

Installation and Operation Instructions

Tri-Color LED Strobe Lights

Kit Includes the Following:

- Lighthead with 9.5in cord
- 2X M3.5x20mm long self-tapping screws
- Flange cover
- Foam Mounting Pad
- Instructions

Part Number	LED Qty. and Colors	Overall Length (in.)	Screw Hole Spacing (in.)	Warning Mode Wire Fuse Rating (A)
8890928	9 (3 Amber / 3 Blue / 3 Clear)	3.44	2.26	1
8890929	9 (3 Amber / 3 Green / 3 Clear)	3.44	2.26	1
8891828	18 (6 Amber / 6 Blue / 6 Clear)	5.22	4.72	2
8891829	18 (6 Amber / 6 Green / 6 Clear)	5.22	4.72	2

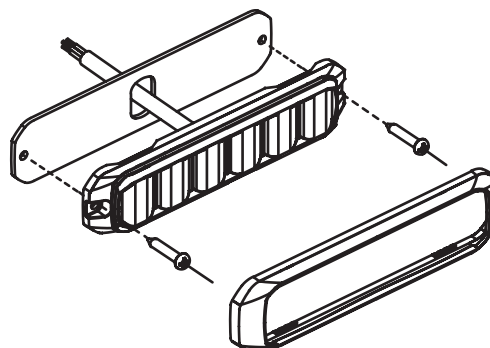
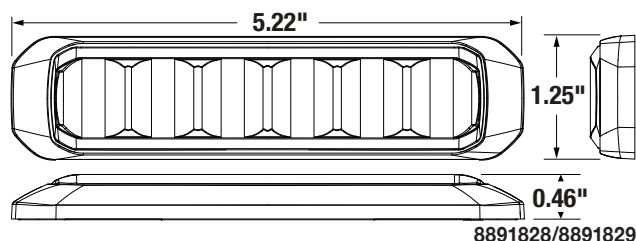
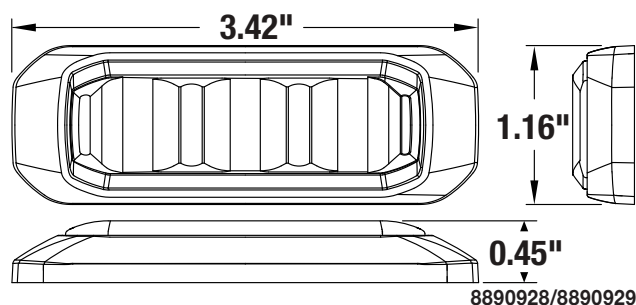
- Operating Voltage: 12VDC
- Max. Current: 0.78A

WIRING CODE

Order of Precedence: Mode3 > Mode2 > Mode1

BLACK:	TO CHASSIS GROUND (-)
RED:	+VDC FOR WARNING MODE 1 - Factory Default Color 1 & 2, FP#1
WHITE:	+VDC FOR WARNING MODE 2 - Factory Default Color 1 & 2 & 3, FP#1
GREEN:	+VDC FOR WARNING MODE 3 - Factory Default Color 3, FP#18 Steady Scene
YELLOW:	Flash Patterns & Synchronization - Connect YELLOW wires of all head together for synchronization (All heads must be set to the same pattern)

DIMENSIONS



OPERATION MODE

WARNING

Do not look directly into LEDs while in operation; this may cause momentary blindness and/or eye damage.

Flash Patterns:

While activating a warning mode, momentarily apply +VDC to **YELLOW** wire or change pattern switch:

- Once for next pattern.
- Quick three times to reset to FP#1.

FP#	Flash Patterns	FP#	Flash Patterns
1	DOUBLE [2Hz]	15	SINGLE-QUAD
2	SINGLE [2Hz]	16	SINGLE H/L
3	TRIPLE [2Hz]	17	SINGLE-TRIPLE-QUINT
4	QUAD [2Hz]	18	STEADY SCENE
5	RANDOM	19	CRUISE
6	STEADY EF*	20	SWEEP SINGLE TA
7	SINGLE [SAE][CA13]	21	SINGLE-SINGLE
8	DOUBLE [SAE]	22	DOUBLE-DOUBLE
9	TRIPLE [SAE]	23	TRIPLE-TRIPLE MID
10	QUAD [SAE]	24	TRIPLE-TRIPLE FAST
11	QUINT [SAE]	25	QUINT-TRIPLE
12	MEGA	26	7-1 FLASH
13	GIGA	27	QUAD-SINGLE
14	ULTRA [SAE]	28	QUINT-QUINT

- FP#21-28 will only operate in Dual Color Modes
- * = For use with external flash controller

Shortcut Setting for Steady EF (External Flasher):

NOTE: This shortcut changes the three trigger wires to single color and Steady EF Pattern simultaneously for independent color control via an external flasher.

Momentarily apply +VDC to **YELLOW** wire for 3 to 4 seconds (Visual feedback ON->OFF->ON) while activating a warning mode. Each warning mode will be set as:

- Warning Mode 1 = Color 1, FP#6 Steady EF
- Warning Mode 2 = Color 2, FP#6 Steady EF
- Warning Mode 3 = Color 3, FP#6 Steady EF

SETTING MODE

1. SETTING MODE lets you change Synchronization & Color Mode Settings for each Warning Mode, as well as reset all modes to Factory Default Settings at the same time. Apply **+VDC** to **RED** (or **WHITE** or **GREEN**) and **YELLOW** wires simultaneously, then remove **YELLOW** wire to enter SETTING MODE for the following settings.
2. Save and exit SETTING MODE by disconnecting the power.

For Simultaneous or Alternating Synchronization:

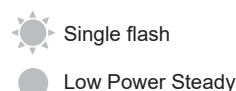
1. Each Warning Mode may be assigned to one group. Momentarily apply **+VDC** to **YELLOW** wire for more than 3 seconds.
 - a. Lights of the same Group will flash together.
 - b. Lights of Groups 1 & 5 will flash alternately.
 - c. Lights of Groups 2, 3, 4, 6, 7, & 8 can only be set by PROCONNECT™ Programmer only.
2. Save and exit SETTING MODE by disconnecting the power.

Display for Light	Group #
Single Flash	1
Double Flash	5
Three Flash	2
Four Flash	3
Five Flash	4
Six Flash	6
Seven Flash	7
Eight Flash	8

For Color Mode Setting:

1. Each Warning Mode may select and save one Color Mode. Momentarily apply **YELLOW** wire to **+VDC** for less than 3 seconds to change color and order.
 - a. Please refer to the Color Order table for which color mode is active and in what order they will cycle.
2. Save and exit SETTING MODE by disconnecting the power.

Color Order	Color Order
1 	10  →  → 
2 	11  →  → 
3 	12  →  → 
4  → 	13  →  → 
5  → 	14  →  → 
6  → 	15  →  → 
7  → 	
8  → 	
9  → 	



Reset to Factory Default Settings:

1. Apply **YELLOW** wire to **+VDC** for more than 5 seconds. The lighthouse will display fast short flashes to signify successful reset.
2. Save and exit SETTING MODE by disconnecting the power.



This product can be configured ideally by using PROCONNECT™ Programmer with desired Flash Pattern, Group (Phase), and Color Mode to save your installation time!

WARRANTY

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.