

# BOLT2 LED LIGHT

## E1XS2SME5(xx)



### INSTALLATION

1. Establish a position on the vehicle on a level surface. Orient the light output level on the horizon.
2. Use the screw holes in the assembly as a template to mark locations of wire and mounting screws.
3. Use a 3/4" (19MM) diameter drill for the wire holes.
4. Size pilot holes for mounting screws appropriately.
5. Fasten light using mounting screws. Do not torque mounting screws beyond 10 in-lbs (1.13 N-m.)

### WIRE HOOK-UP TABLE

WIRE COLOR:	CONNECT TO:
RED	+ 10-30 Vdc (Color 1)
YELLOW	+ 10-30 Vdc (Color 2)
BLACK	(-) Ground
WHITE	Pattern Select +Vdc/ Sync
GREEN	(+) Dim/ Night Mode

### **⚠** WARNING

*Please see last page for Technical Specifications*

- HIGH CURRENT interconnects must be properly terminated. Poor crimp quality can cause heat build-up and fire. Follow crimp connector manufacturer instructions.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to vehicle Owner's Manual for deployment zones.
- Unit may become hot to touch during normal operation.
- Failure to properly install connectors, fuses or wiring may cause vehicle failure or fire.
- Installation must only be performed by trained technician. Installer must determine vehicle wiring configuration and proper integration of system.
- Use proper wire gauge. All power wires connecting to positive (+) or negative (-) battery terminal or local chassis ground (-) must be sized to supply at least 125% of max. current and properly fused at power source.
- Install protective grommets when routing wire through firewall or metal.

### NOTICE:

Installers and users must comply with all applicable federal, state and local laws regarding use and installation of warning devices.

*Improper use or installation may void warranty coverage.*

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

### **⚠** WARNING

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

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E1XS2SME5xx 0219

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TECHNICAL SPECIFICATIONS	
Voltage Range	10-30Vdc
Current Draw @ 12.8Vdc	1.1 Amps
Number of LEDs	Single Color: 9 LEDs Dual Color: 18 LEDs (9x Color 1 & 9x Color 2)
Flash Patterns	8
Operating Temperature	-40C to +65C
Dimensions	(5.5" L x 1.6" H x 0.48" D) 140mm L x 41mm H x 12.2mm D
Mounts	Surface Mount
Certifications	ECE R65 Category X, Class 2 Amber, Blue, Red SAE J595 Class 1, Red, Blue, Amber, White CA Title 13 Table I, Class B, Red, Blue, Amber ECE R10
Warranty	3 Year

Flash Patterns				
Pattern Name	ECE Pattern	SAE Pattern	CA 13 Pattern	F.P.M. (Flashes / Second)
1. Single	X	X		2.08
2. Double	X	X		2.08
3. Quad 2		X		1.12
4. Quint		X		1.18
5. Power Pulse		X		3.03
6. Road Runner		X	X	1.89
7. Slow Runner		X	X	1.16
8. Steady ON				N/A

## OPERATING INSTRUCTIONS

Connect the Red / Yellow wire to switched (+) power, Black wire to (-) Ground and all White wires from all lights together that will be sync'd.

### PATTERN RESET

Momentarily touch the White wire to (+) power for  $\geq 5$ sec.

### PATTERN SELECT

With light powered, touch White wire to Red Power wire for 1 second.

### LOW POWER DIMMING OR NIGHT MODE

Connect the Red / Yellow wire to (+) power then connect Green wire to (+) power to put light into Dim or Low Power mode.

### SIMULTANEOUS / ALTERNATING MODE SELECT

*(When synchronizing more than one light)*

Connect Red wire to (+) power so light is flashing, then Momentarily hold the White wire to (+) power for  $> 2$ sec,  $< 4$ sec to toggle between Simultaneous and Alternating sync modes.

### Color 2 Flashing / Steady Mode Select

Connect Yellow wire to (+) power so light is flashing or steady ON, then Momentarily hold the White wire to (+) power for  $> 2$ sec,  $< 4$ sec to toggle between Flashing and Steady Modes for Color 2.

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