESIS INTERNATIONAL, INC.

## WALL MOUNT STROBE
### *INDOOR / OUTDOOR EXTENDED TEMPERATURE WITH OPTIONAL WEATHERPROOF BACK BOX*



**12V DC / 24V DC STROBE**

### Features
• 3 settings at 12 VDC
• 6 settings at 24 VDC
• Strobe output selection view window
• Pre-wire back plate
• Universal back plate mounting (single gang, double gang, octagon, or 4" square)
• Single screw mounting
• Indoor or outdoor
• Anodized reflection for true light output
• UL and cUL listed
Patents pending
* Outdoor installation requires a NEMA 4 back box

The Genesis International, Inc. Strobe Series provides a wide range of strobe light output options in a single device. The strobe output setting is displayed through the front window and is selectable using a drum wheel. The voltage input can be either regulated DC or full wave rectified (FWR)



SELECT-A-SWITCH

12 volt or 24 volt with an operating range from 8 to 33V DC.

The Strobe utilizes a universal mounting plate that will mount on a single gang, double gang, octagon and 4" square electrical boxes.

The back plate allows the installer to mount the plate and terminate the wire connections. The strobe attaches in a hinge fashion from the top and is secured by a single mounting screw that is concealed by a cover for a clean appearance. The strobe completely covers the mounting back plate, therefore it can be mounted before other trades work is completed and not affect the final look.

The mass notification strobe is listed for indoor and outdoor installations. For outdoor installations, the device must be mounted on a matching outdoor bell back box (Optional).

### SPECIFICATIONS

**Standard Operating Temperature**
  Indoor Model     32°F to 120°F (0°C to 49°C)
  Outdoor Model    −40°F to 151°F (−40°C to 66°C)

**Strobe Flash Rate**          60 times/min.

**Nominal DC Voltage**         Regulated 12DC/FWR or regulated 24DC/FWR1

**Operating Voltage Range**    8 to 17.5V (12V nominal) or 16 to 33 V (24 nominal)

**Input Terminal Wire Gauge** 12 to 18 AWG

**Dimensions (Inches (mm))**
  **Strobe *(Including Lens)***
  6.08L × 5.0W × 2.31D (154.4L × 127W × 59D)
  **Weatherproof Back Box (Optional)**
  6.51L × 6.21W × 2.0D (165.5L × 157.7W × 50.8D)

STROBE LIGHT UL 1638 12V/24V DC    05-02-11

Engineering Specifications

The strobe shall have six (6) selectable settings. The settings shall be selectable using a drum roller and shall display the setting on the front of the device. The strobe shall operate at 12 or 24 VDC regulated or full wave rectified (FWR) and have an operating range between 8 and 33 VDC. The strobe shall utilize a mounting plate that allows the installer to pre-wire the mounting plate. The mounting plate shall be universal and mount on a single gang, double gang, o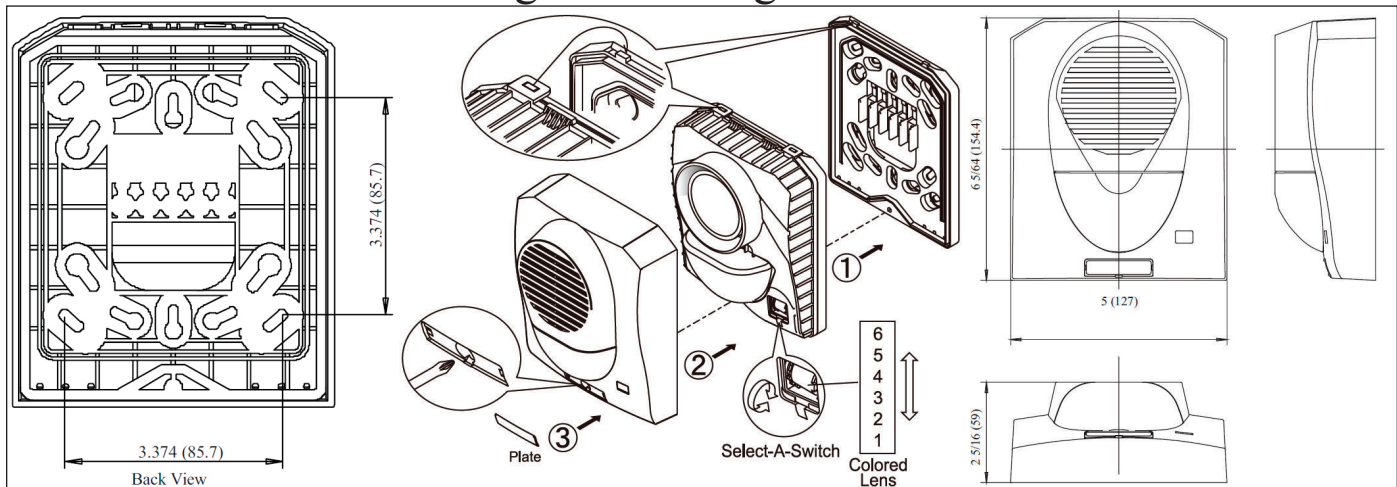ctagon or 4 inch square box. The mounting plate shall be completely covered by the strobe and shall be secured by a single screw. The device shall be listed for indoor and outdoor applications. Outdoor installations shall require a matching weatherproof bell back box. covered by the strobe and shall be secured by a single screw. Operating temperature range will be 32°F to 120°F (0°C to 49°C) for indoor installations and -40°F to 151°F (-40°C to 66°C) for outdoor installations. The strobe shall be UL listed to standard 1638. In addition, the strobes shall be cUL listed to CAN-ULC S526.
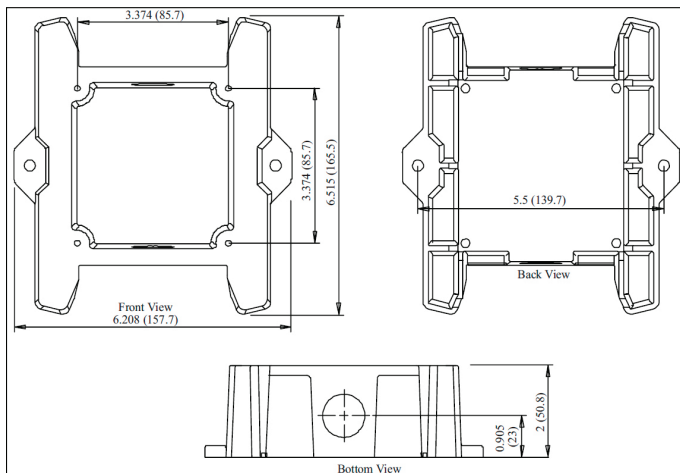
Candela Output

| Select-A-Switch | Light Output on Axis (cd) | | | |
|---|---|---|---|---|
| | Amber | Blue | Green | Red |
| 1 | 14 | 10 | 13 | 7 |
| 2 | 37 | 20 | 39 | 17 |
| 3 | 49 | 28 | 50 | 18 |
| 4 | 69 | 41 | 77 | 28 |
| 5 | 83 | 51 | 94 | 35 |
| 6 | 99 | 58 | 109 | 38 |

Strobe Current

| Setting | Max. RMS Operating Current (mA RMS) | | | |
|---|---|---|---|---|
| | Reg. 12 VDC | Reg. 12 FWR | Reg. 24 VDC | Reg. 24 FWR |
| 1 | 100 | 102 | 129 | 185 |
| 2 | 135 | 161 | 160 | 214 |
| 3 | 171 | 202 | 193 | 239 |
| 4 | NA | NA | 190 | 228 |
| 5 | NA | NA | 211 | 255 |
| 6 | NA | NA | 225 | 284 |

*Note:* All current draw shown is worst case.

## Strobe Light Mounting & Dimensions



## Weather Proof Back Box



**Strobe Part Numbers**

**Indoor (Back Box not included)**
87-0110 (White With Clear Lens)
87-0125 (White With Blue Lens)
87-0126 (White With Red Lens)
87-0127 (White With Amber Lens)

**Indoor/Outdoor (NEMA 4X Back Box)**
88-0618 (White With Clear Lens)
88-0588 (White With Blue Lens)
88-0589 (White With Red Lens)
88-0590 (White With Amber Lens)

*Please check with Genesis for the red housing option part numbers.*