

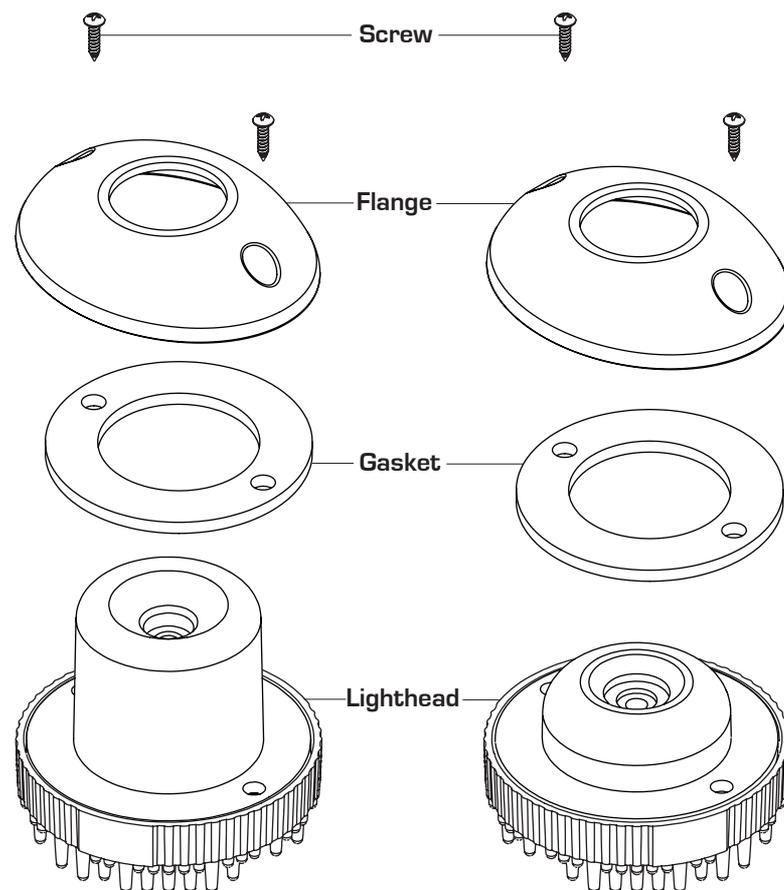
## Installation and Operational Guide

This manual serves as a guide for the Cannon LED™ hide-a-way.

### Automotive Lamp Installation Instructions:

*In this installation method, the Cannon LED will share the same reflector as the taillight, headlight or brake light. Make sure the Cannon LED does not interfere with the operation of these lights. The Cannon LED is designed to function with its inline driver.*

1. Follow OEM instructions on how to remove the headlight or taillight reflector assembly from the vehicle.
2. Locate a flat surface in the bottom of the housing and cut a 1" diameter hole in the housing with the use of a hole saw. Make sure to de-burr the hole thoroughly.
3. Place the Cannon LED into the reflector housing and mark the spot for the two mounting holes. Remove the Cannon LED and drill two, 2 mm holes.
4. Insert the Cannon LED from the back or bottom of the headlight/taillight, as close to the focal point as possible.
5. Screw in the Cannon LED using the provided hardware and secure it to the reflector assembly.
6. Remount the headlight or taillight assembly in the vehicle and follow the provided wiring instructions.



## WIRING DIAGRAM

*Note: Mode 2 overrides mode 1 and mode 3 overrides mode 2 and 1.*

### Wiring Instructions:

1. To activate the unit, extend the red (+), yellow (+) or green (+) wire to a 12V post. Extend the black (-) wire to the ground post of the vehicle's battery.

2. Momentarily connect the blue wire to the Ground (12V-) to cycle through the flash patterns.

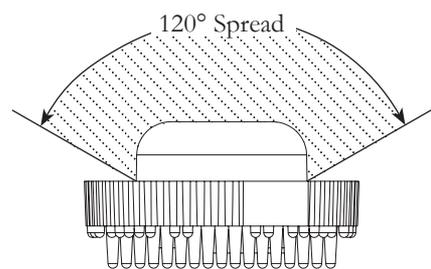
3. Synchronization: To Sync two or more light heads together:

A. Apply 12V+ power to the the red (+) yellow (+) or green (+) wire and apply 12V- to the black wire to power the unit on.

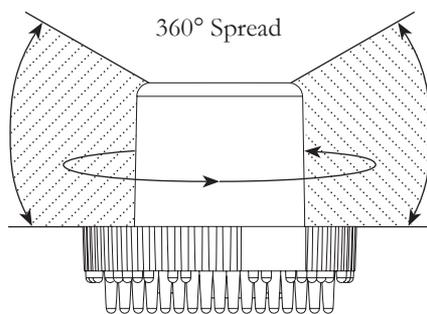
B. Cycle through all patterns by tapping the blue (flash pattern changer) wire to the activated black, ground wire until the steady burn pattern is selected.

C. Connect one of the same colored mode wires (red, yellow or green) of the two light heads together; connect the black wires of the light heads together and then connect the blue wires of the light heads together.

Wire:	Function:
Red:	Positive, Mode 1
Yellow:	Positive, Mode 2
Green:	Positive, Mode 3
Blue:	Flash Pattern Changer/Sync
Black:	Negative, Ground



□ 120°



□ 360°

### Alternate Light Heads:

D. Follow Steps A-B

E. For the light heads to alternate, one light head must be set as master and the other as slave. To do so, hold the blue (flash pattern changer) wire to ground for 3 seconds. If all LEDs turn on this indicates master mode. If half the LEDs activate this indicates slave mode.

F. Follow Step C. Change patterns by tapping the blue wire to the activated black, ground wire.

Color: □ Red □ Blue □ Amber □ White □ Green