

ENFORCER®

Ultra-Slim High-Intensity LED Strobe Light

SL-1313-MA4/x*

Installation Manual



With 36 flash patterns and the ability to synchronize up to 20 units, ENFORCER Ultra-Thin High-Intensity LED Strobe Lights provide an effective visual indicator for security systems, caution and hazard lighting, construction, emergency, police and security vehicles, and more. Easily change flash patterns with no tools, just a button-press. Save three favorite patterns for quick recall.

- 4 High-Intensity, 3W LEDs
- Ultra-thin, $\frac{7}{16}$ " (11.1mm), for mounting without obstruction
- Fully epoxied waterproof (IP67) and vibration-resistant design
- Up to 100,000 hours (over 11 years) of continuous use
- Reverse polarity protection
- 36 Built-in programmable flash patterns which can be quickly changed with one button-press
- Set up to 3 favorite flash patterns for quick recall
- Up to 20 units can be synchronized to flash simultaneously or alternately in 2 groups
- Flexible voltage, 12~24VDC, no need for an electrician to install
- Non-volatile memory recalls the last flash pattern used at power-up
- Self-adhesive backing or screw-mount for increased flexibility

*Replace "x" with the first letter of the desired lens color—clear, amber, blue, green, red, or active deterrent (AD) blue/red.

SECO-LARM®

Parts List

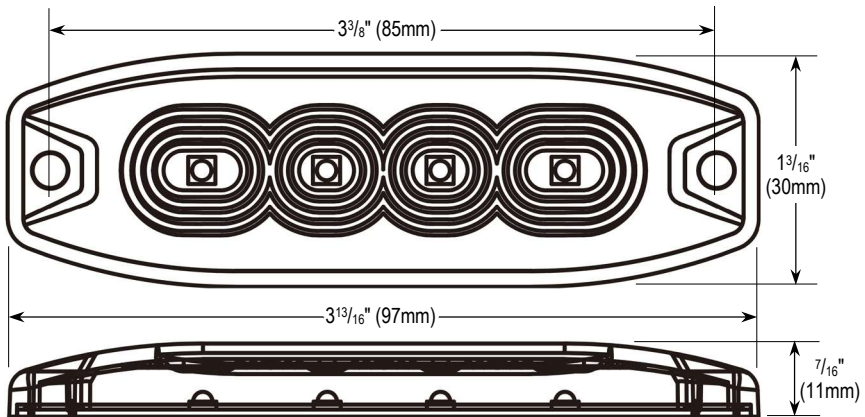
1x LED Strobe	1x Foam gasket	4x Crimp wire connectors	2x Mounting screws
4x Washers	2x Long mounting bolts	2x Short mounting bolts	4x Nuts
1x Manual			

Specifications

Type	Ultra-thin, surface-mount LED strobe
No. of LEDs	4x 3W LEDs
Operating voltage	12~24 VDC
Current draw (max.)	8W†
Flash patterns	36, Real-time selectable, up to 3 favorites
Synchronization	Simultaneous or alternating (2 groups, up to 10 devices per group)
Connectors	16" (40cm) Wire leads, 4 wires
Operating life	Up to 100,000 hours (>11 years) of continuous use
IP Rating	IP67 Waterproof, epoxy sealed
Operating humidity	Up to 95%, non-condensing
Operating temperature	-22°~140° F (-30°~60° C)
Dimensions	3 ¹³ / ₁₆ "x1 ³ / ₁₆ "x7 ¹ / ₁₆ " (97x30x11 mm)
Weight	1.4-oz (39g)

†Actual current draw will depend on voltage, LED color, and flash pattern.

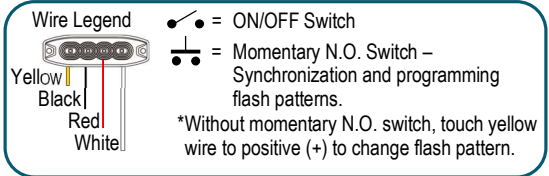
Overview



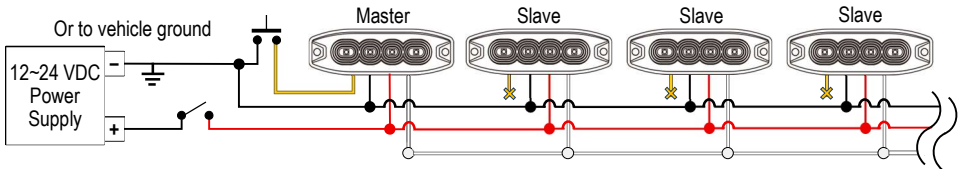
Installation

The LED strobes are triggered when 12~24 VDC power is applied.

1. Determine the location of the strobe and mark the location of the mounting holes and wiring hole for the strobe and any additional strobes using the rubber pad as a template.
2. Drill necessary holes and run wiring as needed, considering whether you want the option of dividing them into two groups as you run the wiring.
3. Connect the wiring using the crimp wire connectors and mount the units using the provided screws or the bolts with nuts/washers.
4. Apply power and test. Set flash patterns with the momentary switch (see *Setting Flash Patterns*, below).

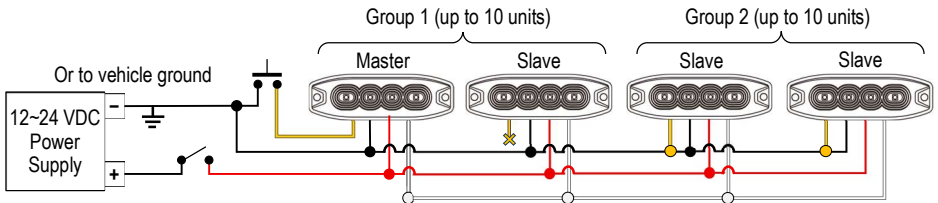


Single Group Wiring Diagram (Synchronous)



NOTE: All lights will be connected as a single group and will flash together in the set pattern.

Dual Group Wiring Diagram (Synchronous and Alternating)



NOTES:

- Lights will be divided into two groups. The yellow wire connects group 2 to the ground wire but is not connected for group 1, except for the master unit to the flash pattern selector switch.
- Depending on the flash pattern selected, the groups will flash in synchronization or alternating.

Setting Flash Patterns

To switch flash patterns (see *Flash Patterns*, pg. 4), press the momentary switch 1 second. Each press will take you to the next pattern and cycle back to the beginning after reaching the last one.

Up to 3 flash patterns can be set as favorites to make it easier to return to them. To set a particular pattern as favorite, cycle to the desired pattern and while active, press and hold the momentary switch at least 2 seconds, or until all the LEDs simultaneously light up for 1 second and then go off.

To activate the first favorite, press the momentary button twice rapidly (within 0.5s), repeating to cycle to the second, the third, and repeating.

Flash Patterns

#	Cycle Description*	c/m†
1	LEDs flash 1x (slow)	75
2	LEDs flash 1x (slow, low brightness‡)	75
3	2 LEDs left/right alternately flash (slow)	73
4	LEDs flash 1x (slow, alternating group)	75
5	LEDs flash 1x (fast)	125
6	LEDs flash 1x (fast, low brightness‡)	125
7	2 LEDs left/right alternately flash (fast)	158
8	LEDs flash 1x (fast, alternating group)	167
9	LEDs flash 2x (slow)	75
10	2 LEDs left/right alternately flash 2x (slow)	67
11	LEDs flash 2x (slow, alternating group)	68
12	LEDs flash 2x (fast)	125
13	LEDs flash 2x (fast, low brightness‡)	125
14	2 LEDs left/right alternately flash 2x (fast)	146
15	LEDs flash 2x (fast, alternating group)	150
16	Three short and one long flash	75
17	2 LEDs left/right alternately flash 3x	122
18	LEDs flash 3x (alternating group)	88
19	LEDs flash 4x (slow)	79
20	2 LEDs left/right alternately flash 4x (slow)	62
21	2 LEDs left/right alternately flash 4x (slow, alternating group)	63
22	LEDs flash 4x (fast)	125
23	2 LEDs left/right alternately flash 4x (fast)	122
24	2 LEDs left/right alternately flash 4x (fast, alternating group)	125

#	Cycle Description*	c/m†
25	LEDs flash 8x	79
26	2 LEDs left/right alternately flash 8x	62
27	LEDs flash 8x (alternating group)	63
28	LEDs flash continuously (fast)	750
29	Five long flashes and 20 short flashes	-
30	Three short and one long flash 4x (slow) Two short and four long flashes 4x (fast)	-
31	2 LEDs left/right alternately flash slowly, gradually accelerating to the fastest speed, then restarting	-
32	2 LEDs left/right alternately flash twice slowly, gradually accelerating to the fastest speed, then restarting	-
33	Three short flashes (fast) 2x Three long flashes (slow)	125
34	Flash once (slow) 4x, 2 LEDs left/right alternately flash once (slow) 4x, Flash once (fast) 4x, 2 LEDs left/right alternately flash once (fast) 4x, Repeat above but flashing twice (slow cycles 4x then fast cycles 4x), then again flashing three times (slow cycles 4x then fast cycles 4x), and continuing to increase to four times and five times then repeating.	63
35	Steady on	-
36	Standby (inactive)	-

*Assume all 4 LEDs flash together unless noted and that groups are synchronized unless "alternating group" is stated.

†Cycles per minute

‡Power saving mode

IMPORTANT: Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

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