

**WARNING:** Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used **ONLY** on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.

## MOUNTING INSTRUCTIONS

**Important: DO NOT over tighten mounting screws. This could cause permanent damage to the bracket. Use appropriate hardware for mounting.**

1. Locate flat mounting location for LED3 Surface Mount LEDs.
2. Using the mounting base as a template, mark and drill pilot holes for mounting screws.  
**Note: The mounting holes will be 2.3" center to center. If the template is used for locating these holes the installer is responsible to ensure the outline shown matches the mounting base.**
3. Drill a  $\frac{9}{16}$ " hole at the location shown and ensure there are no sharp edges (see layout - do not scale).  
**Note: If possible, the back side of this hole should be deburred where drill breakthrough occurs.**

4. Route cable through horseshoe shaped hole in mounting base and slit in foam gasket. Make electrical connections (Red-power, Black-ground. White is for ID and pattern selection and will be taped after selection is made), if the final location of the cable will be inaccessible, ID and pattern selection must be made before final installation.

5. Install LED3 with #6x.75" self-threading screws making certain that no strain is put on the cable that could dislodge the seal on the back of the light. Note: Gasket must be used to prevent oxidation and galvanization of the mounting surface if differing metals come in contact.
6. When final position of unit is obtained tighten screws. **DO NOT OVER-TIGHTEN!**

**IMPORTANT: DO NOT** connect this device to a strobe power supply.

## OPERATING INSTRUCTIONS

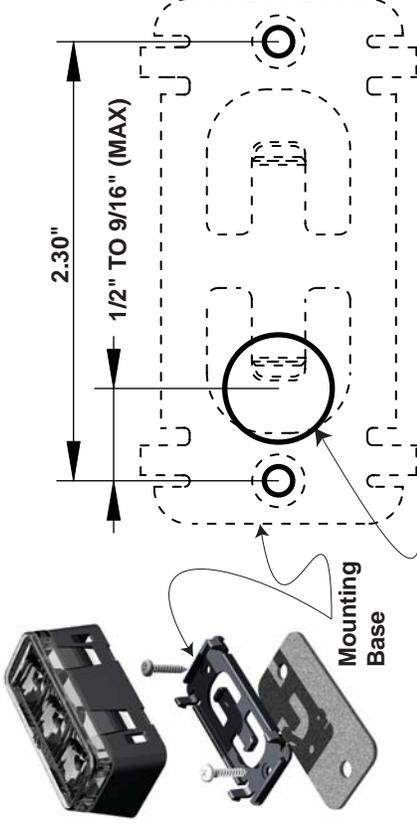
The single LED3 comes equipped with an internal flasher with 16 user selectable patterns that can be synchronized either alternating or simultaneous with up to three other lights. It can also be put into slave mode and driven through an external flasher.

1. Connect the LED3 BLACK wire to a good, convenient ground.
2. Connect the LED3 RED wire to one side of a user supplied on/off switch. Connect the other side of the switch, through a 5Amp fuse, to a source of +9-16Vdc.

## ID SELECTION

1. Identify which pattern and sequence preferred and look up ID#s on the table provided on the second page.
2. Connect the LED3 WHITE wire to the same source as the RED wire. (Note: you will need to disconnect after power is applied)
3. Turn LED3 ON
4. Without disconnecting power from unit, disconnect WHITE wire
5. Momentarily Touching and removing the WHITE wire to ground will advance the LED3 to the next ID#. The ID# can be identified by the number of sequential flashes from 1 up to 4. ID# 1 should be used if not synchronizing with other lights.
6. Once the ID is selected DISCONNECT power.

## 3 LED WARNING LIGHT ASSEMBLY INSTRUCTIONS EL3S00P(x)



Mounting  
Base

**DRILL  $\frac{9}{16}$ " DIA. HOLE  
NOTE LOCATION IN  
RELATION TO MOUNTING  
BASE**



## ⚠ WARNING

This product contains high intensity LED devices. To prevent eye damage, DO NOT stare into light beam at close range.

## PATTERN SELECTION

1. Disconnect WHITE wire from any connections if applicable.
2. Turn LED3 ON.
3. Momentarily touching and removing the WHITE wire(s) to ground will advance the LED3 to the next flash pattern. Touching and removing the White wire for more than a few seconds will allow you to change the LED3 to the previous pattern. See flash pattern table. Continuing to touch and remove the WHITE wire(s) to ground will allow you to scroll through the pattern list. After pattern #16 is reached the list will start over again at pattern #1.

**NOTE:** The LED3 is equipped with flash pattern memory. Once you have selected a pattern the LED3 will always activate to that pattern every time the unit is turned on. Tape up and secure WHITE wire so that it will not accidentally change your selected pattern.

## SLAVE MODE

The LED3 is capable of being activated through the use of a user supplied flasher by putting it in slave mode.

1. Permanently connect the LED3 WHITE and BLACK wire to a good, convenient ground.
2. Connect the LED3 RED wire, through a 5Amp fuse, to the output of a +9-16Vdc switching flasher.

**NOTE: The LED3 CANNOT be serviced in the field. Any attempt to gain access to the LED3 unit will most likely cause permanent damage and void its warranty.**

<b>CURRENT DRAWAT 12.8Vdc</b>
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<b>.5 Amps (All configs.)</b>
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## WIRE HOOK-UP TABLE

Wire Color	Connect to:
Red	+9-16Vdc
Black	Ground (-)
White	ID/Pattern Select



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# 3 LED WARNING LIGHT

## ASSEMBLY INSTRUCTIONS

### EL3S00P(x)

### Predator Sync Configuration Instructions

1. Set ID#
  - a. Identify which pattern and sequence you want and look up ID#s on table.
  - b. Connections
    - i. RED: +12Vdc
    - ii. WHT: +12Vdc (Note: you will need to disconnect after power is applied)
    - iii. BLK: Ground
  - c. Apply power to unit
  - d. Without disconnecting power from unit, disconnect WHT wire
  - e. Momentarily connect WHT to Ground to change ID #
    - i. Identify ID# by number of sequential flashes
    - ii. Possible ID#s: 1 – 4
  - f. Disconnect power from unit to get out of ID mode.
2. Set Pattern
  - a. Reapply power to units.
  - b. Once all Light Head ID#s are configured, make sure all lights are flashing the same pattern
  - c. Connect corresponding colored wires of all units together: RED to RED, etc.
  - d. Change Pattern
    - i. Momentarily connect WHT wires to Ground
    - ii. Observe pattern change on all lights connected
  - e. Insulate all wires by taping with electrical tape
3. Connect Master Switch for Application
  - a. **IMPORTANT!** Ensure WHT Pattern/Sync Wires are tied together

FLASH PATTERNS for SINGLE SURFACE MOUNT LED3 (fpm=flashes/minute)

#	Pattern Name	1 Light	2 Lights	Alternating 2 Lights	Simultaneous 2 Lights	X-Pattern 4 Lights	Flashes / Minute
1	Quint	X	X	X	X	-	70
2	Warp	X	X	X	X	-	350
3	Inter-Cycle Flash	X	X	-	-	-	-
4	Double	X	X	X	X	-	70
5	Quad Flash	X	X	X	X	-	80
6	3 FPS	X	X	X	X	-	180
7	3 FPS	X	X	X	X	-	180
8	Q-Switch	X	X	-	-	-	-
9	Warp, Steady Burn	X	X	X	-	-	350
10	Quad, Steady Burn	X	X	X	-	-	80
11	E-Pattern Single Flash	X	X	X	X	-	230
12	E-Pattern Double Flash	X	X	X	X	-	125
13	E-Pattern Single Flash	X	X	X	X	-	230
14	E-Pattern Double Flash	X	X	X	X	-	155
15	X-Warp	-	-	-	-	X	350
16	X-Double	-	-	-	-	X	70

### 1 LIGHT

Single Light Operation: Follow the ID Selection steps and set the LED3 to ID#1 if it is not already. NOTE: Steady Burn is produced for patterns 9 & 10 in Single Operation.

### X-Pattern Sequence

ID#1 > ID#4 > ID#2 > ID#3

### 2 LIGHTS

**ALTERNATING:** To obtain Alternating patterns, follow the ID SELECTION steps and set one LED3 to ID#1 and the other to ID#3. Then proceed to the PATTERN SELECTION steps.

**SIMULTANEOUS:** To obtain Simultaneous patterns, follow the ID SELECTION steps and set both LED3 lights to ID#1. Then proceed to PATTERN SELECTION steps.

### 4 LIGHTS

**X-Pattern:** To obtain X-patterns, follow the ID SELECTION steps and set one of the four LED3 lights to ID#1, one to ID#2, one to ID#3, and one to ID#4. Then proceed to PATTERN SELECTION steps. NOTE: Be sure to mount each LED3 in the correct placement based on ID#.

ID#4	ID#2
ID#3	ID#1

### X-Pattern Light Head Placement