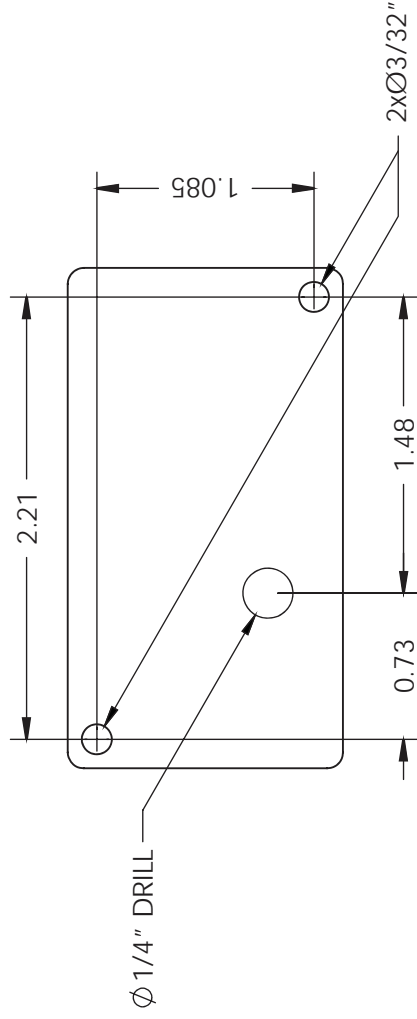


# ECE SINGLE EXTERIOR LED3 WARNING LIGHT ASSEMBLY INSTRUCTIONS EL3SN30(x)-EC



Drill Template for Mounting Holes/Cord Entry  
Template Shown Actual Size



Ø 1/4" DRILL

## Important Information:

- 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.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to your vehicle Owner's Manual for the location of any air bag deployment zones.
- DO NOT connect this device to a strobe power supply. This product is self-contained and does not require an external power supply.

## INSTALLATION:

**Important: DO NOT over tighten mounting screws or nuts. This could cause permanent damage to the light.**

1. Locate flat mounting location for the LED3 Light.
2. When the position of LED3 is determined use paper template left to drill hole locations. Screw mounting holes should be drilled using a 3/32" drill bit.
3. Make electrical connections.
4. Using supplied #6 x 3/4" screws, fasten LED3 to mounting surface. Be sure not to over tighten screws as this will cause hole in mounting surface to strip out. Be sure that supplied gasket is mounted between mounting surface and LED3.

Note: The LED3 is a factory sealed unit that 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.

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

## TECHNICAL SPECIFICATIONS

Overall Dimensions: 2.5"W x 1.375"H x 1.25"D
Input Voltage: 10-30Vdc
Current Consumption: 0.5 Amps*
Light Sync Technology: Yes
Operating Temperature: -40° to +65°C
Flash Patterns: 3

\*Pattern Dependent

## IMPORTANT INFORMATION:

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To review our Limited Warranty Statement & Return Policy for this or any SoundOff Signal product, visit our website at [www.soundoffsignal.com/sales-support](http://www.soundoffsignal.com/sales-support). If you have questions regarding this product, contact **Technical Services**, Monday - Friday, 8 a.m. to 5 p.m. at 1.800.338.7337 (press #4 to skip the automated message). Questions or comments that do not require immediate attention may be emailed to [techservices@soundoffsignal.com](mailto:techservices@soundoffsignal.com).

## OPERATION:

### WIRE CONNECTIONS

See setup procedure on second page.

The LED3 comes equipped with an internal flasher with 3 user selectable patterns that can be synchronized either alternating or simultaneous with up to three other lights.

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 3Amp fuse, to a source of +10-30Vdc.

4. To sync lights and make pattern selections see reverse side.

## WIRE HOOK-UP TABLE

WIRE COLOR:	CONNECT TO:
RED	+10-30Vdc
BLACK	Ground (-)
WHITE	ID/Pattern Select



## WARNING

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

# ECE SINGLE EXTERIOR LED3 WARNING LIGHT ASSEMBLY INSTRUCTIONS

EL3SN30(x)-EC

**NOTE:**  
The LED3 is a factory sealed unit that **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.

## ECE LED3 Sync Configuration Instructions IMPORTANT! A MAXIMUM OF 4 SINGLE OR 2 DUAL LIGHTS CAN BE SYNCED TOGETHER

1. Set ID#
  - a. Identify which pattern and sequence you want and look up ID# settings at right.
  - b. Connections
    - i. RED: +10-30Vdc
    - ii. WHT: +10-30Vdc (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 touch 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 touch 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

## 1 LIGHT

**Single Light Operation:** Follow the ID Selection steps and set the ECE LED3 to ID#1 if it is not already.

## 2 LIGHTS

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

## SLAVE MODE

LED3 does not support Slave Mode.

## PATTERN RESET

1. Remove power
2. Place WHITE (sync) wire to ground
3. With sync wire grounded, re-power RED wire
4. Maintain for one second (light will dim)
5. Remove white wire from ground (pattern 1 set)

Flash Patterns	
Flash Patterns	FPM (Flashes per Minute)
1. Single	125
2. Double	125
3. Triple	123

