

**Important: Read all instructions prior to installation.**

## Slim LED Strobe Light Head

### Parts Included

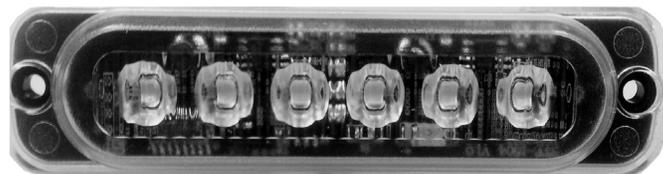
- 1 - 18 Watt LED Strobe Light Head (P-STRB-1x18)
- 1 - Instructional Sheet
- 2 - Mounting Screws

### Accessories

- Mounting Bracket (P-STRB-1BKT)
- Switch Kit (SWK-PM)
- Fuse Holder (WMFH)
- Fuse (MAF-x)
- Single Mounting Trim (P-STRB-STx)
- Dual Mounting Trim (P-STRB-DTx)

### Operation

Multiple P-STRB-1x18 light heads can be synchronized. Dual color strobes can synchronize with single color strobes (as well as other dual color strobes), in which case the patterns will match up, while the colors themselves won't. In order to sync, lights will have to be on the same pattern before syncing. Connecting the white wire to the power for one second will select next flash pattern. Lights will return to the last pattern selected when power-cycled.



### Specifications

P-STRB-1x18	
Voltage	12-24 VDC
IP Rating	IP65
Recommended Fuse Rating	2A/Light Head
Operating Temperature	-22°-185° F (-30°-85° C)
Certification	SAE J595 Class1

### Single Color Flash Patterns

Pattern	Master Light Head	Sync Light Head	Sync Notes
1	Half Steady / Half Double	As Master	Sync with Master
2	All Steady / Auto Dimming	As Master	Sync with Master
3	Random Patterns	Random as Master	Sync Pattern Changes
4	Half Single Alternate	As Master	Sync with Master
5	Half Double Alternate	As Master	Sync with Master
6	Half Quad Alternate	As Master	Sync with Master
7	Half Quint Alternate	As Master	Sync with Master
8	Half Single Mega Alternate	As Master	Sync with Master
9	Half Ultra Alternate	As Master	Sync with Master
10	Half Single Alternate / Half Quad Alternate	Random as Master	Sync Pattern Changes
11	All Single	As Master	Alternate with Master
12	Half Single Alternate / Half Mega Alternate	Random as Master	Sync Pattern Changes
13	All Single	As Master	Sync with Master
14	All Double	As Master	Sync with Master
15	All Quad	As Master	Sync with Master
16	All Quint	As Master	Sync with Master
17	All Mega	As Master	Sync with Master
18	All Ultra	As Master	Sync with Master
19	All Single / All Quad	Random as Master	Sync Pattern Changes
20	All Single / All Mega	As Master	Sync with Master

### Dual Color Flash Patterns

Pattern	Master Light Head	Sync Light Head	Sync Notes
1	Color 1 Steady / Color 2 Double	As Master	Sync with Master
2	All Steady / Auto Dimming	As Master	Sync with Master
3	Random Patterns	Random as Master	Sync Pattern Changes
4	Color 1 / Color 2 Single Alternate	As Master	Sync with Master
5	Color 1 / Color 2 Double Alternate	As Master	Sync with Master
6	Color 1 / Color 2 Quad Alternate	As Master	Sync with Master
7	Color 1 / Color 2 Quint Alternate	As Master	Sync with Master
8	Color 1 / Color 2 Mega Alternate	As Master	Sync with Master
9	Color 1 / Color 2 Ultra Alternate	As Master	Sync with Master
10	Color 1 / Color 2 Single Alternate / Color 1 / Color 2 Quad Alternate	Random as Master	Sync Pattern Changes
11	All Single	As Master	Alternate with Master
12	Color 1 / Color 2 Single Alternate / Color 1 / Color 2 Mega Alternate	Random as Master	Sync Pattern Changes
13	All Single	As Master	Sync with Master
14	All Double	As Master	Sync with Master
15	All Quad	As Master	Sync with Master
16	All Quint	As Master	Sync with Master
17	All Mega	As Master	Sync with Master
18	All Ultra	As Master	Sync with Master
19	All Single / All Quad	Random as Master	Sync Pattern Changes
20	All Single / All Mega	As Master	Sync with Master

#### WARNING

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



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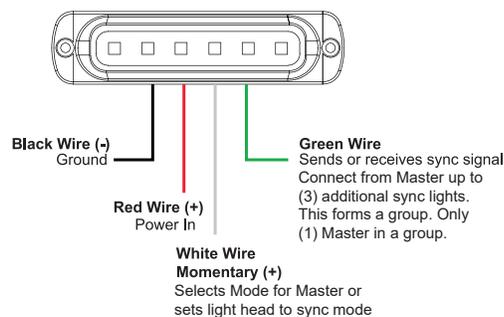
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## Slim Class 1 LED Strobe Light Head

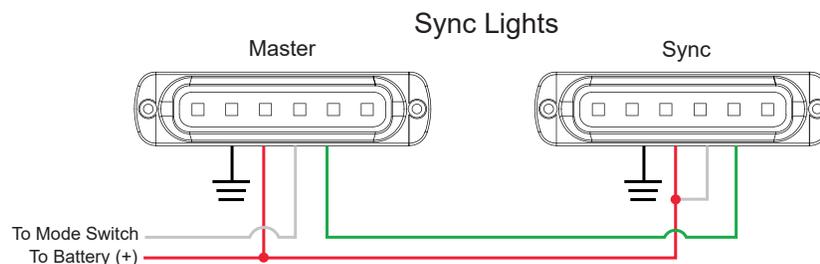
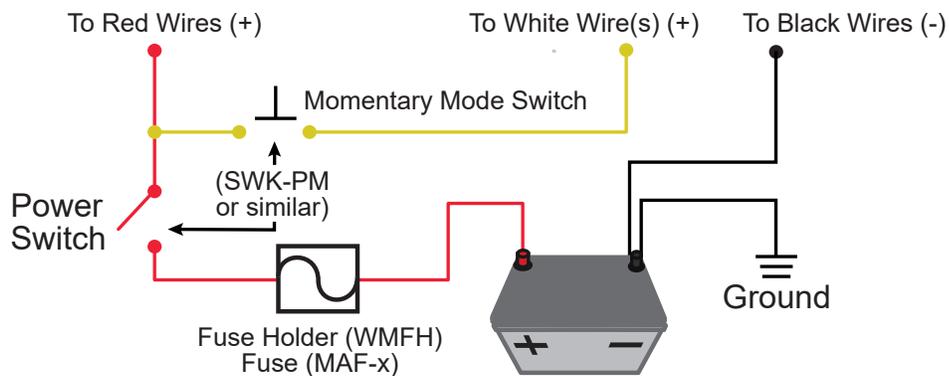
### Wiring Diagram



**Warning:** Before making any connections to the automotive wiring, always disconnect the battery negative terminal



## Strobe Light Switch and Power Supply Diagram



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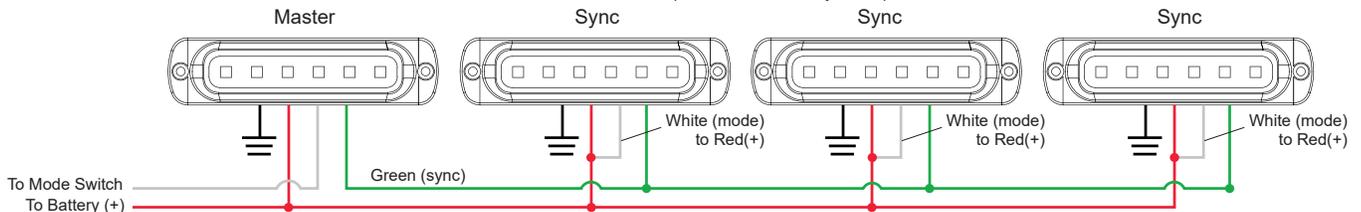
## Slim Class 1 LED Strobe Light Head

### Typical Wiring Configurations

#### Chassis Ground Systems

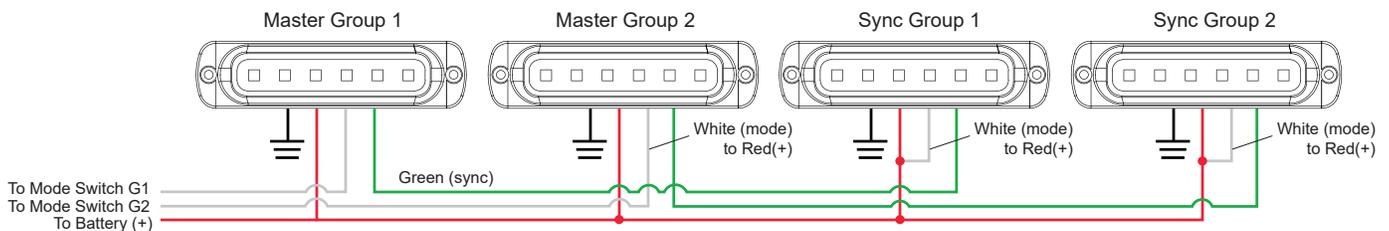
##### Single Group (4 Lights in Group)

2 Conductor Wire (Chassis Ground Systems)



##### Dual Group (2 Lights in Each Group)

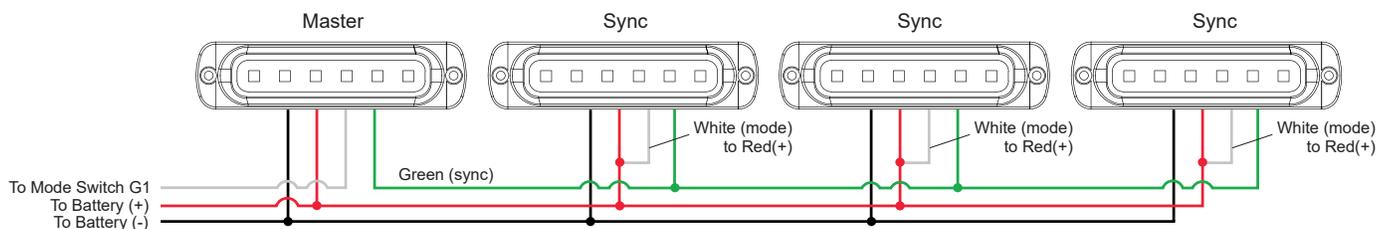
3 Conductor Wire (Chassis Ground Systems)



#### Battery Ground Systems

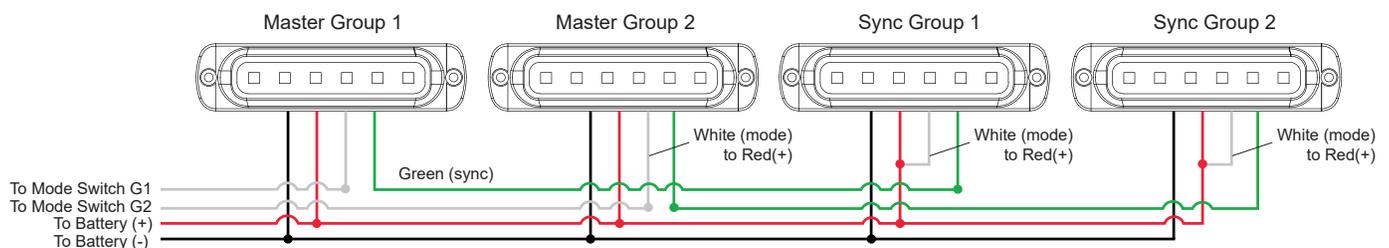
##### Single Group (4 Lights in Group)

3 Conductor Wire (Battery Ground Systems)



##### Dual Group (2 Lights in Each Group)

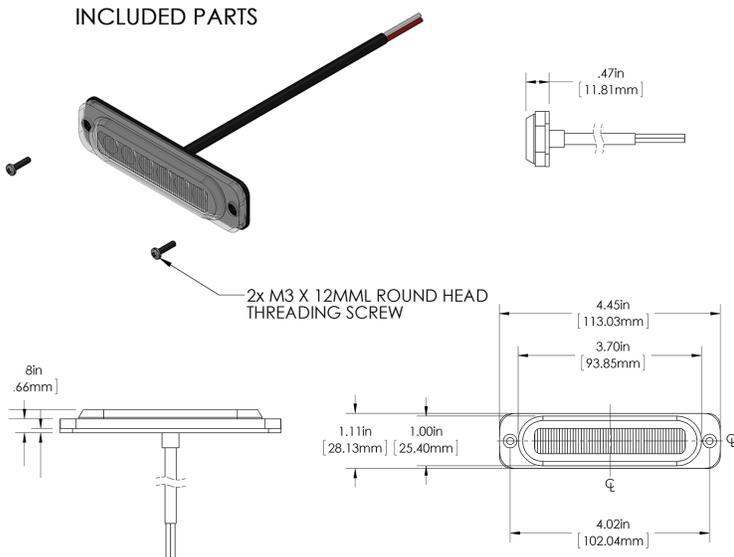
4 Conductor Wire (Battery Ground Systems)



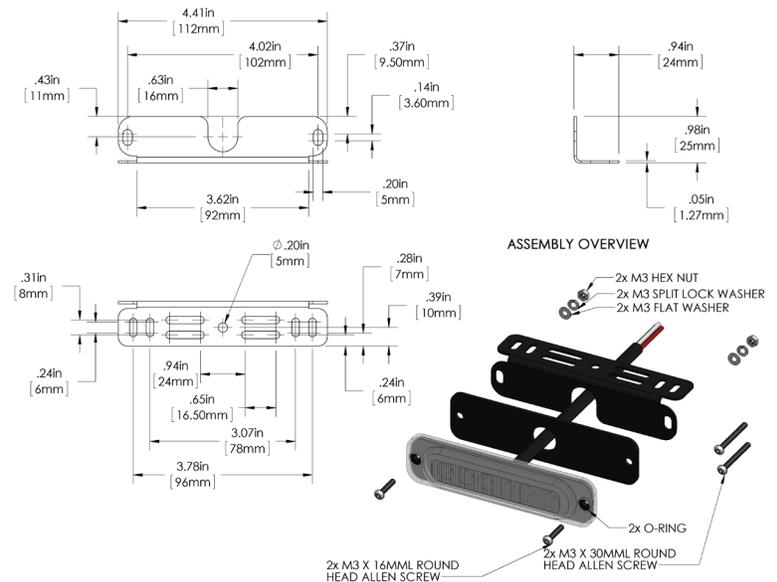
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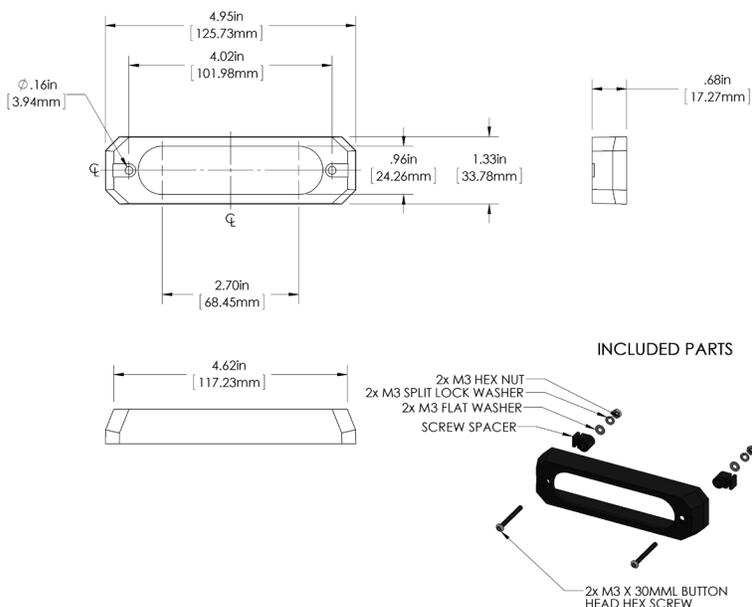
### Dimensional Diagram



### Optional Bracket Dimensional Diagram



### Optional Single Trim Dimensional Diagram



### Optional Dual Trim Dimensional Diagram

