

2017  
**AMBER  
PRODUCTS  
CATALOG**

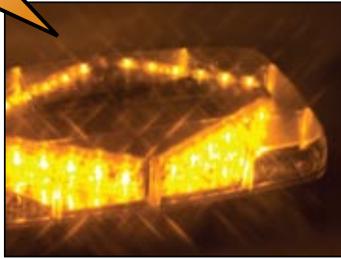


**S**oundOff  
Signal.com<sup>®</sup>  
*an employee owned company*

**NEW!**

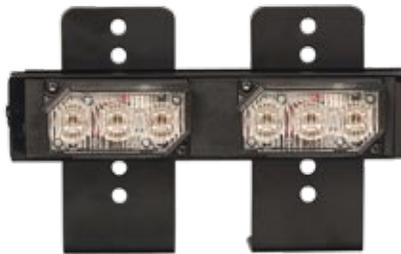
**PINNACLE**

Series Lightbars



FUSION Technology

**Lightbars Pgs. 1-10**



**Directional Lts.  
Pgs. 17-40**

**UltraLITE**



**Perimeter Lts.  
Pgs. 41-52**



**RAPTOR™**  
EXPLOSIVE POWER. EXTREME ANGLE.



**Stepwell & Curb Lts.  
Pgs. 81-82**



**Interior Lights  
Pgs. 73-74**



**Work & Area Lts.  
Pgs. 77-82**



**GHOST  
ROCK LIGHT**

**NEW!**

**MIGHTY**  
Night Light

## **Table of Contents**

### **Lightbars (NEW Products!)**

Mini Lightbars & Full Size Lightbars ..... 1-10

### **Beacons (NEW Products!)**

LED & Strobe ..... 11-16

### **Directional LED Lights (NEW Products!)**

Exterior - UltraLITE, TrafficMaster & Traffic Arrow ..... 17-22

Exterior - Dash/Deck/Grille Lights ..... 33-40

Interior - Windshield Lights ..... 25-32

Interior - UltraLITE ..... 28

Interior - Visor Lights ..... 31-32

**Switches (NEW Products!)** ..... 23-24

### **Perimeter Lighting (NEW Products!)**

Exterior - Surface/Flush Mounts & Recess Mounts ..... 41-50

Exterior Signal Lights (see web for details) ..... 51-52

### **Lighting Systems (NEW Products!)**

UnderCover™ LED & Strobe Inserts ..... 53-56

Strobe Power Supplies ..... 57-62

Flashers & Electronic Products ..... 63-72

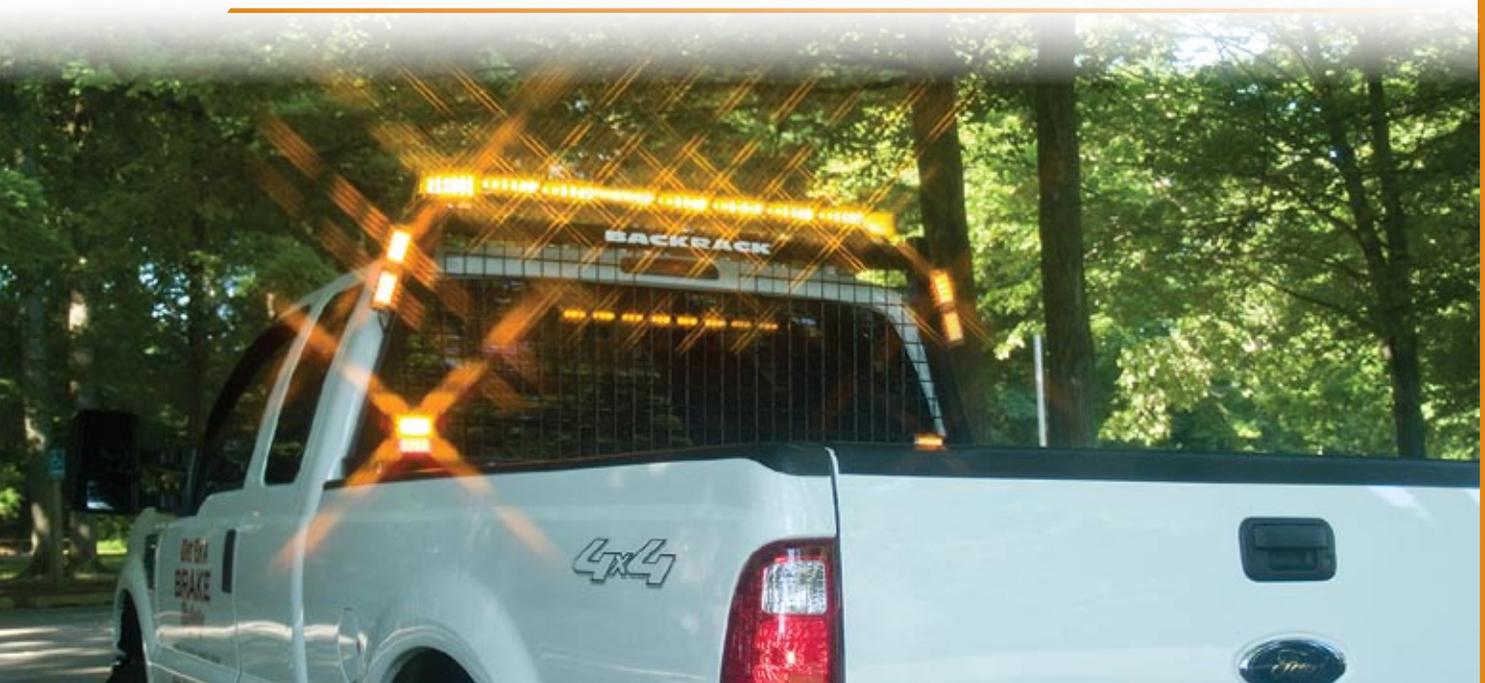
### **White Illumination (NEW Products!)**

Exterior - Area/Spot Lights ..... 85-86

Exterior - Work Lights ..... 77-82

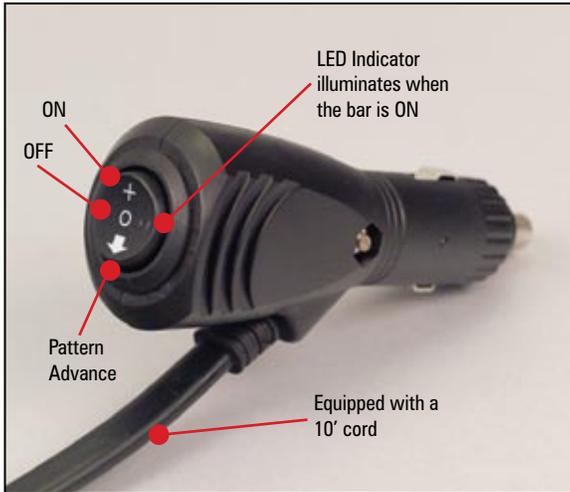
Stepwell & Curb/Entry Lights ..... 81-82

Interior - Dome & Compartment Lights ..... 73-74



**LED3 Mini Lightbar**

Magnetic Mount: #EL3MBM+(x)C  
 Magnetic Mount, 10-30 volt: EL3MBM3Ø+(x)C  
 Permanent Mount: #EL3MBPD(x)C  
 Permanent Mount, 10-30 volt: #EL3MBP3ØD(x)C



**Easy installation with 12 volt cigar plug with On/Off and Flash Pattern Advance.**



**High powered output available in four solid colors and six split color combinations.**

**LED3 & Pinnacle Mini Lightbar Colors**

-  A=Amber
-  B=Blue
-  R=Red
-  W=White
-  D=Red/White
-  E=Blue/White
-  F=Amber/White
-  J=Red/Blue
-  K=Amber/Red
-  M=Blue/Amber

Replace "(x)" in Part Number with desired color code.

# LED3

## MINI LIGHTBAR

by SoundOff Signal



Magnetic Mount shown.



- Mini Lightbar built from our popular LED3 Mini Light. Ten powerful modules are placed around the inside perimeter of the housing providing 360° of bright LED output.
- New improved Cigar Plug with 3-position rocker switch for easy selection of On, Off & Flash Pattern Advance.
- LED3 Mini Lightbar is available in 10-30 Vdc & passes certifications for SAE J845, SAE Class 1 & CA Title 13.
- Magnetic Mount has 4-85 lb. pull black powder coated magnetic feet for easy installation. Includes 12v Cigar Plug (10' wire length) with a 3-position rocker switch.
- Permanent Mount lightbar includes 12' cord w/ stripped wires for hard wire installation.
- Non-volatile memory recalls last flash pattern used upon power up.

**TECHNICAL SPECIFICATIONS**

Flash Patterns:	24
Input Voltage Range:	10 - 16 or 10 - 30 Vdc
Current Consumption:	Less than 6 amps
# of LEDs:	30 Gen3 LEDs (3 per module)
Operating Temperature:	-40° to +60°
Dimensions:	length x width x height
Bar Only	14.25" l x 8.27" w x 1.90" h
Magnetic Mount	2.78" overall height w/ 0.87" clearance
Permanent Mount	2.93" overall height w/ 1.05" clearance

**NEW!**  
10-30 volt  
coming soon!



Bar delivers 360 degrees of powerful & reliable output in 10 solid or split colors.



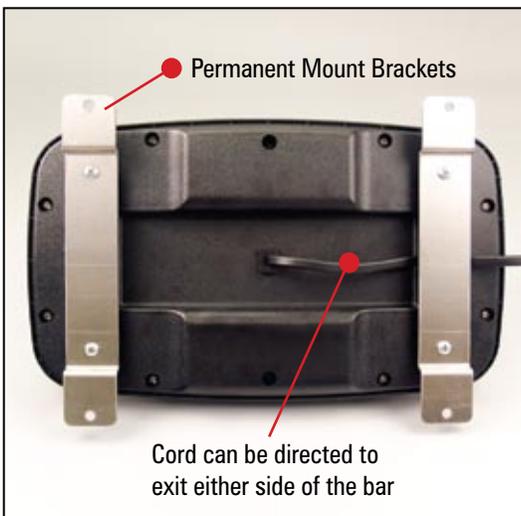
**Pinnacle™ Mini Lightbar**  
Magnetic Mount: #EPL7M+(x)C  
Permanent Mount: #EPL7PD(x)C

Magnetic Mount shown.



New Fusion Technology optics

**Pinnacle™ Mini Lightbar features our Fusion Technology optics for a bright signal.**



Permanent Mount Brackets

Cord can be directed to exit either side of the bar

**You choose the mount - Permanent Mount (shown in photo above) or Magnetic Mount.**



- Features new "Fusion Technology", an extreme, wide angle optic technology that disperses an even distribution of light with a super wide angle output.
- Lower cost mini bar is budget friendly & powerful, perfect for volunteers & fleets.
- Magnetic Mount has 4-85 lb. pull black powder coated magnetic feet for easy installation. Includes 12v Cigar Plug (10' wire length) with a 3-position rocker switch.
- Permanent Mount lightbar includes 12' cord w/ stripped wires for hard wire installation.
- Flash Patterns are easily selected with new improved Cigar Plug with 3-position rocker switch for On, Off & Flash Pattern Advance.
- Non-volatile memory recalls last flash pattern used at power up.
- Available in 4 solid & 6 split colors, see color options on opposite page.

TECHNICAL SPECIFICATIONS	
# of Flash Patterns:	28
Input Voltage:	10 - 16 Vdc
Current Draw:	0.5 amps average @ 12.8
# of LEDs:	24 Gen3 LEDs
Operating Temp.:	-40° to +65° C
Dimensions:	length x width x height
Bar Only	14.25" l x 8.27" w x 1.90" h
Magnetic Mount	2.78" overall height w/ 0.87" clearance
Permanent Mount	2.93" overall height w/ 1.05" clearance

Mini Lightbars - LED3 & Pinnacle™

1.800.338.7337 / www.soundoffsignal.com

# Pinnacle™ (Fusion Technology)

54" Amber Lens Lightbar shown.

More Lightbar information & Order Forms available at: [www.soundoffsignal.com/warnamber/lightbars/lb\\_EPL9000.htm](http://www.soundoffsignal.com/warnamber/lightbars/lb_EPL9000.htm)



FUSION Technology



SoundOff Signal Fusion Technology optics are new to the Pinnacle™ Series of Lightbars.



High bin LEDs provide reliability, brightness and color consistency. Amber Lens/Amber LED lightbar shown.

**BRACKET INFO** see pg. 7  
**TECH SPECS** see pg. 8

- Pinnacle™ Series lightbars offer our first product line featuring Fusion Technology optics. The optics are designed similar to a lighthouse to boost the light farther & wider for a brighter, more visible, safer lightbar.
- Sleek, low profile design is easy to maintain & upgrade with field replaceable modules.
- Offered in Clear or Color Lenses. Lens & LED colors include Amber, Red, Blue & Green to serve all markets.
- Custom built to your specifications in 36", 42", 48", 54" & 60" lengths. Visit [www.soundoffsignal.com/warnamber/lightbars/lb\\_EPL9000.htm](http://www.soundoffsignal.com/warnamber/lightbars/lb_EPL9000.htm) for Order Form.
- Bright, pure white LED Work lights available (2 max. in your specified location) illuminate & flood the work area.
- Pinnacle Lightbars use only high quality, high bin, super bright Gen3 LEDs for reliable, powerful output & consistent color.
- 2 Split Arrow options now available:
  - 1) **High Diode Split Arrow Modules** with 12 LEDs stacked in each arrow module. Six Diodes flash at a time in each color for an even brighter, more visible signal.
  - 2) **Low Diode Split Arrow Modules** have 6 LEDs per module & flash every other diode along the length of the bar.
- 2 mounting options to choose from: Low Profile Fixed Height Brackets (see photo top right page) or Adjustable Mount Brackets for precise mounts, see page 7 for details.
- Increased flexibility with 2 Rear Arrow Control options. 4 Wire option operates with any standard left, right or center out warning switch & is compatible with our Directional Arrow Switch (see Switches pgs. 23-24). The 8 Wire option allows 8 outputs & is compatible with other manufacturer's directional arrow controllers.
- Two Pattern Modes:
  - 1) Cruise Mode - set to your favorite pattern.
  - 2) Low Power Mode - reduces light output to 30%.

**NEW!**

# PINNACLE Lightbar



#EPL9000 Pinnacle™ Lightbar  
Clear Lens with Fixed Height Brackets.  
Amber & other color lenses available.

Can be wired for Stop/Turn/Tail

Stop/Turn/Tail



Lightbar can be wired for Stop/Tail/Turn function. Photo at left shows an Amber Lens/ Amber LED lightbar with the Turn Function activated.

LED Worklights

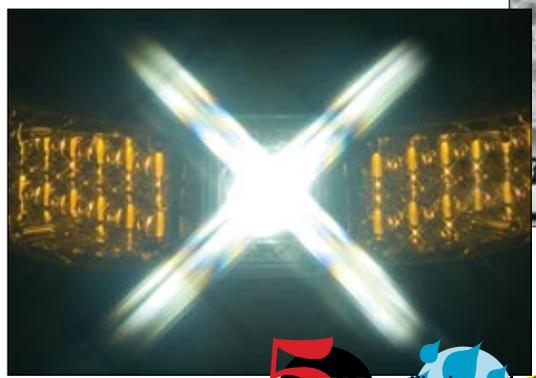
Work Light Module



Lightbars can be built to order with up to 2-Work Lights in your desired location.

LED Alley Lights

May be ordered with or without Alley Light Modules.



Alley Light Module



(Blue & Amber)

# ETL 5000 (Gen3 Lightbar)



ETL 5000 Red & Amber LED lightbar shown on a Tow Truck. Adjustable Mount Brackets used.

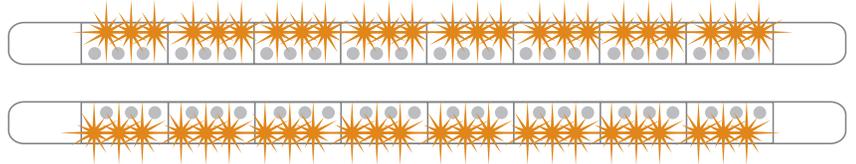


Lightbars are available with Clear or Color Lenses. Download the order form to see all options.



Shown in this photo: ETL 5000 Clear Lens Lightbar with an Adjustable Mount Bracket (blank module also shown).

**Rear Arrow flashes upper row of diodes against the lower row of diodes.**



- The ETL 5000 Lightbar is so bright that it exceeds SAE light requirements with end cap output alone!
- An industry innovation....“Rear Split Arrow” activates the upper row of LEDs in all the Rear Arrow Modules against the bottom row of LEDs. The upper row offers Warning patterns, while the lower row of LEDs offers Arrow patterns.
- Custom built to your specifications in 38.5”, 43.25”, 48”, 52.75” & 57.5” lengths. Visit [http://www.soundoffsignal.com/warnamber/lightbars/lb\\_ETL5000.htm](http://www.soundoffsignal.com/warnamber/lightbars/lb_ETL5000.htm) for Order Form.
- 2 mounting options to choose from: Low Profile Fixed Height Brackets (see photo top right page) or Adjustable Mount Brackets for precise mounts, see page 7 for details.
- Increased flexibility with 2 Rear Arrow Control options. 4 Wire option operates with any standard left, right or center out warning switch & is compatible with our Directional Arrow Switch (see Switches pgs. 23-24). The 8 Wire option allows 8 outputs & is compatible with other manufacturer’s directional arrow controllers.
- Streamlined, modular design is easy to maintain with field replaceable modules that are upgradable.
- Two Pattern Modes:
  - 1) Cruise Mode - set to your favorite pattern
  - 2) Low Power Mode - reduces light output to 30%.

**BRACKET INFO see pg. 7**  
**TECH SPECS see pg. 8**

More Lightbar information  
 & Order Forms available at:  
[www.soundoffsignal.com/lightbars\\_index.htm](http://www.soundoffsignal.com/lightbars_index.htm)

ETL 5000 Lightbar

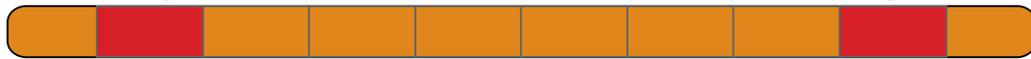
Clear Lens with Adjustable Height Brackets\*.

Amber & other color lenses available.

\*Shown at highest height, see pg. 7 for Fixed Mount Bracket info.



Can be wired for Stop/Turn/Tail



Stop/Turn/Tail



Lightbar can be wired for Stop/Tail/Turn function. Photo at left shows a Clear Lens/ Amber LED lightbar with dual Red LED modules on each end.

LED Worklights

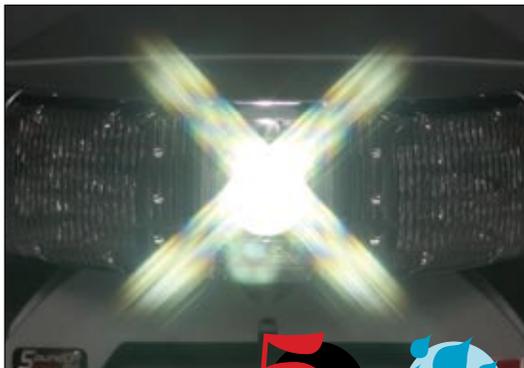
LED Work Light Module



Lightbars are built to order with up to 2-Work Lights in your desired location.

LED Alley Lights

May be ordered with or without Alley Lights.



Alley Light Module



(Blue & Amber)

Lightbars - ETL 5000™

1.800.338.7337 / www.soundoffsignal.com

# Lightbars (Mounting Options)

More Lightbar information & Order Forms available at: [www.soundoffsignal.com/indexpages/warnamber/lightbars\\_index.htm](http://www.soundoffsignal.com/indexpages/warnamber/lightbars_index.htm)

## Fixed Height Bracket for Pinnacle™ & ETL 5000™

Easy to install Low Profile Fixed Mount Bracket mounts bar close to the roof line of the vehicle offering a sleek, low profile look. Brackets are made from durable stainless steel with non-slip rubber feet for extra grip.



## Adjustable Height Bracket for Pinnacle™ & ETL 5000™



Innovative Adjustable Height Brackets allow for custom height and tilt adjustments that allow for more flexibility than any other lightbar mounting system. Unique mounting feet allows for vertical height adjustment of 3 inches to provide low mounting height on Sedan applications and elevated mounting height for full size Van and SUV applications so a single bar has maximum visibility to traffic approaching from the front and the rear.

Lowest Height



Highest Height



Diagram A: Height Adjustment

- Mounting brackets offer vertical height adjustment of 3" (see Diagram A) and are made from aluminum and stainless steel for excellent durability and corrosion resistance.
- Innovative angle adjustment of  $\pm 2 \frac{1}{2}^\circ$  allows you to adjust the lightbar to the roof line of your vehicle for maximum visibility (see Diagram B).
- Large rubber mounting pads provide a non-slip, cushioned interface between the vehicle roof and the lightbar.

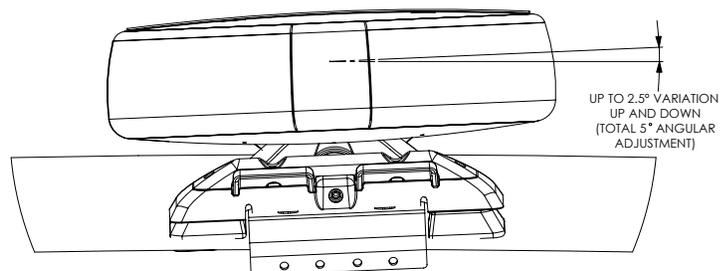


Diagram B: Angle Adjustment



LIGHTBAR TECHNICAL SPECIFICATIONS		
	ETL 5000™	Pinnacle™ Series
Flash Patterns:		
Standard Warning	18 flash patterns	21 flash patterns
LED Take Down or Alley	5 flash patterns	5 flash patterns
Arrow Left, Center & Arrow Right	4 flash patterns	4 flash patterns
Arrow Warning	Solid Arrow: 9 Split Arrow: 17	Solid Arrow: 9 Split Arrow: 17
Input Voltage Range:	10-16 Vdc or 10-30	10 - 16 Vdc
Current Consumption:	@ 12.8 Vdc	@ 12.8 Vdc
Inboard Module	0.5 Amps	0.5 Amps
Corner Module	1.0 Amps	1.0 Amps
Alley Light Module	LED 0.627 Amps Steady On 0.315 Amps Flashing	LED 0.627 Amps Steady On 0.315 Amps Flashing
Work Light Module	0.928 Amps Steady On 0.5 Amp Flashing	1.0 Amps
LED Info:		
Inboard Module	6 Gen3 LEDs	6 Gen3 LEDs
Corner Module	12 Gen3 LEDs	12 Gen3 LEDs
Work Light Module	4 Gen3 LEDs	6 Gen3 LEDs
Alley Light Module	1 multi-chip Gen3 LED	1 multi-chip Gen3 LED
Operating Temperature:	-40° to +65° Celsius	-40° to +65° Celsius
Dimensions:		
Available Lengths	38.5", 43.25", 48", 52.75" & 57.5"	36" (35.4" actual), 42" (41.7" actual), 48", 54" (54.3" actual) & 60" (60.7" actual)
Inboard Module	4.75" length x 2.125" height	6.3" length x 2.125" height

**Our DSC Technology (Digital Serial Communication)** option gives you a 15' digital serial RJ-11 cable which connects to the Breakout Box that is installed near your switching equipment. The Breakout Box then provides you with 24 separate control lines (inputs) to connect to your switching devices. This thin digital cable reduces installation time and expense.



# MTL 2000 Lightbar (Strobe or Halogen)



MTL 2000 Strobe lightbar shown mounted on a volunteer Chevrolet truck.



A great economy lightbar for the Amber market. Amber Strobe lightbar shown.



Amber lens MTL 2000 lightbar shown mounted on a tow truck. Bar has 2-center Work Light Modules.



## Features

- Bright white MR-11 35 watt halogen bulbs power up the Take Down/Work Light & Alley Lights.
- Take Down/Work Light & Alley Light injection molded lens inserts.
- Red, Blue or Amber colored End Caps available with Clear or Black Center Dome color options.
- Halogen Lightbar configuration includes Diamond & V-mirror options for an enhanced warning signal.
- End Cap configurations can be ordered with single or dual Halogen Rotators, "V" or Diamond Mirrors or with dual Strobe Corner Modules.
- A great variety of Center Section configurations are offered depending on the length of bar.
- Low Profile Design at just 4" high.

## Dimensions

Standard Lengths: 48", 54" & 59"

Overall Height: 4"

## Additional Info

For more information or how to order our MTL 2000 Lightbar please visit our website at [www.soundoffsignal.com/strb-halgn\\_lighting/sh\\_lb\\_mtl2000.htm](http://www.soundoffsignal.com/strb-halgn_lighting/sh_lb_mtl2000.htm) to see more information on the MTL 2000 Lightbar.



**MTL 2000 Strobe Lightbar**

**MTL 2000 Halogen Lightbar**



**Halogen Lightbar shown illuminated in Amber with center Work Lights (front view).**



**Strobe Lightbar shown illuminated in Red with Alley Light (end view).**



# 4000 Series™ Strobe Beacon

by SoundOff Signal

The 4000 Strobe Beacon offers a bright strobing signal in 6" or 4" dome heights with optional Branch Guards and Clear Dust Cover.



(Strobe Tube 1 yr.)



(w/ Dust Cover)



- 360° of bright strobe warning power that clearly alerts other motorists of your presence.
- Double Fresnel Polycarbonate lens design - optics are molded into the inner *and* outer lens for better light distribution.
- Base is made from a strong cast aluminum in a black powder coat finish.
- Self-contained or Remote models available, remote model requires external power supply to operate.
- Permanent Flat Mount includes 1" threaded pipe for quick & easy pipe mounting.
- Optional Magnetic Mount with cigar plug available.
- Meets California Title 13 requirements when used with Clear Dust Cover.
- 4" and 6" Dome heights are available.

See pgs. 15-16 for Part Numbers & Options.

## Accessories

Metal Branch Guard, 4" Dome: E36ØBG4

Metal Branch Guard, 6" Dome: E36ØBG6

Clear Dust Cover: E36ØDC6 (for CA Title 13 compliancy, may be used for both dome heights)



# 3000 Series™ Strobe Beacon

by SoundOff Signal

3000 Strobe Beacons are available in 6" or 4" dome heights with optional Branch Guards and Clear Dust Cover.



(Strobe Tube 1 yr.)



(w/ Dust Cover)



- 360° of bright strobe warning power that clearly alerts other motorists of your vehicle's presence on or off the road.
- Double Fresnel Polycarbonate lens design - optics are molded into the inner *and* outer lens for better light distribution.
- Dome and base are molded from durable polycarbonate that is less prone to cracking or scratches.
- Self-contained or Remote models available, remote model requires external power supply to operate.
- Permanent Flat Mount includes 1" threaded pipe for quick & easy pipe mounting.
- Optional Magnetic Mount with cigar plug is available.
- Meets California Title 13 requirements when used with Clear Dust Cover.

See pgs. 15-16 for Part Numbers & Options.

## Accessories

Metal Branch Guard, 4" Dome: E36ØBG4

Metal Branch Guard, 6" Dome: E36ØBG6

Clear Dust Cover: E36ØDC6 (for CA Title 13 compliancy, may be used for both dome heights)



See pages 15-16 for Technical Specifications & Part Numbers/Options.

- Self-contained LED Beacon coming with superior optics and optimal 360° light distribution.
- Amber LED Beacon is rated at 1300 lumens for a bright signal in all weather conditions.
- LED lighting means low maintenance and less operating costs - no more replacement strobe tubes! Beacon is rated to last 20,000+ hours for a long-lasting and reliable light source.
- Features Double Fresnel Polycarbonate lens design - optics are molded into the inner and outer lens for better light distribution.
- Lens is made from a durable polycarbonate designed with premium optics & base is a sturdy cast aluminum with a black powder coat finish.
- Same footprint as our 4000 Series Strobe beacons so retrofitting from an existing strobe beacon is simple.
- Available in Magnetic or Permanent Mounts.

**See pgs. 15-16 for Part Numbers & Options.**



## 4500 Series™ LED Beacon

by SoundOff Signal

**New! 4500 Series LED Beacon is rated to last 20,000 plus hours with little maintenance. Bright LED output with in Class 1 or Class 2 models.**



- Our 1500 Series Beacon is one of our smaller beacons which is perfect for permanently mounting on smaller sized equipment such as fork lifts & bobcats.
- Bright strobing Single Flash Pattern.
- Rugged polycarbonate lens withstands harsh environmental conditions and resists heat & UV rays to prevent fading.
- Durable molded polycarbonate base won't rust and resists cracking.
- Self-contained potted power supply protects from moisture & vibration.
- Superior input voltage range (12 - 80 Vdc) allows use in multiple applications

## 1500 SERIES

**LED Beacon:**

**A** Amber Lens #ELB15BC0AA



## 1500 Series™ LED Beacon

by SoundOff Signal

**New! 1500 Series LED Beacon offers the reliability and long lasting power of LEDs with a 5 Year Warranty.**



**See pages 15-16 for Technical Specifications & Part Numbers/Options.**

# 1000 Series™ Strobe Beacon

by SoundOff Signal

Small size is perfect for smaller sized equipment such as Fork Lifts & Bobcats. Perfect for manufacturing environments.



5.16" height x 3.82" diam. (base)



- Our 1000 Series Beacon is one of our smaller beacons which is perfect for permanently mounting on smaller sized equipment such as fork lifts & bobcats.
- Bright strobing Single Flash Pattern at 60 - 80 f.p.m. (flashes per minute).
- Rugged polycarbonate lens withstands harsh environmental conditions and resists heat & UV rays to prevent fading.
- Durable molded polycarbonate base won't rust and resists cracking.
- Self-contained potted power supply protects from moisture & vibration.
- Superior input voltage range (12 - 72 Vdc) allows use in multiple applications.

## 1000 SERIES Strobe Beacon:

- A** Amber Lens #1051FA
- B** Blue Lens #1051FB
- R** Red Lens #1051FR

# 2000 Series™ Strobe Beacon

by SoundOff Signal

2000 Series Beacon offers bright strobing output with optional Polished Chrome Branch Guard. Sized at just over 3.5" tall for smaller equipment.



- 2000 Series Beacon is another smaller sized beacon with a height just over 3.5" making it a perfect sized beacon for smaller equipment.
- Two versatile mounting options: Permanent Mount or Magnetic Mount with Cigar Plug.
- Superior input voltage range (12 - 72 Vdc) allows use in multiple applications.
- Rugged polycarbonate lens withstands harsh environmental conditions. Resists heat & UV rays to prevent fading of the lens.
- Molded polycarbonate base won't rust & very durable.
- Self-contained, potted power supply protects from moisture & vibration.

## 2000 SERIES Strobe Beacon:

- A** Amber Lens #2051FA
- B** Blue Lens #2051FB
- R** Red Lens #2051FR
- C** Clear Lens #2051FC

### Accessories

Polished Chrome Branch Guard: E3S0BG3

See page 15 for Technical Specifications.

- Low Cost 5000 Series Strobe beacon is Class 2 rated and great for all types of bus & commercial vehicle fleets looking for budget friendly strobe lighting.
- 360° of bright strobe warning power that clearly alerts other drivers of your vehicle's presence.
- Beacon features an O-ring seal between dome & base to provide a weather tight seal.
- Double Fresnel Polycarbonate lens design - optics are molded into the inner *and* outer lens for better and brighter light distribution.
- Permanent Mount base is made from strong cast aluminum in a black powder coat finish.
- Made with a field replaceable Xenon strobe "u" tube.

## 5000 ECONOMY

### Strobe Beacon:

- A** Amber Lens #5157LFA
- C** Clear Lens #5157LFC

# 5000 Series™ Strobe Beacon

by SoundOff Signal

The 5000 Beacon is a low cost, Class 2 beacon that is easy on the budget yet offers all the power of traditional strobe beacons.



- 7000 Series Beacon is a rugged design for demanding environmental conditions making it a great beacon choice for heavy duty equipment such as construction and public works vehicles, tow trucks and all types of buses.
- Three versatile mounting options: Permanent/Pipe Mount or Magnetic Mount with 12v Cigar Plug.
- Self-contained with 4 flash patterns. Beacon does not require an external flasher.
- Conformal Coated board assembly is protected from heat, moisture and vibration.
- Made from a durable polycarbonate lens and a rugged metal base to withstand demanding outdoor conditions.

See pgs. 15-16 for Part Numbers & Options.

### Accessories

Metal Branch Guard for 4" Dome: #E7000BG4

Metal Branch Guard for 6" Dome: #E7000BG6

Clear Dust Cover: #E360DC6 for CA Title 13 Compliance (fits both dome heights)



# 7000 Series™ Strobe Beacon

by SoundOff Signal

7000 Series Strobe Beacon can be ordered in 6" or 4" Dome Heights and features a rugged design for demanding environmental conditions.



(Strobe Tube 1 yr.)

See page 15 for Technical Specifications.

**TECH SPECS - 1500 LED**

Flash Patterns:	1 pattern
Input Voltage Range:	12 - 80 Vdc
Current Consumption:	250mA @ 12V, 40mA @ 80V
Technology:	6 LEDs
Output:	3 watts max.
Dimensions:	<u>height</u> x <u>diameter</u> 5.1875" h x 3.78" diam.

**TECH SPECS - 4500 LED**

Flash Patterns:	8 patterns (user selectable)
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	1 amp @12V, 0.5 amps @ 24V
Technology:	12 Gen3 LEDs, ECE65 Bcn. 16 Gen3 LEDs
Light Sync Technology:	Yes
Output:	Amber, Blue & White - 9 watts Red 6 - watts
Dimensions:	<u>height</u> x <u>diameter</u>
4" Low Dome	4.63" h x 6.35" diam.
6" High Dome	6.56" h x 6.35" diam.

**TECH SPECS - 1000 Mini Strobe**

Flash Patterns:	1 pattern
Flash Rate:	Single Flash @ 60-80 f.p.m.
Input Voltage Range:	10 - 72 Vdc
Current Consumption:	0.3 amps @ 12V
Technology:	Linear Strobe Tube
Output:	approx. 3 amps
Dimensions:	<u>height</u> x <u>diameter</u> 5.16" h x 3.82" diam.

**TECH SPECS - 2000 Mini Strobe**

Flash Patterns:	1 pattern
Flash Rate:	Single Flash @ 60-80 f.p.m.
Input Voltage Range:	10 - 72 Vdc
Current Consumption:	0.3 amps @ 12V
Technology:	Linear Strobe Tube
Output:	approx. 3 amps
Dimensions:	<u>height</u> x <u>diameter</u> 3.57" h x 5.05" diam.

**TECH SPECS - 3000 Strobe**

Flash Patterns:	2 patterns - Double or Quad (user selectable)
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	
10 watt	1 amp @ 12V, 0.5 amps @ 24V
20 watt	2 amps @ 12V, 1 amp @ 24V
Technology:	Strobe
Output:	10 or 20 watts
Dimensions:	<u>height</u> x <u>diameter</u>
4" Low Dome	4.5" h x 5.5" diam.
6" High Dome	6.44" h x 5.5" diam.

**TECH SPECS - 4000 Strobe**

Flash Patterns:	2 user selectable patterns Double @ 70 f.p.m. or Quad @ 100 f.p.m.
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	2 amps @ 12V, 1 amp @ 24V
Technology:	Strobe
Output:	20 watts
Dimensions:	<u>height</u> x <u>diameter</u>
4" Low Dome	4.63" h x 6.35" diam.
6" High Dome	6.56" h x 6.35" diam.

**TECH SPECS - 5000 Strobe**

Flash Patterns:	2 user selectable patterns Double @ 70 f.p.m. or Quad @ 100 f.p.m.
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	1.5 amps @ 12V, 0.75 amps @ 24V
Technology:	Strobe
Output	15 watts (12 joules)
Dimensions:	<u>height</u> x <u>diameter</u>
4" Low Dome	5.60" h x 6.89" diam.

**TECH SPECS - 7000 Strobe**

Flash Patterns:	4 factory selectable patterns Single, Double, Quad or Quint
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	2.5 amps @ 12V, 1.2 amps @24V
Technology:	Strobe
Dimensions:	<u>height</u> x <u>diameter</u> (base of beacon is 2" high)
4" Low Dome	6" h x 8.25" diam.
6" High Dome	8" h x 8.25" diam.

# Beacon Order Guide

## 7000 SERIES

Strobe Beacon:

#7(xx)(x)(x)(x)(x)  
**W** **F** **H** **M** **C**  
**A** **L** **E** **O** **O**  
**T** **A** **I** **U** **L**  
**T** **S** **G** **N** **O**  
**S** **H** **H** **T** **R**  
**T**

### WATTS

∅∅=Remote  
 25=25 watt

### FLASH

∅=Remote  
 1=Single  
 2=Double  
 4=Quad  
 5=Quint

### HEIGHT

L=Low, 4" dome  
 H=High, 6" dome

### MOUNT

C=Flat/Pipe  
 M=Magnetic

### COLOR

- A** Amber Lens #2∅51FA
- B** Blue Lens #2∅51FB
- R** Red Lens #2∅51FR
- C** Clear Lens #2∅51FC

## 4500 SERIES

LED Beacon:

#ELB(xx)B(x)(x)(xx)  
**C** **M** **H** **C**  
**L** **O** **E** **O**  
**A** **U** **I** **L**  
**S** **N** **G** **O**  
**S** **T** **H** **R**  
**T**

### CLASS

45=Class 1  
 42=Class 2

### MOUNT

C=Flat/Pipe  
 M+=Magnetic

### HEIGHT

L=Low, 4" dome  
 H=High, 6" dome

### COLOR

LED COLOR / DOME COLOR

- A** AA=Amber/Amber
- A** AC=Amber/Clear
- W** WA=White/Amber
- B** BB=Blue
- G** GG=Green
- R** RR=Red

## 3000 SERIES

Strobe Beacon:

#3(xx)(x)(x)(x)(x)  
**W** **F** **H** **M** **C**  
**A** **L** **E** **O** **O**  
**T** **A** **I** **U** **L**  
**T** **S** **G** **N** **O**  
**S** **H** **H** **T** **R**  
**T**

### WATTS

2∅=20 watt

### FLASH

∅=Remote  
 7=DbL. & Quad

### HEIGHT

L=Low, 4" dome  
 H=High, 6" dome

### MOUNT

C=Flat/Pipe  
 M=Magnetic

### COLOR

- A** Amber Lens #2∅51FA
- B** Blue Lens #2∅51FB
- R** Red Lens #2∅51FR
- C** Clear Lens #2∅51FC

## 4000 SERIES

Strobe Beacon:

#4227(x)(x)(x)(x)  
**W** **H** **M** **C**  
**A** **E** **O** **O**  
**T** **I** **U** **L**  
**T** **G** **N** **O**  
**S** **H** **T** **R**  
**T**

# Arrow Sticks (LED or Halogen)



## LED Traffic Arrow™ #ETTMLECO8



## Halogen Traffic Arrow™ #ETTMHECO8



TrafficMaster Amber bars shown on utility/work vans offer additional safety for workers.



Economically priced Traffic Arrows offer bright LED or Halogen output diverts traffic.

- **Self-contained** - no external flasher required.
- Heavy gauge aluminum sun shield along top of bar reduces sun glare & "washout" to clearly signal oncoming motorists.
- Economically priced bright Halogen or Gen2 LED light output.
- LED model features a lower amp draw.
- Made from 8 sealed & weatherproof modules that require little routine maintenance.
- 2 pairs of brackets included:
  - Standard Bracket for when bar is mounted in a sheltered location.
  - Heavy Duty Brackets for use when bar will be mounted in a area subject to high wind, vibration and/or severe stress.
- 1 Switch Panel included with 1-red rocker switch with 15' of cable for hardwire installation.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	1 Warning, 2 Directional
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	LED 3A max, Halogen 12.6A max
Technology:	LED model: 144 Gen2 LEDs (18/module) Halogen model: 8 - 27 watt modules
Operating Temperature:	-30° to +65°
Dimensions:	42" l x 2 5/8" h x 3 5/16" d



### TrafficMaster™ Clear Lens Flush Mount LED Directional Bar



Amber Center/Red Ends: #ETTMLEDW4R-CLR  
 Red Center/Red Ends w/ Control Box 4 ft. from bar: #ETTMLEDW2R4-CLR



### TrafficMaster™ LED Directional Bar

**TrafficMaster™ with Arrow End Modules**  
 Amber Lens/Amber LEDs: #ETTMLED-P  
 Red Lens/Red LEDs: #ETTMLED-R  
 Clear Lens/Amber LEDs: #ETTMLED-CLR

**TrafficMaster™ without Arrow End Modules**  
 Amber Lens/Amber LEDs: #ETTMLED-NA



### TrafficMaster™ LED Directional/Warning Bar w/ Warning End Modules

Amber End Modules: #ETTMLEDWA  
 Red/Amber End Modules: #ETTMLEDWK  
 Red End Modules: #ETTMLEDWR



### TrafficMaster™ LED Directional/Warning Bar w/ Clear Lenses

Amber End Modules: #ETTMLEDW2A-CLR  
 Red/Amber End Modules: #ETTMLEDW2K-CLR  
 Red/Red End Modules: #ETTMLEDW2R-CLR



### Split Arrow LED TrafficMaster™ #ETTMLEDSA

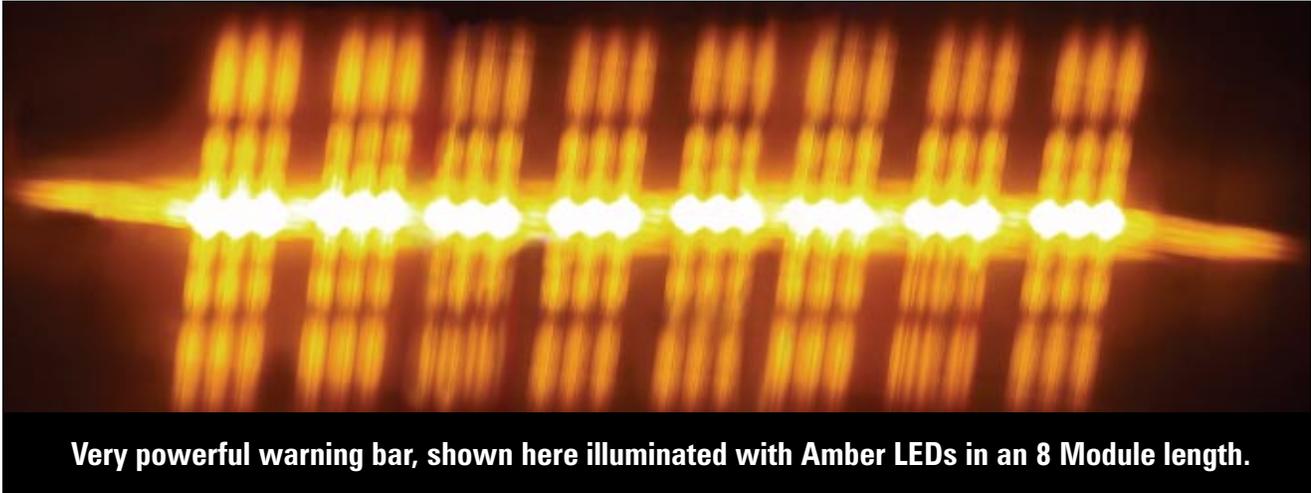


#### TECHNICAL SPECIFICATIONS

Flash Patterns:	
ETTMLED-(x) & ETTMLEDSA	8 Warning patterns
ETTMLEDW(x) & ETTMLEDW2(x)-CLR	12 Warning patterns for Warning End Modules & 5 Directional patterns
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	2.2 amps max
# of LEDs:	168 Gen2 LEDs
Operating Temp.:	-30° to +60°
Dimensions:	length x height x depth
	42" l x 2 3/4" h x 1.75" d

- Designed to fit interior rear windows of police vehicles or work trucks yet heavy duty design can be used outdoors as well.
- Reliable **self-contained** solid state design.
- LED Modules are sealed & weatherproof.
- Heavy Duty Bracket (shown on opposite page) is included for mounting when bar will be subject to high wind, vibration and/or severe stress.
- Bars include external Control Box, Standard & Heavy Duty Brackets with 25' of cable for installation.
- Control Box features a 5-position rotary switch to control all primary functions & illuminated display shows activated arrow pattern. Fits standard console cutouts for radios & can be mounted under the dash with supplied bracket.
- Split Arrow TrafficMaster™ (#ETTMLEDSA) is great for vehicles with split rear doors.

# UltraLITE (Exterior Gen3 Warning Bar)



Very powerful warning bar, shown here illuminated with Amber LEDs in an 8 Module length.

## Bars w/ Single Warning Ends (ends flash w/ arrow)

- #EL3D08A10(x) 8 Module, 10-16 volt (11.5 ft. cable)
- #EL3D12A10(x) 12 Module, 10-16 volt (11.5 ft. cable)
- #EL3D08A10(x)-24 8 Module, 10-30 volt (11.5 ft. cable)
- #EL3D12A10(x)-24 12 Module, 10-30 volt (11.5 ft. cable)

## Bars w/ Dual Warning Ends - 12 Module Length (ends flash w/ arrow)

- #EL3D12A20(x) 10-16 volt (11.5 ft. cable)
- #EL3D12A20(x)-24 10-30 volt (11.5 ft. cable)
- #EL3D12A2L(x)-24 10-30 volt (50 ft. cable)

## Bars w/ Warning Ends (ends flash independent from arrow)

- 8 Module Bar, Single Ends: #EL3D08B10(x)
- 24 Volt 8 Module Bar, Single Ends: #EL3D08B10(x)-24
- 12 Module Bar, Single Ends: #EL3D12B10(x)
- 12 Module Bar, Dual Ends: #EL3D12B20(x)
- 24 Volt 12 Module Bar, Single Ends: #EL3D12B10(x)-24
- 24 Volt 12 Module Bar, Dual Ends: #EL3D12B20(x)-24

**8 Module Kit** includes 8 Module Length Bar, Directional Arrow Switch, Universal L-Brackets & 11.5 ft. of shielded cable for hardwire installation .

- #EL3D08K00(x) 8 Module length, 10-16 volt

## 10-16 Volt UltraLITE Exterior Bars w/ 11.5 ft. cable

- #EL3D02A00(x) 2 Module length
- #EL3D04A00(x) 4 Module length
- #EL3D08A00(x) 8 Module length
- #EL3D12A00(x) 12 Module length

## 10-30 Volt UltraLITE Exterior Bars w/ 11.5 ft. cable

- #EL3D02A00(x)-24 2 Module length
- #EL3D04A00(x)-24 4 Module length
- #EL3D08A00(x)-24 8 Module length
- #EL3D12A00(x)-24 12 Module length

## 10-30 Volt UltraLITE Exterior Bars w/ 50 ft. cable

- #EL3D08A0L(x)-24 8 Module length
- #EL3D12A0L(x)-24 12 Module length
- #EL3D08AL1(x)-24 8 Module length
- #EL3D12A1L(x)-24 12 Module length



Bars include a pair of Universal Brackets and 11.5' 3-wire shielded cable for installation.

# UltraLITE



## Exterior Warning Bar



TECHNICAL SPECIFICATIONS	
Flash Patterns:	
2 Module Bar	33 flash patterns
4 Module Bar	21 flash patterns
8 Module Bar	Solid: 20 Arrow & 12 Arrow Warning patterns Split: 19 Warning patterns Single Warning Ends: 16 Arrow, 5 Warning
12 Module Bar	Solid: 20 Arrow & 12 Arrow Warning patterns Split: 19 Warning patterns Single Warning Ends: 20 Arrow, 5 Warning Dual Warning Ends: 20 Arrow, 5 Warning
Input Voltage Range:	10-16 Vdc or 10-30 Vdc available
Current Consumption:	(flash pattern dependent)
	2 Module <1 amp, 4 Module <2 amps, 8 Module <4 amps, 12 Module <6 amps
# of LEDs:	
	Gen3 LEDs 2 Module - 6, 4 Module - 12, 8 Module - 24, 12 Module - 36
Operating Temperature:	-40° to +60°
Dimensions:	length x height x depth
2 Module Bar	6.9" l x 1.54" h x 1.70" d
4 Module Bar	13.25" l x 1.54" h x 1.70" d
8 Module Bar	26" l x 1.54" h x 1.70" d
12 Module Bar	38.75" l x 1.54" h x 1.70" d



- Weatherproofed for exterior use with a potted controller & weatherproof connectors.
- Available in 2, 4, 8 or 12 LED3 Module lengths & includes a pair of Universal Brackets with 11.5' of cable.
- Models available with 50' cable length (see Part Numbers on opposite page).
- Compatible with our Directional Arrow Switch which features seven programmable Warning Modes, a fully lit display and a built-in Smart Sensor that detects inputs from another switching source.
- Offered in solid colors with split color combinations.
- 8 Module bar is available with Single Warning Ends while 12 Module bar is available with Single or Dual Warning Ends.
- Features many built-in Flash Patterns including our **LiteRyder** Flash Pattern, a "sweeping" flash pattern in fast or slow modes.



# UltraLITE (Colors, Brackets, Shrouds & Replacement Modules)



**8 Module w/ Single Warning Ends**

**UltraLite 8 Module Arrow w/ Single Warning Ends:**

-  B=Blue Ends
-  J=Red/Blue Ends
-  R=Red Ends

Replace "(x)" in Part Number with desired color code.

**Solid Colors for 2, 4, 8 & 12 Module Lengths:**

-  A=Amber
-  B=Blue
-  R=Red
-  W=White

Replace "(x)" in Part Number with desired color code.

**Split Colors for 2, 4, 8 & 12 Module Lengths:**

-  D=Red/White
-  E=Blue/White
-  F=Amber/White
-  J=Red/Blue
-  K=Red/Amber
-  M=Blue/Amber

**2, 4, 8 & 12 Module Solid or Split Colors**

**12 Module w/ Single OR Dual Warning Ends**

**UltraLite 12 Module Arrow w/ Single Warning Ends:**

-  B=Blue Ends
-  J=Red/Blue Ends
-  R=Red Ends

**UltraLite 12 Module Arrow w/ Dual Warning Ends:**

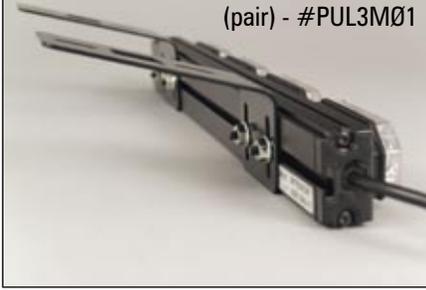
-  B=Blue Ends
-  J=Red/Blue Ends
-  R=Red Ends

Replace "(x)" in Part Number with desired color code.

## UltraLITE



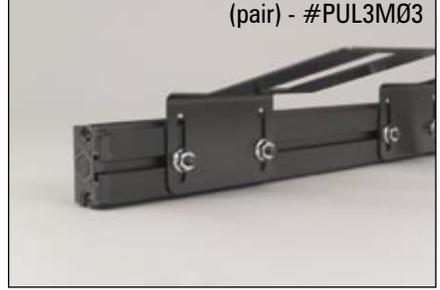
**Visor Mount for Ford Crown Victoria**  
(pair) - #PUL3MØ1



**Visor Mount for Chevrolet Tahoe**  
(pair) - #PUL3MØ2



**Visor Mount for Chevrolet Impala**  
(pair) - #PUL3MØ3



**Visor Mount for Dodge Charger**  
(single brkt.) - #PUL3MØ4



**Headliner Mount for Dodge Durango**  
(pair) - #PUL3MØ5



**Dash Mount for Dodge Charger**  
(pair) - #PUL3MØ6



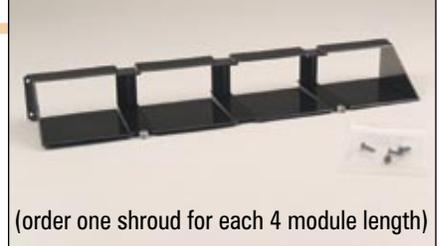
**Rear Deck Mount for Dodge Charger**  
(pair) - #PUL3MØ7



**Center Mount for Ford Crown Victoria**  
(pair) - #PUL3MØ8



**Windshield Shroud**  
- #PUL3WSS



**Exterior Replacement Modules:**

- Amber #PUL3MØ5AMB
- Blue #PUL3MØ5BLU
- Green #PUL3MØ5GRN
- Red #PUL3MØ5RED
- White #PUL3MØ5WHT

**Interior Replacement Modules:**

- Amber #PUL3M16AMB
- Blue #PUL3M16BLU
- Green #PUL3M16GRN
- Red #PUL3M16RED
- White #PUL3M16WHT

## Directional Arrow Switch #ETSWDAS01

- Compatible with Pinnacle™ & ETL 5000 LED lightbars, TrafficMaster™ & Traffic Arrow™ Directional/Warning Bars.
- Features 6 low current (0.25 Amps) + 10-30 Vdc outputs which allows control for multiple directional arrow products.
- Customize your control with 7 programmable Warning Modes.
- Fully lit display illuminates to show flash pattern in use and displays input selected.
- Durable black ABS housing.
- Built-in Smart Sensor detects inputs from another switching source so it may be used with other manufacturers Directional Arrow products that use built-in pulsing controllers.
- **For use with LED lighting products ONLY.**
- Includes steel "U"-bracket & 12" wire leads.



6.55" w x 1.76" h x 0.88" d  
Measures 2.16" tall with bracket.

## 600 Series - 6 Function Switch #ETSP6F

- 6 mini Euro style rocker switches with red LED indicator ON lights.
- 1 - 40 amp relay/circuit breaker & 5 - 20 amp fused switch outputs.
- Durable ABS plastic housing.
- Interchangeable legend labels for easy switch identification. Includes Rotating, Flashing, Aux. 1, Take Down, Left Alley, Right Alley, Strobe, Compart. Lts., Work Lts. Grille & Deck Lts., Rear Lts. & Front Lt. Cut-Off.
- Includes Switch box w/ Universal Bracket, mounting hardware, switch labels & 18" pigtail w/ insulated quick terminals.



6.5" w x 2.75" h x 5.5" d

## 900 Series - 9 Function Switch #ETSP9F

- 6 mini Euro style rocker switches w/ 3-position progressive slide switch rated @ 20 amps/output with LED indicator ON lights.
- Interchangeable legend labels for easy switch identification. Includes Rotating, Flashing, Rear Flashing, Front Flashing, Aux. 1, Aux. 2, Light Bar, Take Down, Left Alley, Right Alley, Deck Lts., Dash Lts., Grille Lts., & Gun Lock.
- Includes Switch box w/ Universal Bracket, mounting hardware, switch labels & 18" pigtail w/ insulated quick connects.
- 4 - 20 amp fused switch outputs.
- Vinyl coated steel housing.



6.13" w x 2.10" h x 5.64" d

**NEW!**

3 Power Pursuit Buttons can control any combination of the switches below

2 Hidden Membrane Switches Behind the Logo

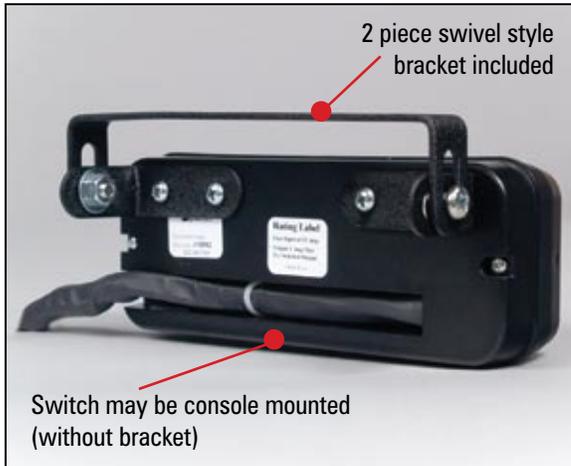


## IntelliSwitch993

#ETSP993  
Digital Switch  
w/ Power Pursuit Buttons



## IntelliSwitch990 #ETSP990 60 Amp Digital Switch



2 piece swivel style bracket included

Switch may be console mounted (without bracket)

**INTELLSwitches offer high speed, high efficient digital switching for improved reliability.**



**Switches include 30 title legend with 2-pc. swivel style bracket & mounting hardware.**

- INTELLSwitch990 & INTELLSwitch993 are new robust digital switch models. Digital switching provides high speed action & efficient lower operating current plus increased reliability.
- Both switches offer a compact, slim design with self performing diagnostics at power-up to ensure optimum performance.
- LED backlighting on the buttons for easy function identification in the dark.
- Switches include 60 title legend sheet & 2 - pc. swivel style bracket with mounting hardware. Units may be console mounted if desired.
- The INTELLSwitch993 offers 9 Ryno-Tuf durable push buttons. Switch features 3 Power Pursuit buttons that can be configured to operate any combination of the switches below, automatically eliminating hours of tedious special wiring. 2 hidden membrane switches are located behind the logo for back lighting dimmer control & user programmable switch to program your choice of function such as timed gun lock.
- The INTELLSwitch990 offers 6 Ryno-Tuf durable push buttons that are fully programmable with 60 amps maximum output. 4 buttons can be set to momentary & 1 can be set as an 8 second timed momentary.

### TECHNICAL SPECIFICATIONS

Input Voltage Range:	12 Vdc
Current Draw:	#ETSP993 - 12 amps max #ETSP990 - 60 amps max
Dimensions:	length x height x depth 6.5" (165 mm) x 2.5" (64 mm) x 2" (51 mm)
Mounting:	Incl. 2-pc. swivel bracket (may be console mounted)



**2 Module Light**

**Suction Cup Mount:**

**2 Module** #EL3H02A0+(x)

**4 Module** #EL3H04A0+(x)

**Permanent Headliner Mount:**

**8 Module** #EL3Z08A00(x)

**12 Module** #EL3Z12A00(x)

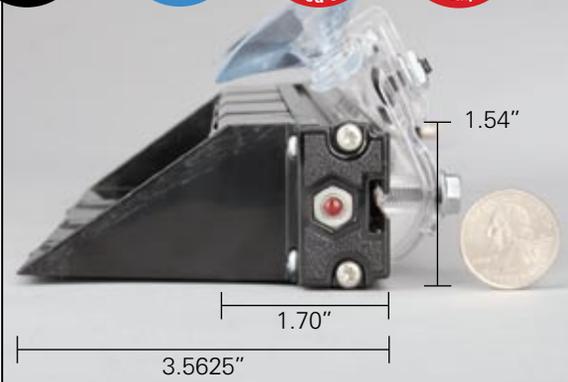
# UltraLITE



**Interior Windshield Warning Bar**



**8 Module Light**



**UltraLITE offers a low amp draw & reliability powered with Gen3 LED technology & superior optics.**



**Bars are available in solid & split colors in varying lengths for any type of vehicle. Amber LEDs shown.**

**Solid Colors for 2, 4, 8 & 12 Module Lengths:**



A=Amber



R=Red



W=White

**Split Colors for 2, 4, 8 & 12 Module Lengths:**



D=Red/White



F=Amber/White



K=Red/Amber

Replace "(x)" in Part Number with desired color code.

- Upgrade to UltraLITE Interior Warning Bars & discover the hidden power of LED3 Mini Lights. Bright LED3 modules line these versatile warning bars for maximum output & impact.
- 3 Mounts available: Suction Cup Mount, Permanent Headliner Mount & Ford Crown Victoria Shroud. Bars also have many vehicle specific brackets (see pg. 20 for more information).
- Available in 2, 4, 8 and 12 Modules lengths.
- 8 Module bars may be ordered with Solid or Split Colors with optional Single Warning Tips on each end.
- 12 Module bars may be ordered with Solid or Split Colors with optional Single or Dual Warning Tips on each end.
- 2 Mod Bars include Shroud, Suction Cup Mount, 12 volt Cigar Plug w/ 11.5' of cord & a pair Universal Brackets for optional permanent headliner mount.
- 8 or 12 Module Bars with Permanent Headliner Mount include Shrouds (1 shroud for each 4 mod. length), a pair of Universal Permanent Mount Headliner Brackets & 11.5' of shield cable for hard wire installation.

## TECHNICAL SPECIFICATIONS

Flash Patterns:	
2 Module	33 Warning Patterns
4 Module	21 Warning Patterns
8 or 12 Module	Solid Color: 20 Arrow & 12 Warning Split Color: 19 Warning
Input Voltage Range:	10-16 Vdc
Current Consumption:	(flash pattern dependent)
	< 1 amp for every 2 modules (2 Mod. < 1, 4 Mod. < 2 amps, etc.)
# of LEDs:	
2 Module	6 Gen3 LEDs
4 Module	12 Gen3 LEDs
8 Module	24 Gen3 LEDs
12 Module	36 Gen3 LEDs
Operating Temp.:	-40° to +60°
Dimensions:	1.54" h x 3.5625" d in these lengths:
2 Module	2 Mod: 6.9", 4 Mod: 13.25", 8 Mod: 26", 12 Mod: 38.75"



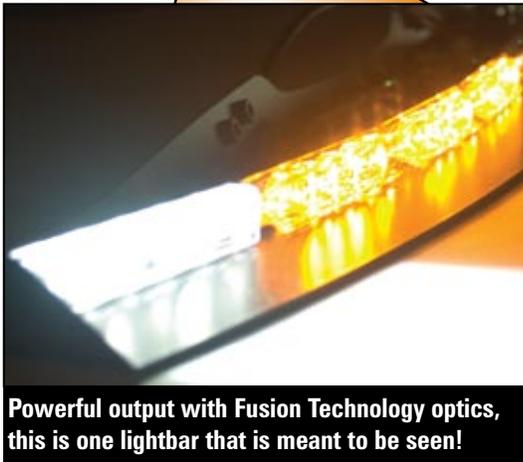
#EPL8000 for Ford F-150\*

\*Additional Models & Order Form on website:  
[www.soundoffsignal.com/warnamber/lightbars/lb\\_EPL8000Windshld.htm](http://www.soundoffsignal.com/warnamber/lightbars/lb_EPL8000Windshld.htm)



# PINNACLE

## Windshield Lightbar



Powerful output with Fusion Technology optics, this is one lightbar that is meant to be seen!



Smaller footprint than most interior lightbars!

Pinnacle™ has a narrow design & smaller footprint for less windshield obstruction.



Optional Take Down lights can be ordered in your choice of position.



- Built with our new & exclusive “Fusion Technology” optics that disperses an **even distribution of light with a super wide angle output.**
- **Smaller than competing interior lightbars with less windshield obstruction.**
- Features 8 Fusion Technology Gen3 LED Modules, with a maximum of 2 LED Take Down lights can be ordered.
- Many vehicle specific brackets currently available & more to be introduced throughout the year. Lightbar includes brackets for mounting & 25’ 6-conductor cable.
- Lightbars are custom configured to your specifications, please go to our website [http://www.soundoffsignal.com/warnamber/lightbars/lb\\_EPL8000Windshld.htm](http://www.soundoffsignal.com/warnamber/lightbars/lb_EPL8000Windshld.htm) to download order forms, installation instructions, dimensions & literature.
- LED Colors: Amber, Blue, Green & Red. Offered in Clear Lenses only.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	36 Warning & 9 Take Down
Input Voltage Range:	10 - 30 Vdc
Standby Current:	11mA @ 12.8 Vdc (entire lightbar)
Current Draw:	@ 12.8 Vdc
Warning Module	0.5 amp (flashing)
Take Down Module	0.6 amps (steady on)
LED Info:	48 Gen3 LEDs (6 LEDs/module)
Operating Temperature:	-40° to +65° C
Dimensions:	length x height x depth
Ford Expedition	39" l x 1.2" h x 5.9" d
Ford Explorer	38.12" l x 1.16" h x 6.29" d
Ford F-150	39.06" l x 1.20" h x 5.98" d
Chevrolet Tahoe	39.02" l x 0.70" h x 4.43" d

### Single Light

Suction Cup Mount: #EPLTSWS + (x)



LED Windshield Lights

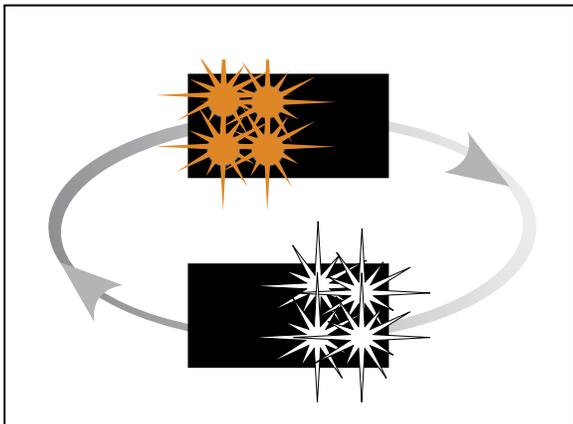


### Dual Light

Suction Cup Mount: #EPLTDWS + (x)



On/Off switch is located at the rear of the unit. Features Flash Pattern Recall which recall last pattern used.



Single Light features a eye-catching flash pattern, flashing 4 diodes at a time against each other.

#### Pilot Solid & Split Colors:

- A=Amber/Amber    K=Red/Amber
- D=Red/White    L=Red/Green
- F=Amber/White    P=Green/Amber
- G=Green/Green    R=Red/Red
- H=Green/White

Replace "(x)" in Part Number with desired color code.

## Features

- Our **low cost, high output** Pilot™ Volunteer Series Windshield lights are designed for police, security & volunteer vehicles.
- Made with powerful & bright Gen3 LEDs.
- 16 Flash Patterns for both lights. Single light flashes 4 diodes at a time, against each other in a variety of patterns. Dual light has 4 "x-patterns" which flashes upper 3 diodes of one quadrant against lower 3 diodes of the opposite quadrant rotating through an "x-pattern" sequence.
- Lights feature built-in suction cups & shroud. Adjustable height & tilt allows for a tight fit against any windshield.
- Includes 12v Cigar Plug with red LED indicator ON light & 11.5' cord.
- Conveniently located rear switch allows easy On/Off & pattern switching & non-volatile memory recalls last flash pattern used.
- Made with a durable aluminum housing with polycarbonate end caps & lens.

### TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
Flash Patterns:	
Single	16 patterns
Dual	16 patterns including 4 new "x-patterns"
Input Voltage Range:	10 - 16 Vdc (single & dual)
Current Consumption:	
Single	0.6 amps
Dual	1.0 amps
# of LEDs:	
Single	8 Generation 3 LEDs
Dual	12 Generation 3 LEDs
Operating Temperature:	-20° to +65°
Dimensions:	<u>w</u> idth x <u>h</u> eight x <u>d</u> epth
Single	4.2" w x 2.2" h x 5.2" d (w/ shroud)
Dual	7.2" w x 2.2" h x 5.2" d (w/ shroud)

**Univ. Dash/Deck Mounting Brackets\***

4 Module Bar: EL3H04A00(x)

8 Module Bar: EL3H08A00(x)

12 Module Bar: EL3H12A00(x)

# UltraLITE



Interior Warning Bar

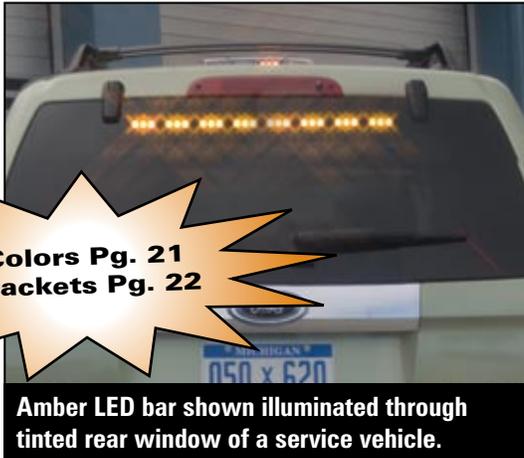


**w/ Warning Ends (flash w/ arrow)\***

8 Module, Single: EL3H08A10(x)

12 Module, Single: EL3H12A10(x)

12 Module, Dual: EL3H12A20(x)

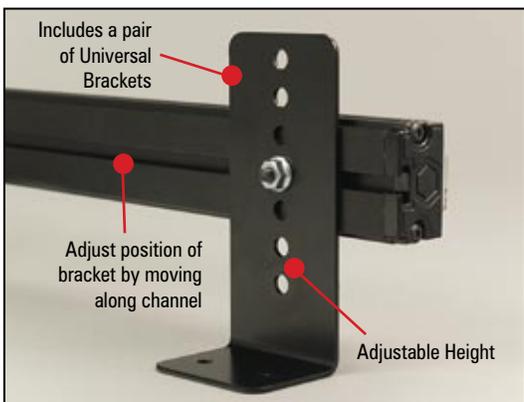


**Colors Pg. 21  
Brackets Pg. 22**

**Amber LED bar shown illuminated through tinted rear window of a service vehicle.**



**8 Module Amber LED Interior UltraLITE bar.**



Includes a pair of Universal Brackets

Adjust position of bracket by moving along channel

Adjustable Height

**Universal Dash/Deck Brackets included. Brackets can be adjusted in position or height.**

- We have taken our powerful little LED3 Mini Light and created a versatile line of interior & exterior directional/warning bars.
- Incredible & intense warning power provides a distinct safety advantage for your amber fleet.
- 4, 8 or 12 LED3 module lengths available. Each module contains 3 bright Gen3 LEDs (see LED3 Surface Mount light for details on this light).
- 8 & 12 Module split color bars can program up to 3 warning patterns.
- Available in Solid or Split Colors with Single or Dual optional Warning Ends can be specified.
- Slim, narrow design is perfect for headliner or dash mounts in all types of trucks.
- Bars include universal Dash/Deck Headliner Brackets w/ 11.5' of wire for hard wire installation.

TECHNICAL SPECIFICATIONS	
Flash Patterns:	
4 Module Bar	21 flash patterns
8 Module Bar	Solid: 20 Arrow & 12 Arrow Warning patterns Split: 19 Warning patterns Single Warning Ends: 16 Arrow, 5 Warning
12 Module Bar	Solid: 20 Arrow & 12 Arrow Warning patterns Split: 19 Warning patterns Single Warning Ends: 20 Arrow, 5 Warning Dual Warning Ends: 20 Arrow, 5 Warning
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	4 mod. 2A max, 8 mod. 4A max, 12 mod. 6A max
LED Info:	GEN3 LED Technology
	4 mod. 12 LEDs, 8 mod. 24 LEDs, 12 mod. 36 LEDs
Operating Temp.:	-40° to +60°
Dimensions:	4, 8 or 12 mod.
Length	4 mod. 13.25", 8 mod. 26", 12 mod. 38.75"
Height x Depth	1.54" h x 1.70" d

**Dual Windshield Lights**

**Permanent Headliner Mount:**

#EPRDDWSA+(x)

**Suction Cup Mount: #EPRDDWS+(x)**



**Permanent Mount**



**Suction Cup Mount**



**Single Windshield Lights\***

**Permanent Headliner Mount:**

#EPRDSWSA+(x)

**Suction Cup Mount: #EPRDSWS+(x)**



**Permanent Headliner Mount fits neatly above rear view mirror without obstructing the mirror.**



**Single light available in five safety colors, white LEDs shown. Dual lights offer split colors.**

**OEM Glass Mount Kit: #PPRDGMBRKT**

**COLORS:** see opposite page, same color offerings as Predator 2™.

**\*CA Title 13 Compliant Flash Patterns**  
See Web or Price Guide for Part Numbers.

- Our original Predator™ windshield lights with intense power.
- Stealth appearance & a low profile allows lights to be mounted above or below the rear view mirror or even installed in rear windows.
- Non-volatile memory recalls last flash pattern upon used.
- Tough & durable black aluminum housing is an efficient heat sink for the light engine.
- Lights come with 12v Cigar Plug w/ red LED indicator ON light & 11.5' straight cord.
- Customizable shroud is pre-scored so you can easily cut it to fit your windshield & reduce light glare.
- Smooth, clear Lexan polycarbonate lens is engineered for maximum light output with UV resistant properties to prevent fading or yellowing.
- Light includes Shroud & 12v Cigar Plug w/ 11.5' cord.
- Models available with CA Title 13 compliant flash patterns.
- Four versatile mounting options: 1) Permanent Headliner Mount, 2) OEM style Glass Mount, 3) Suction Cup Mount or 4) Prisoner Screen Bracket (for single light only).

TECHNICAL SPECIFICATIONS	
Flash Patterns:	33 flash patterns
Input Voltage Range:	10 - 16 Vdc (single & dual)
Current Consumption:	(pattern dependent)
Single	1.1 amps
Dual	1.1 - 2.0 amps
# of LEDs:	
Single	6 Gen3 LEDs
Dual	12 Gen3 LEDs
Operating Temp.:	-20° to +65°
Dimensions:	width x height x depth
Single w/ Shroud	3.8" w x 1.9" h x 6.9" d
Dual w/ Shroud	7.3" w x 1.9" h x 6.9" d

**Suction Cup Mount**

**Dual Windshield Lights\***

**Permanent Headliner Mount:**

#EP2DWSA+(x)

**Suction Cup Mount:** EP2DWS+(x)



**Permanent Mount**



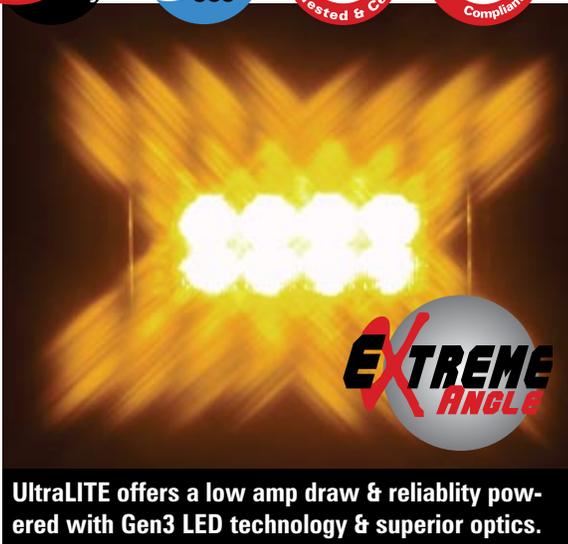
**Single Windshield Lights\***

**Permanent Headliner Mount:**

#EP2SWSA+(x)

**Suction Cup Mount:**

#EP2SWS+(x)



UltraLITE offers a low amp draw & reliability powered with Gen3 LED technology & superior optics.

- Exclusive **Extreme Angle optics** creates the brightest & widest angle of light output possible that consistently outperforms the competition.
- Tough & durable black aluminum housing is an efficient heat sink for the light engine.
- Light has a narrow, low profile which can be mounted above or below the rear view mirror or installed in rear or side windows. Light may be used with or without removable light shroud.
- Customizable shroud is pre-scored so you can easily cut it to fit your windshield & reduce light glare.
- Light includes Shroud & 12v Cigar Plug w/ 11.5' cord.
- Four versatile mounting options: 1) Permanent Headliner Mount, 2) OEM style Glass Mount, 3) Suction Cup Mount or 4) Prisoner Screen Bracket (for single light only).



Bars are available in solid & split colors in varying lengths for any type of vehicle. Amber LEDs shown.

**OEM Glass Mount Kit:** #PPRDGMBRKT

**\*CA Title 13 Compliant Flash Patterns**

**See Web or Price Guide for Part Numbers.**

TECHNICAL SPECIFICATIONS	
Flash Patterns:	33 flash patterns
Input Voltage Range:	10 - 30 Vdc (single & dual)
Current Consumption:	(pattern dependent)
Single	1.1
Dual	1.1 - 2.0 amps
# of LEDs:	
Single	8 Gen3 LEDs
Dual	16 Gen3 LEDs
Operating Temp.:	-20° to +65°
Dimensions:	width x height x depth
Single w/ Shroud	3.8" w x 1.9" h x 6.9" d
Dual w/ Shroud	7.3" w x 1.9" h x 6.9" d

**Single Light Color Options: Replace "(x)" in Part Number with desired color code.**

A=Amber
  B=Blue
  G=Green
  R=Red
  W=White

**Dual Light Color Options: Replace "(x)" in Part Number with desired color code.**

A=Amber/Amber
 
 E=Blue/White
 
 H=Green/White
 
 L=Red/Green
 
 P=Green/Amber

B=Blue/Blue
 
 F=Amber/White
 
 J=Red/Blue
 
 M=Blue/Amber
 
 R=Red/Red

D=Red/White
 
 G=Green/Green
 
 K=Red/Amber
 
 N=Blue/Green
 
 W=White/White

# LED Visor Lights



**TBO ECN #2011  
(to be obsoleted)**



**Premium Gen2 Visor Light: #ETVLED(x)  
w/ CA Title 13 Steady Red Patterns:  
Red/Red #ETVLEDCAR**

**Economy Gen2 Visor Light: #ETVL1CLD(x)**



**Economy Visor Light shown illuminated in Red LEDs.**



**All our LED Visor Lights easily install with velcro straps and 12v Cigar Plug.**

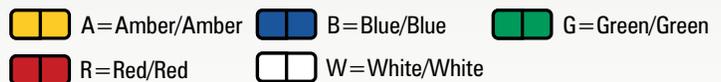


- Covert lighting at it's best! Light is cleverly mounted to the driver or passenger visor & out of view during undercover operations.
- Don't be fooled by substandard copycat visor lights. Look for the SoundOff Signal logo to ensure a quality product.
- Premium light has LCD display that shows pattern selected (not available on the Economy light).
- Non-volatile memory recalls last flash pattern used.
- Lightweight polycarbonate housing with a smooth, clear Lexan polycarbonate lens.
- Includes easy to install 11.5' cord w/ 12v Cigar Plug & Red LED indicator ON light. Adjustable Velcro™ straps fit any size visor.

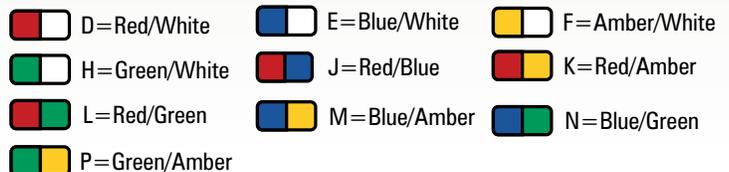
### TECHNICAL SPECIFICATIONS

Flash Patterns:	16 patterns
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	0.70 to 1.40 amps (pattern dependent)
# of LEDs:	86 Gen2 LEDs (43 per side)
Operating Temp.:	-20° to +65°
Dimensions:	length x height x depth
	12.38" l x 3.81" h x 1.15" d

### LED Visor Light Solid Colors:

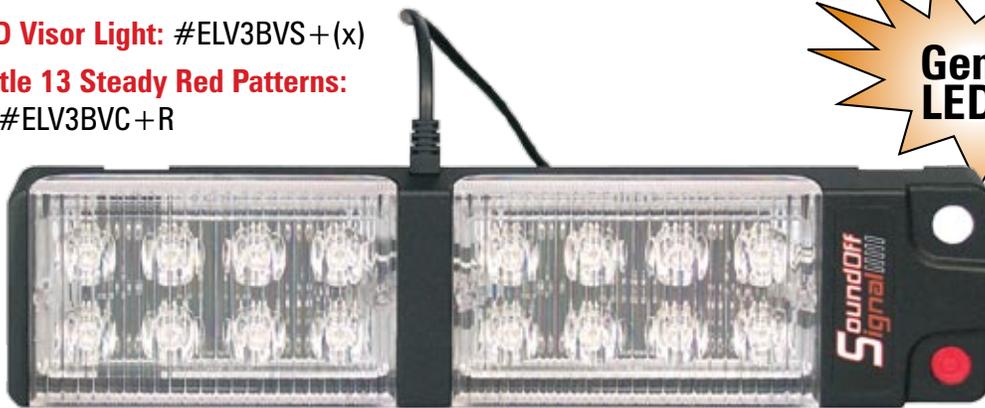


### LED Visor Light Split Colors:

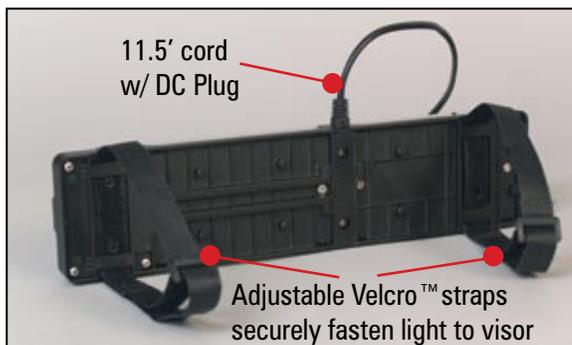


Replace "(x)" in Part Number with desired color code.

**Gen3 LED Visor Light: #ELV3BVS+(x)**  
**w/ CA Title 13 Steady Red Patterns:**  
 Red/Red #ELV3BVC+R



- Gen3 LED Visor Light is smaller & more powerful to provide undercover lighting that is sure to be seen.
- Ideal for undercover detectives, law enforcement professionals & security staff for reliable, bright LED warning light.
- Easy to install - just plug into a 12 Vdc outlet & securely mount to the visor with adjustable Velcro™ straps.
- Light may be hard wired for undercover vehicles to discreetly hide wires when needed (just cut off the DC Plug).
- Non-volatile memory recalls last flash pattern used.
- Built-in protection from reverse polarity & voltage spikes.



11.5' cord  
w/ DC Plug

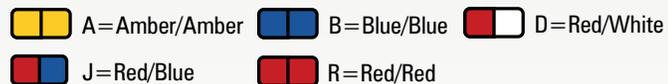
Adjustable Velcro™ straps  
securely fasten light to visor

Light is a breeze to install, simply attach to the visor with the Velcro straps & plug into 12 volt DC plug.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	16 patterns
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	0.75 amps @ 12.8 Vdc 0.35 amps @ 25.6 Vdc
# of LEDs:	16 Gen3 LEDs (8 per module)
Operating Temp.:	-20° to +65°
Dimensions:	length x height x depth
	11.05" l x 2.63" h x 0.85" d

### Gen3 LED Visor Light Colors:



Replace "(x)" in Part Number with desired color code.

NOTE: Call for availability of other colors.



Gen3 LED Visor Light shown illuminated in White & Red LEDs.

# GHOST™ (Gen3 LED)



Perfect for all vehicle applications - edge mounted in the grille of a DOT truck increases visibility.



Versatile & powerful, this mini LED light is available in Solid or Split Colors. Split Amber Light shown in photo.



Two Red Single GHOST lights mounted in the fog lamp of a Dodge truck offer heightened visibility.

- Meet GHOST™ our new line of exceptionally small 6 LED warning lights - now you can have extreme angle mid-level lighting windows because of GHOST's™ unique mounting features.
  - 2 Models Available:
    - 1) Standard Warning Light which includes 3 Mounting Options.
    - 2) Warning Light w/ Heavy Duty Rock Bracket.
- Stop/Tail version available in both models which provides a low power Steady Red Running Light. Once brake is applied light flashes 5 times & remains on at full power while brake is activated. Ships with Permanent Mount & 3M Adhesive mount (edge mount bracket not included).
- Standard Warning Light includes three versatile mounting options & 18" of 3-wire shielded cable for installation.
  - Mounts included:
    - 1) Permanent Mount - screw mount is ideal for any exterior or interior application.
    - 2) Adhesive Mount - Super Duty Automotive Grade 3M Tape holds the light securely in place without drilling holes.
    - 3) Edge Mount - "U" Bracket that slips onto the edge of the hood, grille or trunk edges with requiring drill holes into the body of the vehicle.
- Warning Light w/ Heavy Duty Rock Bracket includes a versatile, anti-crush bracket for additional mounting flexibility.
- Both lights are moisture and vibration resistant for heavy duty exterior or interior applications.

TECHNICAL SPECIFICATIONS	
Flash Patterns:	33 flash patterns
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	< 0.75 amps per module
# of LEDs:	6 Gen3 LEDs per module
Light Sync Technology:	Yes
Operating Temperature:	-20° to +65° C
Dimensions:	width x height x depth
	4" w x 0.88" h x 1.75" d

GHOST Color Options: Replace "(x)" in Part Number with desired color code.

- |         |               |               |
|---------|---------------|---------------|
| A=Amber | D=Red/White   | J=Red/Blue    |
| B=Blue  | E=Blue/White  | M=Blue/Amber  |
| G=Green | H=Green/White | P=Green/Amber |
| R=Red   |               |               |
| W=White |               |               |

# GHOST™

## **GHOST™ Mini Warning Light**

Black Single #EGHST1(x)

Black Dual #EGHDT1(xx)

White Single #EGHST1(x)W

White Dual #EGHDT1(xx)W



## **GHOST™ Red Stop/Tail Light**

Black Single Red Stop/Tail Light #EGHSTTR

White Single Red Stop/Tail Light #EGHSTTRW

**3M Super Duty Adhesive Mount**



**Permanent Mount**



**Single Edge Mount Bracket**



**Dual Edge Mount**



Light is smaller than a quarter  
at just 0.88" high.



Light head can be  
adjusted up or down by 30°.



**GHOST™ Warning Light  
w/ Severe Duty Rock Bracket**  
Black Single #EGHST3(x)

**GHOST™ Red Stop/Tail Light  
w/ Severe Duty Rock Bracket**  
Black Single #EGHSTTR3R



5.25" l x 2.0" h x 1.75" d



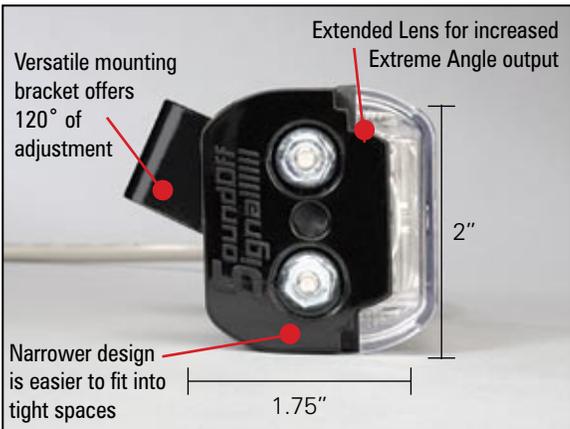
Directional LED - GHOST™ Dash/Deck/Grille

1.800.338.7337 / www.soundoffsignal.com

# Predator™ & Predator 2™



Two Dual Predator 2™ Lights installed in the front grille of a utility vehicle.



Versatile mounting bracket has greater mounting applications for all types of vehicles.



Light is designed for reliability & durability with advanced features for dispersing maximum output.



## Predator 2™

- **Greater Extreme Angle output** with an extended lens design that enhances side visibility like never before.
- Made with 8 powerful Gen3 LEDs per module in a new stylish & tough weatherproof housing that can be mounted in the interior or exterior of your vehicle.
- Versatile Mounting Bracket design allows for up to 120° of adjustment making it easier to install in the rear deck, interior headliner, inside the grille or front push bumper.
- Features Light Sync Technology to synchronize up to 4 lights to flash simultaneously or alternating.
- Non-volatile memory recalls last flash pattern used.
- Both lights include 18" of 3-wire shielded cable.

## Predator™

- Enhanced off angle visibility with added side lens to boost off angle of light output.
- Narrow design & reliability make this durable light perfect for grille or headliner mounts on all types of vehicles.
- Versatile bracket design allows for 120° of adjustment to boost light output where needed.
- Features side wire exit & narrower design for easier installation in tight areas.
- Non-volatile memory recalls last flash pattern used.

### TECHNICAL SPECIFICATIONS

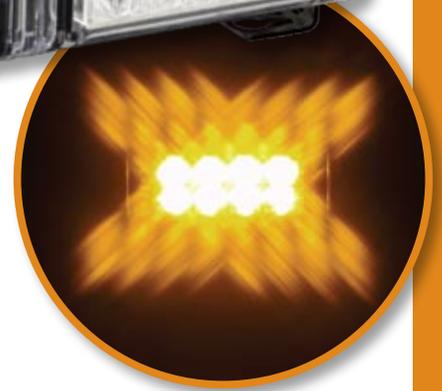
Flash Patterns:	33 flash patterns (both single & dual)
Input Voltage Range:	Predator 2 10 - 30 Vdc Predator 10 - 16 Vdc
Current Consumption:	
Single	1.1 amps max
Dual	1.1 to 2.0 amps max (flash pattern dependent)
LED info:	GEN3 LEDs
Predator 2	Single - 8 Gen3 LEDs, Dual - 16 LEDs
Predator	Single - 6 Gen3 LEDs, Dual - 12 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-20° to +65° C
Dimensions:	width x height x depth
Single	4.27" w x 2.35" h x 1.75" d
Dual	8.54" w x 2.35" h x 1.75" d



**Predator 2™ Single Split Color Light #EP2SGS2(x)**

**Predator 2™ Single Solid Color Light #EP2SGS1(x)**

**Predator 2™ Dual Light #EP2DGS1(x)**



**Our Predator 2™ products offer Extreme Angle visibility, beating our competition every time in off angle comparisons.**



**Predator™ Dual Light #EPRDDGS1(x)**



**Predator™ Single Solid Color Light #EPRDSGS1(x)**

**Single Light Color Options: Replace "(x)" in Part Number with desired color code.**

A=Amber    
  B=Blue    
  G=Green    
  R=Red    
  W=White

**Single Split & Dual Light Color Options: Replace "(x)" in Part Number with desired color code.**

A=Amber/Amber    
 
 E=Blue/White    
 
 H=Green/White    
 
 L=Red/Green    
 
 P=Green/Amber  

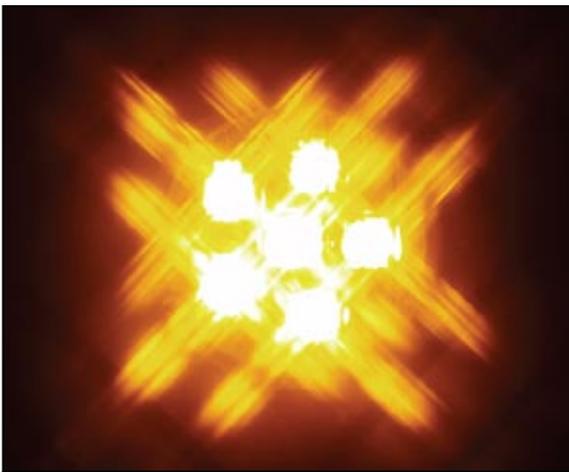
 B=Blue/Blue    
 
 F=Amber/White    
 
 J=Red/Blue    
 
 M=Blue/Amber    
 
 R=Red/Red  

 D=Red/White    
 
 G=Green/Green    
 
 K=Red/Amber    
 
 N=Blue/Green    
 
 W=White/White

# PAR 36 (Gen3 LED)



Available in 4 safety colors. PAR 36 housing, bracket and 5' of 3-wire shielded cable included.



Unmatched brightness with Gen3 LEDs have a low amp draw and never need a bulb changed.



**Par 36 Gen3 Light**  
#E36REBB3(xx)

Durable, weatherproof rubber housing protects light while versatile mounting bracket positions light where needed.

## Features

- Our newest Par 36 light offers unmatched power & brightness with Gen3 LEDs.
- Also available as a Recessed/Flush Mount light, see pg. 40 for more information on the Flush Mount light.
- Rugged black rubber housing is great for exterior use.
- Light is made with a durable & scratch resistant polycarbonate lens.
- Light can be mounted up, down or from the side depending on your needs.
- Self-contained light features 16 user selectable flash patterns or light can be put in slave mode & driven through an external flasher when needed.
- Flash pattern memory capability - select your favorite pattern & the light will always activate to that pattern every time it is powered up.
- Designed with Light Sync Technology that allows you to synchronize up to four lights to flash simultaneously or alternating.
- Light includes versatile mounting bracket & 5' of 3-wire shielded cable.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	16 patterns
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	1 amp
# of LEDs:	6 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	diameter x height x depth
w/ Housing & Bracket	4.84" diam. x 5.95" h x 3.25" d

#### PAR 36 Gen3 Color Lens ( LED Color/Lens Color):

- AA= Amber/Amber
  BB= Blue/Blue  
 RR= Red/Red

#### PAR 36 Gen3 Clear Lens (LED Color/Lens Color):

- A= Amber/Clear
  B= Blue/Clear  
 R= Red/Clear
  W= White/Clear

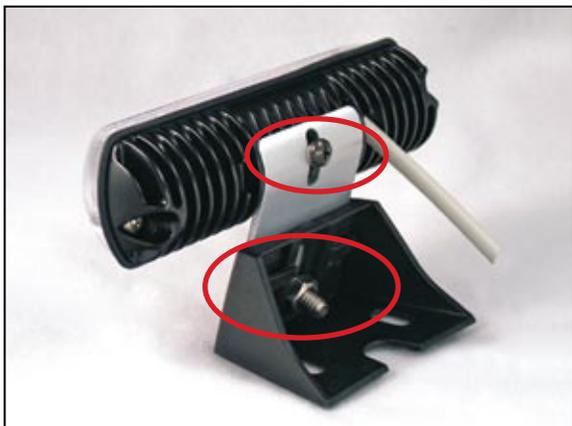
Replace "(x)" in Part Number with desired color code.



**XP 63 LED Deck/Grille Light**  
 #EL6GD(x) 12 volt  
 #EL6GD3Ø(x) 10-30 vdc



The XP 63 Light is a great light with all kinds of applications for interior or exterior use.



Versatile light adjust output where needed with height & tilt adjustments built into the bracket.

**Solid Colors:**

- A=Amber
- R=Red
- B=Blue
- W=White
- G=Green

**Split Colors:**

- D=Red/White
- J=Red/Blue
- E=Blue/White

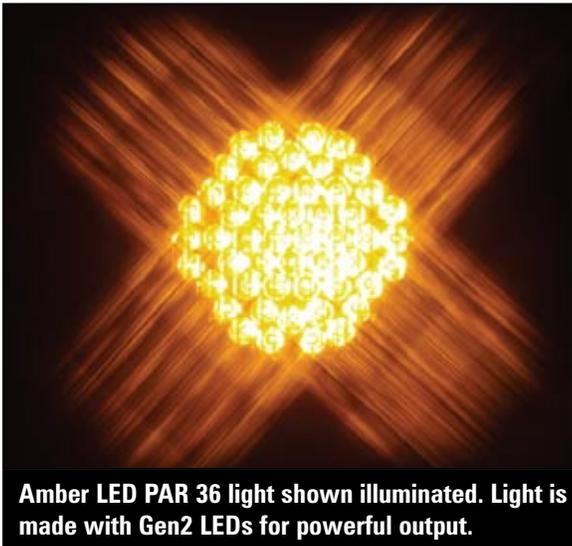
Replace "(x)" in Part Number with desired color code.

## Features

- Brilliant Gen3 LEDs packed into a small & aerodynamic shape with adjustable bracket features.
- Value priced light stretches your budget dollars.
- Compact design can be mounted just about anywhere.
- One light, two colors - Split Colors are available.
- Versatile & flexible mounting bracket allows light to be installed practically anywhere.
- Light head can be adjusted to tilt up or down depending on how you need to angle the light for maximum warning power & visibility.
- Features Light Sync Technology to synchronize up to four lights to flash simultaneously or alternating - compatible with all SoundOff Signal products with Light Sync Technology.
- Light is made with black polycarbonate base, unique & efficient heat sink, steel adjustable bracket & clear polycarbonate lens for pure LED light output.
- Weatherproof design can be used for interior or exterior applications.
- Non-volatile memory recalls last flash pattern upon power up.

TECHNICAL SPECIFICATIONS	
Flash Patterns:	16 patterns
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	less than 1 amp
# of LEDs:	6 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	<u>w</u> idth x <u>h</u> eight x <u>d</u> epth
Light (lens only)	5.09" w x 1.46" h
Bracket	2.61" wide x 2" depth Min. height 2.85"/Max. height 6.17"

# PAR 36 (Gen2 LED)



Amber LED PAR 36 light shown illuminated. Light is made with Gen2 LEDs for powerful output.



Light has a durable, weatherproof protective housing with versatile mounting bracket.



Light is designed with premium optics & reflector cells to enhance & boost visibility.



## Features

- Engineered with our exclusive Reflector Cell Technology, a specially designed lens that concentrates the Gen2 LEDs into a solid beam of light for greater warning power available in 12 or 24 volt.

### Par 36 Gen2 Light:

**12 volt #E36REBB(x)**

**24 volt #E36REBB-24(x)**

**(24 volt only available in Amber, Blue or Red)**

- Self-contained model with 8 built-in flash patterns.
- Can be operated "remotely" through an external flasher.
- Encased within a weatherproof black rubber housing which makes it a great light for outdoor use.
- Perfect for motorcycle applications - bracket & housing can be removed so you can install the lights on police package motorcycles.
- U-bracket is suitable for up or down mounting on wrecker/tow/DOT trucks or off road vehicles.
- Made with a durable clear polycarbonate lens, black rubber housing & steel "u-bracket" with 15' of 3-wire shielded cable.

## TECHNICAL SPECIFICATIONS

	12 Volt Light	24 Volt Light
Flash Patterns:	8 patterns	
Input Voltage Range:	10 - 16 Vdc	18 - 30
Current Consumption:	0.35 - 0.5 amps	.175 - .250 amps
# of LEDs:	52 Gen2 LEDs	
Light Sync Technology:	No	
Operating Temperature:	-40° to +65° C	
Dimensions:	diameter x height x depth	
w/ Housing & Bracket	4.89" diam. x 5.95" h x 3" d	

### PAR 36 Gen2 Clear Lens (LED Color/Lens Color):

- A = Amber/Clear       R = Red/Clear
- B = Blue/Clear       W = White/Clear
- G = Green/Clear

Replace "(x)" in Part Number with desired color code.

**NOTE: 24 volt available in Amber, Blue or Red LEDs only.**

# R4 Series

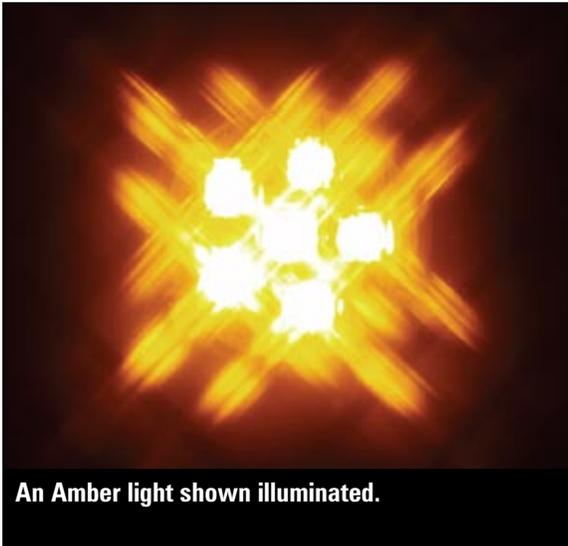
by SoundOff Signal **Gen 3**



**R4 Series 4" Round Gen3 Light w/ Black Rubber Grommet**  
 Color Lens: #ERDREBZ3(xx)  
 Clear Lens: #ERDREBZ3(x)C  
 Chromed Dress Ring: #ECVR4CHRM



**Optional Chromed Dress Ring available to complement your vehicles accessories.**



**An Amber light shown illuminated.**

**PAR 36 Gen3 Color Lens ( LED Color/Lens Color):**

AA = Amber/Amber    BB = Blue/Blue  
 RR = Red/Red

**PAR 36 Gen3 Clear Lens (LED Color/Lens Color):**

A = Amber/Clear    B = Blue/Clear  
 R = Red/Clear    W = White/Clear

Replace "(x)" in Part Number with desired color code.



- High intensity R4 Series Gen3 LED light offers unmatched power & brightness in a 4" round light.
- Equipped with 16 flash patterns. Light can be driven through & external flasher by enabling slave mode.
- Flash Pattern Memory - select your favorite pattern & the light will activate to that pattern every time it is powered up.
- Designed with Light Sync Technology that allows you to synchronize up to four lights to flash simultaneously or alternating - all products that feature Light Sync Technology can be wired to flash together.
- Durable polycarbonate lens is UV resistant to prevent yellowing or fading of the lens.
- Light includes Black Rubber Grommet & 18" of 3-Wire Shielded Cable for installation.

**TECHNICAL SPECIFICATIONS**

Flash Patterns:	16
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	1 amp
# of LEDs:	6 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	diameter x depth
Light only	4" diam. x 1.25" d
Rubber Grommet	5.1875" diam. x 1.25" d
Chrome Finish Dress Ring	5.75" diam. x 0.44" d
Snap Ring	5.44" diam. x 1" d

Directional LED - PAR 36 Gen2 & 4" Rounds

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# 4" Round (Gen2 LED)



Light has attached AMP connector & ships Mating Harness & Black Rubber Grommet (both shown).



Recessed mount design can be used on all types of vehicles with a standard 4" round cutout.



Chromed Dress Ring (center), Black Snap Ring (right) & Black Rubber Grommet (left).



## Features

- Best in Class Appearance.
- Self-contained with 8 built-in flash patterns.
- Weatherproof design for all vehicles & applications.
- Collimating lenses concentrate light into an intensified pattern of light - no dark spots or voids.
- Available in a Clear lens for a sleek appearance.
- Light includes 3-wire lead w/ AMP Sure Seal Connector, Black Rubber Grommet & Mating Harness.
- 24 volt option is available in select colors - Amber, Blue & Red LEDs only.

**12 Volt Light w/ Rubber Grommet:** #ERDREBZ(x)

**24 Volt Light w/ Rubber Grommet:** #ERDREBZ-24(x)

**Chrome Finish Dress Ring:** #ECVR4CHRM

(mounts over Rubber Grommet shipped with light)

TECHNICAL SPECIFICATIONS		
	12 volt	24 volt
Flash Patterns:	8	8
Input Voltage Range:	10 - 16 Vdc	18 - 30
Current Consumption:	0.35 - 0.5 amps	.175 - .250 amps
# of LEDs:	52 Gen2 LEDs	
Light Sync Technology:	No	
Operating Temperature:	-40° to +65° C	
Dimensions:	diameter x depth	
Light	4" diam. x 1.25" d	
Rubber Grommet	5.1875" diam. x 1.25" d	
Snap Ring	5.44" diam. x 1" d	
Chrome Finish Dress Ring	5.75" diam. x 0.44" d	

### 12 Volt Color Options:

- A=Amber
- R=Red
- B=Blue
- W=White
- G=Green

### 24 Volt Color Options:

- A=Amber
- R=Red
- B=Blue

Replace "(x)" in Part Number with desired color code.

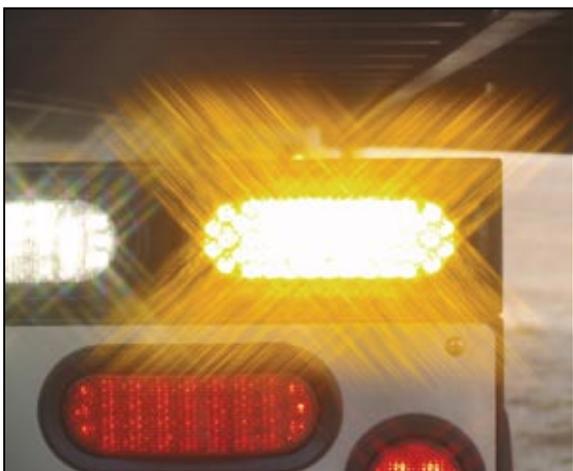
# 6" Oval (Gen2 LED)



6" Oval Back Up, Stop/Turn/Tail, Yellow Turns & 2.5" Round LED lights shown on the rear of a tow truck.



Stylish & rustproof optional chrome dress ring is available (order separately) complements other vehicle accessories.



Yellow Turn 6" Oval LED light shown illuminated. Lights mounted on the rear of a tow truck.



## Features

- Best in Class Appearance.
- Self-contained with 8 built-in flash patterns, no external flasher required.
- Collimating lenses concentrate light into an intensified pattern of light - no dark spots or voids.
- Weatherproof design is great for outdoor applications.
- Light includes 3-wire lead w/ AMP Sure Seal Connector, Black Rubber Grommet & Mating Harness.
- 24 volt option is available in select colors - Amber, Blue & Red LEDs only.

**12 Volt Light w/ Rubber Grommet:** #EOVREBZ(x)

**24 Volt Light w/ Rubber Grommet:** #EOVREBZ-24(x)

**Chrome Finish Dress Ring:** #ECVO6CHRM

(mounts over Rubber Grommet shipped with light)

### TECHNICAL SPECIFICATIONS

	12 volt	24 volt
Flash Patterns:	8	8
Input Voltage Range:	10 - 16 Vdc	18 - 30
Current Consumption:	0.35 - 0.55 amps	
# of LEDs:	57 Gen2 LEDs	
Light Sync Technology:	No	
Operating Temperature:	-40° to +65° C	
Dimensions:	length x height x depth	
Light	6.38" l x 2.19" h x 1.5" d	
Rubber Grommet	7.44" l x 3.38" h x 1" d	
Snap Ring	7.69" l x 3.5" h x 1.06" d	
Chrome Finish Dress Ring	7.44" l x 3.38" h x 0.44" d	

#### 12 Volt Color Options:

- A=Amber
- R=Red
- B=Blue
- W=White
- G=Green

#### 24 Volt Color Options:

- A=Amber
- R=Red
- B=Blue

Replace "(x)" in Part Number with desired color code.



**LED3 Mini Lights provide a bright warning signal. Ford F-250 shown w/ Dual Vertical License Plate Brackets add great rear visibility to the vehicle.**



Universal Grille Bracket  
#EL3SNBRK1GRU



45° Bracket  
Vertical #EL3SNBRK145  
Horizontal # EL3SNHBRK145



90° Bracket  
#EL3SNBRK190



Side-by-Side 90° Bracket  
#EL3SNBRK290H



Stacked 90° Bracket  
#EL3SNBRK290V (horiz. mount)



Stacked 90° Bracket  
#EL3SNBRK290V (vertical mount)



Universal Lic. Plate Bracket:  
Horizontal (shown) #EL3SNBRK2LPH  
Vertical #EL3SNBRK2LPV

Ford Crown Vic, Chevy Impala  
& Dodge Charger (2006) Bracket:  
Horiz. Lic. Plate Bracket #EL3SNBRK2LPHE  
Vertical Lic. Plate Bracket #EL3SNBRK2LPVE



Single Bezel #PEL3BZSG(x)



Bezels available in:  
Black=B, Chrome=C, White=W



Dual Stacked Bezel #PEL3BDS(x)



Dual Side-by-Side Bezel #PEL3BZSS(x)

# LED3

## MINI LIGHT

by SoundOff Signal



### LED3 Mini Light

10-16 Vdc: #EL3SN(x), 10-30 Vdc: #EL3SN30(x)

- Powerful, versatile surface mount light. Optional Brackets & Bezels offer a variety of mounting applications on all types of vehicles.
- Black powder coated aluminum housing w/ clear Lexan polycarbonate lens.
- Weatherproof design has superior performance regardless of weather conditions.
- **Light Sync Technology** - all lights with this function are compatible & can be wired to flash alternating or simultaneously (4 lights maximum).
- Includes Rubber Mounting Gasket, 18" of 3-Wire Shielded Cable & Mounting Hardware for installation.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	33 flash patterns
Input Voltage Range:	10 - 16 Vdc or 10 - 30 Vdc
Current Consumption:	0.5 amps
# of LEDs:	3 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	width x height x depth 2.5" w x 1.375" h x 1.25" d

### LED3 Mini Light Color Options:

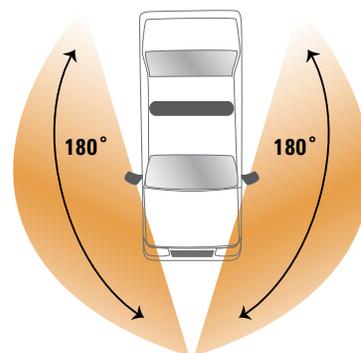
- A=Amber
- R=Red
- B=Blue
- W=White
- G=Green

Replace "(x)" in Part Number with desired color code.

# intersector™

by SoundOff Signal

**NEW!**



**NEW!** #ENT2B3(x) Intersector™ LED Light



Designed to mount under the mirror on all types of vehicles or can be surface mounted to any flat area.



**Powerful 180 degree output**

The first light of it's kind to provide a critical intersection warning signal on emergency vehicles.



Ships with 1-light & gasket, inline flasher w/ harness, 3 angle wedges & 2 adaptors for a variety of mounts.

- **Innovative Intersector™ light** offers a distinct safety advantage that no other light can offer. Compact & bright, the light is designed to mount under the mirror, but can be surface mounted if desired. Light includes a variety of Custom Wedges & Adaptors for versatile mounting under the mirrors or surface mounted to any flat area.
- **Intense 180° output** is maximized by the specially designed reflector that amplifies & throws the light at a perfect angle for intersection warning increasing driver safety & the safety of other motorists.
- Building block design; use the included wedges & adaptors to custom fit the light to your vehicle mirrors or surface mount installs:
  - 0° Wedge: for flat surface mounts.
  - 5° Wedge: for use on a variety of truck mirrors.
  - 10° Wedge: for use on Tahoe & a variety truck mirrors.
- Made with 9 extremely bright & powerful Gen3 LEDs.
- Includes: 1-light w/ gasket, 1-inline flasher, 3-angle wedges in 0°, 5° & 10° & 2-adaptors with mounting hardware.

## TECHNICAL SPECIFICATIONS

Flash Patterns:	30 flash patterns
Colors:	Amber, Blue, Green, Red & White (Solid Colors ONLY)
Light Sync Technology:	Yes - Up to 4 lights (compatible with other Light Sync products)
LED Info:	9 Gen3 LEDs
Input Voltage Range:	10 - 16 Vdc
Current Draw:	less than 1.5 amps
Operating Temp.:	-40° to +65° C
Dimensions:	1.88" height x 2.88" width x 2.93" depth
Mounting:	Under Mirror Mounts or Surface Mounts

Perimeter Lts. - Intersector™ & LED3 Mini

1.800.338.7337 / www.soundoffsignal.com

# RAPTOR™

**EXPLOSIVE POWER. EXTREME ANGLE.**



Raptor™ Single Surface Mount light is made with a durable & corrosion resistant Xylex lens & housing.

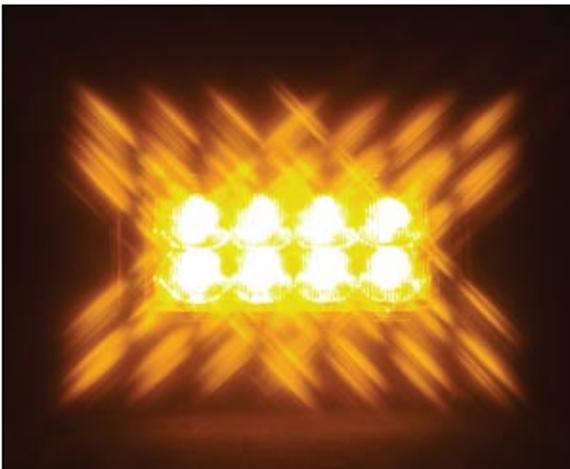
## Raptor™ SSM Light

Black Housing: #ERPT1SSMDB(x)

(Blue light only)

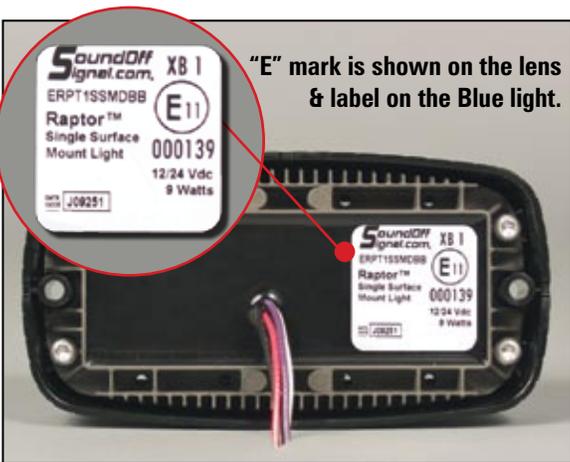


- Housing is made from a molded & durable Xylex housing that resists rust & corrosion. The Raptor™ housing was specifically designed to resist water & cleansing agent corrosion incurred from frequently washing vehicles.
- Features Predator 2 Extreme Angle Output.
- Sealed with an o-ring design which requires less pressure on the screws holding the parts together which reduces stress to the screw bosses.
- Weatherproof light with treated, potted internal heat sink that protects the internal components.
- ECE65 compliance: Blue LED light only. Specification for international vehicles. ECE65 regulates color, light output/angle & weatherproofing properties.



Raptor™ features the power of Predator 2™. Light is encased in a durable, corrosion resistant housing.

TECHNICAL SPECIFICATIONS	
Input Voltage Range:	10 - 30 Vdc
Current Draw:	Less than 2 amps
LED Info:	8 Gen3 LEDs
Light Sync:	Yes
Flash Patterns:	6 (3 Simultaneous, 3 Alternating)
Operating Temp.:	-40° to +65° C
Dimensions:	(width x height x depth)
inches	4.98" w x 2.75" h x 1.39" d
millimeters	126 mm w x 70 mm h x 35 mm d



Labeling on Blue LED light clearly shows "e" mark designated for ECE65 compliant lights for international use.

### Color Options:

- A=Amber
- R=Red
- B=Blue
- W=White

Replace "(x)" in Part Number with desired color code.

# GHOST™



### GHOST™ Single Surface Mount Light

Black Housing: #EGHST2(x), White Housing: #EGHST2(x)W, Chrome Housing: #EGHST2(x)C

### GHOST™ Red Stop/Tail Light

Black Housing: #EGHSTT2R, White Housing: #EGHSTT2RW, Chrome Housing: #EGHSTT2RC



Solid or Split Colors available in 16 different safety colors for any market. Amber LEDs shown.

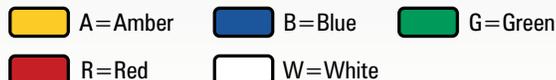
- Our popular GHOST™ light now in a versatile, powerful surface mount. Light is encased in a sleek die cast aluminum housing in your choice of Black, White or Chrome.
- Red Stop/Tail version is a low power, Steady-on Red Running Light. Once brake is applied light flashes 5 times & remains on at full power while brake is activated.
- Light includes Santoprene Rubber Mounting Gasket, 18" of 3-Wire Shielded Cable & Mounting Hardware for installation.

#### TECHNICAL SPECIFICATIONS

Input Voltage Range:	10 - 30 Vdc
Current Draw:	< 1 amp
# of LEDs:	6 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temp.:	-40° to +65° C
Dimensions:	5.7" width x 1.8" height x 1.1" depth

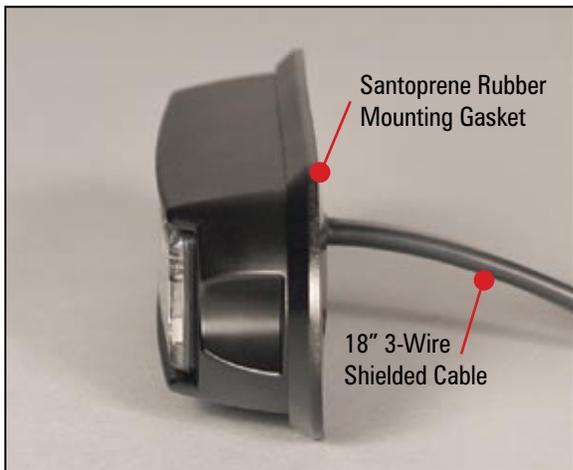
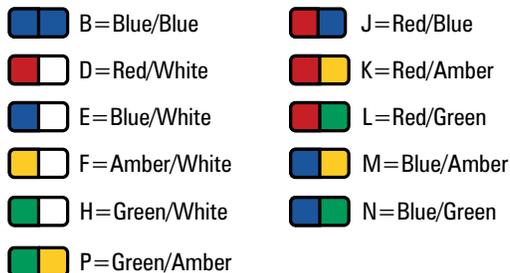
#### Solid Color Options:

Replace "(x)" in Part Number with desired color code.



#### Split Color Options:

Replace "(x)" in Part Number with desired color code.



New sleek Surface Mount Housing provides more mounting applications for your favorite light.

# Predator 2™ (Gen3 LED)



Amber LED Single Surface Mount Light shown mounted to the body of a tow truck.



Dual Side-by-Side light shown mounted to the rear of a work truck.



Light shown mounted under the bed of a tow truck with optional 90 Degree Bracket.



- Exclusive **Extreme Angle optics** creates the brightest & widest angle of light output possible that consistently outperforms the competition.
- Heavy duty, surface mount design can be used on all types of vehicles to enhance visibility & safety with reliable, low maintenance LED technology.
- Offered in 15 LED color combinations for any market.
- Dual Stacked Stop/Tail Light available for Motorcycle & Truck applications. Upper module is a warning module in your choice of color. Lower module is Red LED Stop/Tail module.
- **Light Sync Technology** - all lights with this function are compatible. Lights are synchronized to flash alternating or simultaneously (4 lights maximum).
- Crystal clear Lexan polycarbonate with a UV inhibitor to prevent yellowing of the lens.
- Die cast aluminum housing finished with a Black or White powder coat finish. Chrome Housing is a high luster, nickel plated finish. Call for White housing availability & minimums.
- Includes Santoprene Rubber Mounting Gasket, 18" of 3-wire Shielded Cable & Mounting Hardware for installation.

## TECHNICAL SPECIFICATIONS

Flash Patterns:	33 flash patterns (Single ECE65 light - 2 flash patterns)
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	1.1 to 2.0 amps (pattern dependent)
# of LEDs:	Single: 8 Gen3 LEDs Duals: 16 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	width x height x depth
Single	4.5" w x 2.375" h x 1.25" d
Dual Stacked	3.8" w x 4.49" h x 1.25" d
Dual Side-by-Side	8.2" w x 2.38" h x 1.25" d

**Single Surface Mount Light**

- Black Housing: #EP2SSMDB(x)
- White Housing: #EP2SSMDB(x)W
- Chrome Housing: #EP2SSMDB(x)C

**Split Color Single Surface Mount Light**

- Black Housing: #EP2SSMBS(x)
- White Housing: #EP2SSMWS(x)
- Chrome Housing: #EP2SSMCS(x)



**Predator 2 ECE65 Certified Single Surface Mount Light**  
Blue LEDs: #EP2SSMDBB-EC



**Dual Stacked Surface Mount**

- Black Housing: #EP2DSMDB(x)
- White Housing: #EP2DSMDB(x)W
- Chrome Housing: #EP2DSMDB(x)C



**Dual Stacked Stop/Tail Light**

- Black Housing: #EP2DSMSTT(x)
  - White Housing: #EP2DSMSTT(x)W
  - Chrome Housing: #EP2DSMSTT(x)C
- Bottom Module is Red w/ Stop/Tail function.  
Upper Module can be Amber, Red or Blue.



**Dual Side-by-Side Surface Mount**

- Black Housing: #EP2DSSDB(x)
- White Housing: #EP2DSSDB(x)W
- Chrome Housing: #EP2DSSDB(x)C



BRACKETS

**License Plate Dual Side-by-Side Bracket:**



#PPDSMLBKCV

**45° Bracket:**



Vertical #PPRSM45BRKT  
Horiz. #PPRSM45HBRKT

**90° Bracket:**



#PPRSM90BRKT

COLORS

**Single Light Color Options: Replace "(x)" in Part Number with desired color code.**

- A=Amber
- B=Blue
- G=Green
- R=Red
- W=White

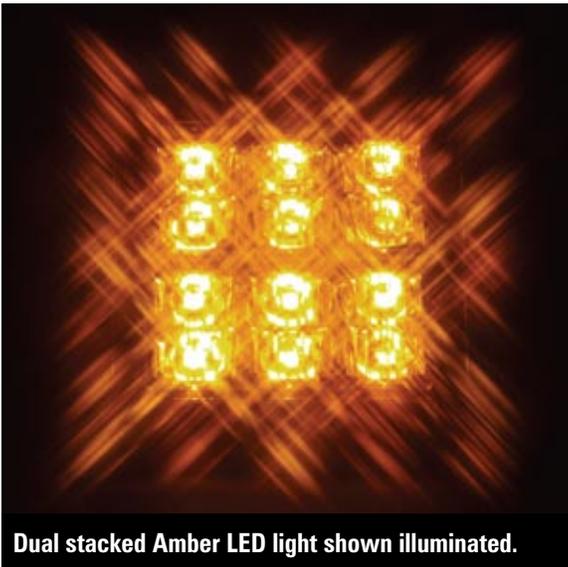
**Dual Light Color Options: Replace "(x)" in Part Number with desired color code.**

- A=Amber/Amber
- E=Blue/White
- H=Green/White
- L=Red/Green
- P=Green/Amber
- B=Blue/Blue
- F=Amber/White
- J=Red/Blue
- M=Blue/Amber
- R=Red/Red
- D=Red/White
- G=Green/Green
- K=Red/Amber
- N=Blue/Green
- W=White/White

# Predator™ (Gen3 LED)



Light has extended side lens design to offer increased off angle visibility.



Dual stacked Amber LED light shown illuminated.



Single light mounted on the side fender of a tow truck offers bright output on each side.

## Features

- Heavy duty, surface mount design can be used on all types of vehicles to enhance visibility & safety with reliable, low maintenance LED technology.
- Can be surface mounted directly to the body of the vehicle with optional brackets for mounting around the license plate, as well as a 45 Degree & 90 Degree Brackets for versatility.
- **Light Sync Technology** - all lights with this function are compatible. Lights are synchronized to flash alternating or simultaneously (4 lights maximum).
- Crystal clear Lexan polycarbonate with an UV inhibitor that prevents yellowing of the lens.
- Die cast aluminum housing finished with a Black or White powder coat finish. Chrome Housing is a high luster, nickel plated finish. Call for White housing availability & minimums.
- Includes Santoprene Rubber Mounting Gasket, 18" of 3-wire Shielded Cable & Mounting Hardware for installation.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	33 flash patterns
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	1.1 to 2 amps (pattern dependant)
# of LEDs:	Single: 6 Gen3 LEDs Dual: 12 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	<u>w</u> idth x <u>h</u> eight x <u>d</u> epth
Single	4.5" w x 2.36" h x 1.25" d
Dual Stacked	3.8" w x 4.49" h x 1.25" d
Side-by-Side	8.2" w x 2.38" h x 1.25" d



**Single Surface Mount Light**

Black Housing: #EPRDSSMDB(x)  
 White Housing: #EPRDSSMDB(x)W  
 Chrome Housing: #EPRDSSMDB(x)C



**Dual Stacked Light**

Black Housing: #EPRDDSMDB(x)  
 White Housing: #EPRDDSMDB(x)W  
 Chrome Housing: #EPRDDSMDB(x)C



**Dual Side-by-Side Light**

Black Housing: #EPRDSSDB(x)  
 White Housing: #EPRDSSDB(x)W  
 Chrome Housing: #EPRDSSDB(x)C

**License Plate  
 Dual Side-by-Side Bracket:**



#PPDSMLBKCV

**45° Bracket:**



Vertical #PPRSM45BRKT  
 Horiz. #PPRSM45HBRKT

**90° Bracket:**



#PPRSM90BRKT

BRACKETS

COLORS

Single Light Color Options: Replace "(x)" in Part Number with desired color code.

A=Amber    
  B=Blue    
  G=Green    
  R=Red    
  W=White

Dual Light Color Options: Replace "(x)" in Part Number with desired color code.

A=Amber/Amber    
 
 E=Blue/White    
 
 H=Green/White    
 
 L=Red/Green    
 
 P=Green/Amber  

 B=Blue/Blue    
 
 F=Amber/White    
 
 J=Red/Blue    
 
 M=Blue/Amber    
 
 R=Red/Red  

 D=Red/White    
 
 G=Green/Green    
 
 K=Red/Amber    
 
 N=Blue/Green    
 
 W=White/White

# Signal Lights *(See Website for Full Line of LED Signal Lights & Markers)*

## 6" Oval Back Up Lights - Dual Light Applications\*

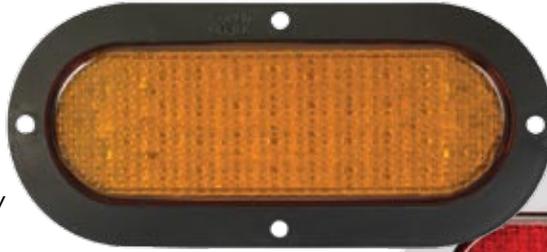
- Lamp Only - #ECV061B2W
- w/ Rubber Grommet - #ECV062B2W
- w/ Snap Ring - #ECV063B2W
- w/ Waterproof Mounting Flange - #ECV064B2W

\*Single Light Applications also available, see web.



## 6" Oval Yellow Rear Turn

- Lamp Only - #ECV061TY
  - w/ Rubber Grommet - #ECV062TY
  - w/ Snap Ring - #ECV063TY
  - w/ Waterproof Mounting Flange - #ECV064TY
- \*Add "C" to the end of Part Number for a Clear Lens



## 6" Oval Red Stop/Tail/Turn

- Lamp Only - #ECV061STT
- w/ Rubber Grommet - #ECV062STT
- w/ Snap Ring - #ECV063STT
- w/ Waterproof Mounting Flange - #ECV064STT



6 Oval Warning Lights, Stop/Turn/Tail, Back Ups & 2.5" Marker lights shown.



- Best in Class Appearance.
- #ECV064 models features an integrated waterproof flange for water tight application. Light has an affixed gasket behind it for a water tight seal. This prevents water from getting behind the light & leaking into the bus (interior floors, sheet metal), eliminating rot issues associated with water and road chemicals.
- Advanced optical technology surpasses standard requirements & consistently outperforms the competition in ALL weather conditions.
- Innovative lens optics provide wider angle of light resulting in greater side visibility.
- Includes 8" wire length w/ AMP Sure Seal Connector & mating harness.
- Available with Rubber Grommet, Snap Flange, Waterproof Mounting Flange with optional Stainless Steel Dress Ring. Chromed Dress Ring also available (**see website for more information & part numbers, [www.soundoffsignal.com/indexpages/bus-truck/signal\\_index.htm](http://www.soundoffsignal.com/indexpages/bus-truck/signal_index.htm)**).



Please visit our website for a complete line of LED Signal products for Bus & Truck use available.

# Signal Lights (See Website for Full Line of LED Signal Lights & Markers)

Signal Lights - 4" Rounds & 6" Ovals (see web for complete line)



**4" Round R4 RD Series**  
**Yellow Turn (TY) Light #ECVR4(x)TY-RD**  
**Red STT Light #ECVR4(x)STT-RD**

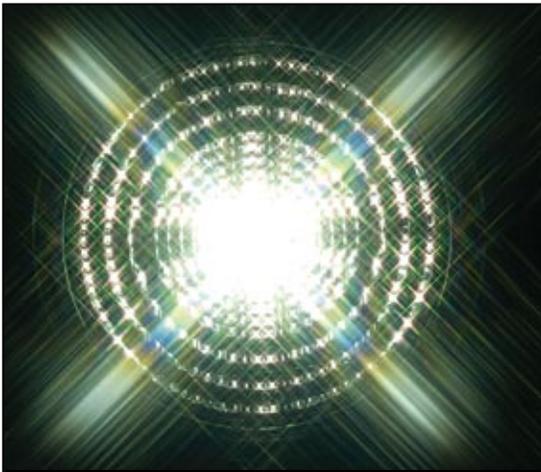


## Gen3 Single Diode Backup/Reverse Lights

- 4" Round Light only #ECVR41B3W
- 4" Round w/ Grommet & Pigtail #ECVR42B3W
- 4" Round w/ Snap Ring & Pigtail #ECVR43B3W
- 4" Round w/ Integrated Waterproof Flange & Pigtail #ECVR44B3W



R4 RD Series lights are made with bright Gen2 LEDs and have a low price for budget conscious fleets.



Gen3 LED Back Up light features a single ultra bright LED at a very attractive price point.

- New R4 RD Series Signal lights are standard 4" round lights with a lower price for school bus, truck & trailer fleets to take advantage of low amp draw, reliability, better performance and reduced maintenance costs.
- New powerful, single diode 4" Round & 7" Round Backup/Reverse lights from SoundOff Signal are economically priced for bus & truck fleets. Designed for Dual Light Applications.
- Available in Red Stop/Tail/Turn, Yellow Turn & Red STT/License Plate Combination light with built-in white LEDs to illuminate bus number or license plate.
- STT/License Plate Light is a dual function light that surface mounts above the bus number or license plate.
- Lights are Reverse Polarity Protected with a scratch resistant, UV stabilized lens that resists fading from the sun.
- STT & Yellow Turn lights recess mount into standard 4" round cutouts. Available with Rubber Grommet, Snap Flange, Water proof Mounting Flange with optional Stainless Steel Dress Ring. Chromed Dress Ring also available (see website for more information & part numbers).

1.800.338.7337 / www.soundoffsignal.com

# UNDERCOVER LED INSERT

by SoundOff Signal

## UnderCover™ Kits

2 Head Kit: #ELUCKVØ1(x)

4 Head Kit: #ELUCKVØ2(x)

6 Head Kit: #ELUCKVØ3(x)

Replace (x) in Part Number with Color:  
A=Amber, R=Red & W=White.

## UnderCover™ LED Inserts

Amber Lens/Amber LEDs: #ELUCMV-A

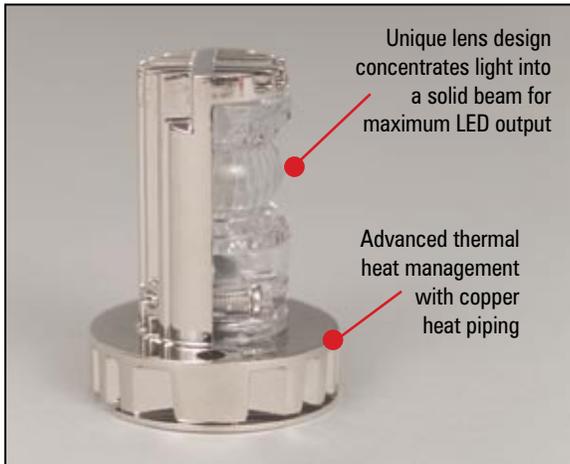
Clear Lens/Red LEDs: #ELUCMV-R

Clear Lens/White LEDs: #ELUCMV-W

(NOTE: Inserts have a 2' attached cable.)

White or  
Red Insert

Amber Insert



Exclusive SoundOff Signal lens design maximizes the output of the optic for the brightest widest signal.



Red UnderCover LED Insert mounted in the taillight of a Ford F-250 DOT vehicle.

- The only LED insert specially designed with optics that boost & concentrate the power of the LEDs into a solid, bright beam of warning power.
- Perfect for intersection warning with output at 160° wide & 20° tall.
- Easy strobe tube retrofit with the same footprint as standard vertical strobe tubes.
- Engineered with advanced thermal heat management through a copper heat sink for years of trouble free service.
- Nickel plated aluminum construction prevents corrosion.
- Features 33 distinct flash patterns.
- Inserts have an attached 2' harness with AMP Mini-Universal Mate-N-Lock Sealed Connectors.
- Kits available in your choice of color & number of heads:

**2 Head Kit:** 2 UnderCover™ LED Inserts, 2 Tyco High Flex Santoprene Cables (1 - 10' & 1 - 6') w/ 1 - 2 Head Flasher.

**4 Head Kit:** 4 UnderCover™ LED Inserts, 4 Tyco High Flex Santoprene Cables (2 - 8' & 2 - 18') w/ 1 - 4 Head Flasher.

**6 Head Kit:** 6 UnderCover™ LED Inserts, 6 - 8' Tyco High Flex Santoprene Cables (6 - 8) w/ 2 Flashers (1 - 4 Head & 1 - 2 Head).

### TECHNICAL SPECIFICATIONS

Flash Patterns:	33 flash patterns
Input Voltage:	10 - 30 Vdc
Current Draw:	0.75 amps per module
Light Sync Technology:	Yes
LED Info:	Gen3 High Power Multi-chip
Operating Temp.:	-20° to +65° C
Dimensions:	
UnderCover™ Insert	2.13" tall x 0.96" diam (top) x 1.60" diam (bottom)
UnderCover™ Flasher	4.70" l x 2.05" w x 0.70" h

**NEW!**



# UNIVERSAL UNDERCOVER

by SoundOff Signal

Say hello to innovative customization of light output with flexible mounting options... introducing the new Universal UnderCover™ Insert. This LED 'hide away' insert elevates safety lighting to a whole new level with 3 interchangeable lenses that tailor the light output to complement your mounting application. Insert is a quick & easy retrofit as it fits into existing 1" strobe tube cutouts in headlight, taillight & corner lights. Insert has a super efficient heat sink, waterproof o-ring seal & includes 3 interchangeable lenses. Insert is self-contained with in-line flasher (10' wire length) & features 4th wire to set optional Cruise Mode if desired. Cruise Mode reduces light output to 20% power. **See web for Surface Mount Bezels & 10-30 volt option coming soon.**

## TECHNICAL SPECIFICATIONS

Flash Patterns:	30
Light Sync Technology:	Yes
LED Info:	6 Gen3 LEDs
Input Voltage Range:	10 - 16 Vdc
Current Draw:	0.75 amps max (pattern dependent)
Operating Temp.:	-40° to +65° C
Dimensions:	diameter x height 1.5" (38 mm) x 0.9" (23 mm)

Universal UnderCover™ LED Insert  
#ELUC2SØ1Ø(x)

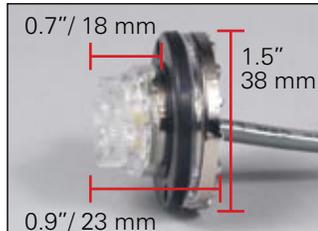
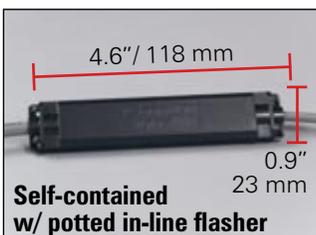


Solid Colors: A B G R W

Split Colors:

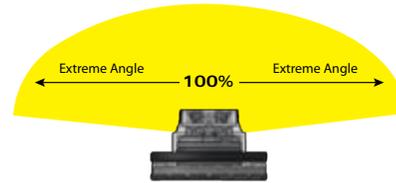
D E F H J K L M N P

Replace "(x)" in Part Number with color code.



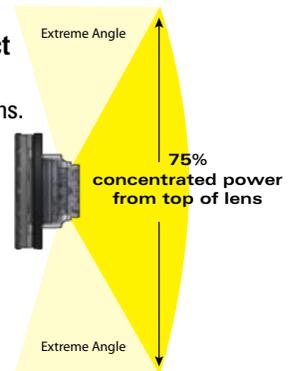
### Lens #1 Extreme Angle

- Even distribution of output with Extreme Angle benefits.
- Optics designed to maximize the light bouncing off the reflector.
- Insert ships with Lens #1 attached.



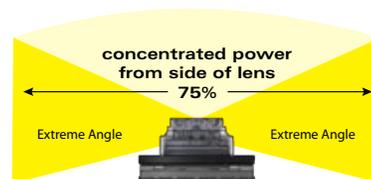
### Lens #2 Vertical/Forward Impact

- Optics designed to concentrate the light through the top of the lens.
- Choose this lens for optimal power & extreme forward impact on vertical mounts.
- Extreme side angle output magnified by reflector.



### Lens #3 Horizontal/Side Impact

- Optics designed to concentrate the output through the sides of the lens for extreme, side angle visibility.
- Choose this lens for optimal power & extreme side angle impact when mounted in the horizontal position.
- Light from top of the lens fills reflector maximizing signal.



# UnderCover™ Strobe Inserts



Strobe Technology powers the UnderCover™ Strobe Inserts, LED inserts also available see pgs. 53-54.



Many Strobe Power Supply Kits are available with 2, 4 or 6 Head Kits, see following pages.



## Features

- Traditional Strobe Head Inserts designed with a 35 watt dual Helix Strobe Tube.
- Manufactured with precise wire alignment for superior performance - wires are centrally aligned unlike many competitors' strobe tubes.
- Superior design for optimal performance you can rely on.
- Available with Black or White bases and your choice of five safety colors - Amber, Blue, Green, Red or White.
- Available in two mounting styles:

**Screw-in style** has a flange base that is attached to the vehicle by using supplied screws to "screw-in" the tube in desired location in the head or tail lamp housing.

**Push-in style** has a grommet style base and is installed by simply pushing the base through a pre-drilled hole in the head or tail lamp housing.

- Screw-In Insert includes 5 1/2" wire length with attached connector & mounting screws for installation, while the Push-In Insert has 5 1/2" wire length with attached connector.

## TECHNICAL SPECIFICATIONS

Flash Patterns:	Power Supply dependant (see following section & price guide for available power supplies)
Anode Voltage Range:	225 - 500 Volts
Maximum Energy:	20 Joules
Maximum Power:	25 watts
Trigger Energy:	4.4mJ typical @ 200 Volts
Current Draw:	Power Supply dependant
Light Sync Technology:	No
Operating Temp.:	-20° to +65° C
Dimensions:	
Screw-In Style	1.69" tall x 0.95" diam (top) (Flange 1.58" width x 1.28" depth)
Push-In Style	1.64" height x 1" diam (top) x 1.34" diam (bottom)

# UNDERCOVER STROBE INSERT

by SoundOff Signal

## Screw-In Style Strobe UnderCover™



## Push-In Style Strobe UnderCover™



### Push-In UnderCover™ Strobe Insert

- 1 - Insert w/ Black Base: #ETUPØ(x)-P\*
- 1 - Insert w/ White Base: #ETUPWØ(x)-P\*\*
- \*not available in Green
- \*\*not available in Amber or Red

### Push-In UnderCover™ Strobe Insert w/ 15' Cable & AMP Connector

- 1 - Insert w/ Black Base: #EUPNSND(x)

### Push-In UnderCover™ Strobe Insert w/ 15' Cable & Weatherproof Connector

- 1 - Insert w/ Black Base: #EUPNSNQ(x)

### Screw-In UnderCover™ Strobe Insert

- 1 - Insert w/ Black Base: #ETUCØ(x)-P
- 2 - Inserts w/ Black Base: #ETUCØ(xx)-P

### Screw-In UnderCover™ Strobe Insert w/ 15' Cable & AMP Connector

- 1 - Insert w/ Black Base: #EUCNSND(x)

### Screw-In UnderCover™ Strobe Insert w/ 15' Cable & Weatherproof Connector

- 1 - Insert w/ Black Base: #EUCNSNQ(x)

### Screw-In UnderCover™ Strobe Insert w/ 20' Cable & AMP Connector

- 1 - Insert w/ Black Base: #EUCNSNE(x)

### Screw-In UnderCover™ Strobe Insert w/ 30' Cable & AMP Connector

- 1 - Insert w/ Black Base: #EUCNSNG(x)

### Screw-In UnderCover™ Strobe Insert w/ Weatherproof Connector

- 1 - Insert w/ Black Base: #EUCNSNZ(x)

### Screw-In Strobe Insert w/ Pigtail (no cable)

- Black Base, Clear Tube: #EUCNSNØC
- (call if you need other colors)

**Color Options: Replace "(x)" in Part Number with desired color code.**

- |                                                                                             |                                                                                               |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  A=Amber |  R=Red   |
|  B=Blue  |  W=White |
|  G=Green |                                                                                               |



## Galileo™ 4 UnderCover™ Strobe Kit #ETKG9ØCCCC

- **New! Improved design** with single pattern select wire that makes it easier to set desired pattern & Low Power Mode option that has a lower amp draw.
- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (12 modes): WarpFlash™, Double, Quad & Quint
- 6 outputs @ 90 watts
- See page 61 for complete product description



## Nebula™ 4 UnderCover™ Strobe Kit #ETKN6ØCCCC

- **New! Improved design** with single pattern select wire that makes it easier to set desired pattern & Low Power Mode option that has a lower amp draw.
- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (12 modes): WarpFlash™, Double, Quad & Quint
- 6 outputs @ 60 watts
- See page 61 for complete product description



## Phaser™ 4 UnderCover™ Strobe Kit #ETKP4ØCCCC

- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (9 modes): WarpFlash™, Double, Quad & Quint
- 4 outputs @ 40 watts
- See page 61 for complete product description



## Pulsar™ 4 UnderCover™ Strobe Kit #ETKPCCCC

- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (14 modes): InterCycle™, WarpFlash™, Quad & Quint
- 4 outputs @ 75 watts
- See page 59 for complete product description

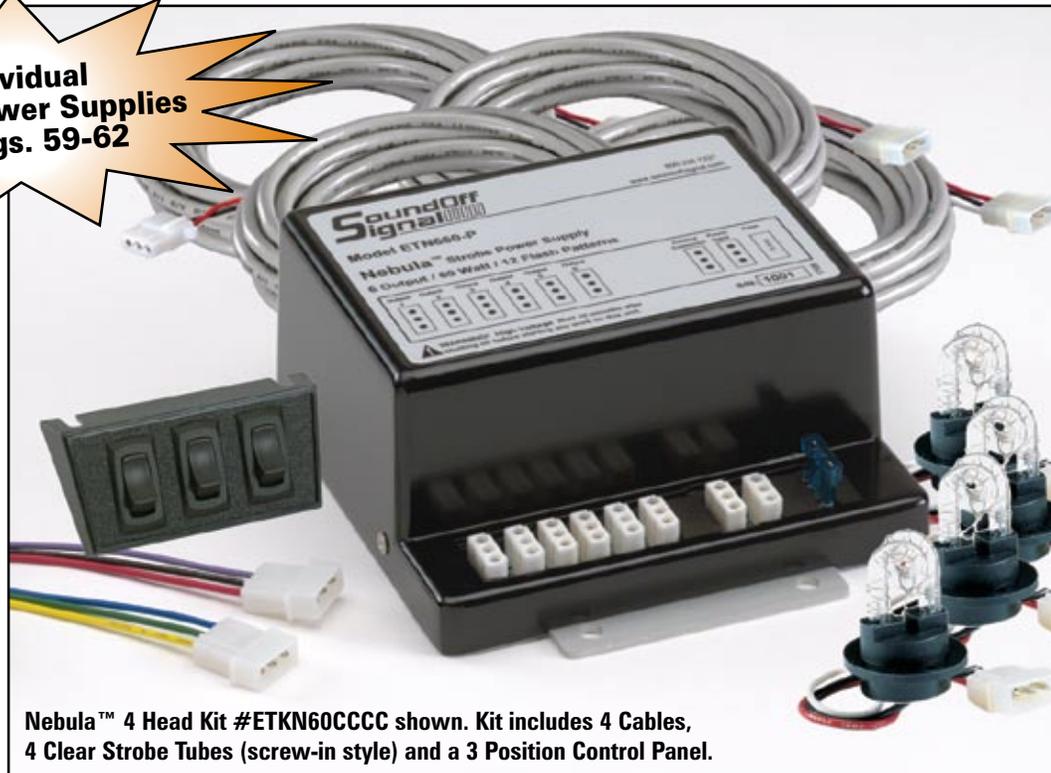


## Quantum™ 4 UnderCover™ Strobe Kit #ETKQCCCC

- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (12 modes): WarpFlash™, Double, Quad & Quint
- 4 outputs @ 50 watts
- See page 61 for complete product description

# UnderCover™ Strobe Insert Kits

**Individual  
Strobe Power Supplies  
See pgs. 59-62**



Nebula™ 4 Head Kit #ETKN60CCCC shown. Kit includes 4 Cables, 4 Clear Strobe Tubes (screw-in style) and a 3 Position Control Panel.

**Strobe Power Supply Kits include a Strobe Power Supply with Strobe Tubes, Cables and a Control Panel. Our most popular kits are shown & many other kits are available. *If you do not see the kit you need, call us, we can make it for you! 1.800.338.7337.***



## **Aurora™ 2 Head Strobe Kit #ETKACC-P**

## **Aurora™ Plus 2 Head Strobe Kit #ETKAPOSICC**

- Kit Includes: 2 Clear Strobe Tubes (screw-in style), 2 - 15' Cables & a 3 Position Control Panel
- Flash patterns (4 modes): WarpFlash™, Double, Quad & Quint
- 2 outputs @ 25 watts
- Weather resistant hermetically sealed electronic components
- See page 62 for complete product description



## **Pulsar™ 2 Head Strobe Kit #ETKPCCØØ**

- Kit Includes: 2 Clear Strobe Tubes (screw-in style), 2 - 15' Cables & a 3 Position Control Panel
- Flash patterns (14 modes): InterCycle™, WarpFlash™, Quad & Quint
- 4 outputs @ 75 watts
- See page 59 for complete product description



# Medium Piano Style Housing

Gemini™



6.625" l x 5.875" w x 2.625" h



## Gemini™ #ETG611Ø

- **New! Improved design** with single pattern select wire that makes it easier to set desired pattern & Low Power Mode option that has a lower amp draw.
- Flash Patterns: 28 total modes  
*Using InterCycle™, WarpFlash™, Quad and Quint*
- 6 Outputs/100 Watts
- Input Voltage: 8-30 Vdc
- 11 amp draw @ 12 volts
- Medium Piano Style Housing
- Includes 1 wire harness w/ AMP 8-pin connector for Power/Flash Control



## Pulsar™ #ETP475-P

### Pulsar™ w/ Euro Flash Patterns #ETP475E

- Flash Patterns:  
Pulsar™ - 14 total modes  
Pulsar™ European - 16 total modes  
*Using InterCycle™, WarpFlash™, Quad and Quint*
- 4 Outputs/75 Watts
- Input Voltage: Pulsar™ - 8-30 Vdc,  
Pulsar™ European - 10-30 Vdc
- 7.5 amp draw @ 12 volts
- Medium Piano Style Housing
- Includes 2 wire harnesses w/ AMP 3-pin connectors for Power & Flash Control

# Large Piano Style Housing

Nova™



10.25" l x 7.125" w x 2.625" h



## Nova™ #ETN815Ø

- Flash Patterns: 64 total modes  
*Using InterCycle™, WarpFlash™, Quad and Quint*
- 8 Outputs/150 Watts
- 16 amp draw @ 12 volts
- Input Voltage: 8-30 Vdc
- Large Piano Style Housing
- Includes 1 wire harness w/ AMP 12-pin connector for Power/Flash Control



## SuperNova™ #ETSN818Ø

- Flash Patterns: 64 total modes  
*Using InterCycle™, WarpFlash™, Quad and Quint*
- 8 Outputs/180 Watts
- 18 amp draw @ 12 volts
- Input Voltage: 8-30 Vdc
- Large Piano Style Housing
- Includes 1 wire harness w/ AMP 12-pin connector for Power/Flash Control



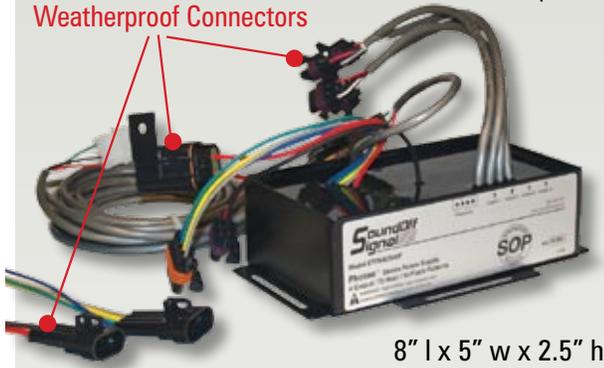
# Strobe Power Supplies

Photos & More Information at [www.soundoffsignal.com/indexpages/warnumber/strobeps\\_index.htm](http://www.soundoffsignal.com/indexpages/warnumber/strobeps_index.htm)

## Potted Style Case (weatherproof)

Photon™  
Weatherproof

Metri-Pack  
Weatherproof Connectors



8" l x 5" w x 2.5" h



**Photon™ #ETPN475**

**Photon™ Weatherproof #ETPN475WP**

- Flash Patterns: 14 total modes  
*Using InterCycle™, WarpFlash™, Quad and Quint*
- 6 amp draw @ 12 volts • Input Voltage: 8-30 Vdc
- Potted Style Housing
- Includes 1 wire harness w/ AMP 3-pin connector for Power/Flash Control



## Premium Series

- SoundOff's Premium product line of Strobe Power Supplies offer many features for long lasting, reliable power supplies to power up all your strobe & halogen lighting.
- Premium Power Supplies feature:
  - High/Low Intensity Control
  - Selective Switching
  - RF/RFM Filtration
  - Reverse Polarity Protection
  - Absent Flash Tube Protection
- Two Premium Weatherproof models available in Gamma™ or Photon™. Weather resistant strobe power supplies have hermetically sealed electronic components.

# Medium Piano Style Case

Nebula™ shown.



6.625" l x 5.875" w x 2.625" h



## Galileo™ #ETG69Ø-P

- **New! Improved design** with single pattern select wire that makes it easier to set desired pattern & Low Power Mode option that has a lower amp draw.
- Flash patterns (12 modes): WarpFlash™, Double, Quad & Quint
- 8.5 amp draw @ 12 volts, 10-30 Vdc
- Medium Piano Style Housing



## Nebula™ #ETN66Ø-P

- **New! Improved design** with single pattern select wire that makes it easier to set desired pattern & Low Power Mode option that has a lower amp draw.
- Flash patterns (12 modes): WarpFlash™, Double, Quad & Quint
- 5 amp draw @ 12 volts, 10-30 Vdc
- Medium Piano Style Housing



## Phaser™ #ETP44Ø

- Flash patterns (9 modes): WarpFlash™, Double, Quad & Quint
- 4 amp draw @ 12 volts, 10-30 Vdc
- Medium Piano Style Housing



## Quantum™ #ETQ45Ø-P

- Flash patterns (9 modes): WarpFlash™, Double, Quad & Quint
- 4.3 amp draw @ 12 volts, 10-30 Vdc
- Medium Piano Style Housing

# Potted Style Case

Aurora™ Plus shown.



## Apollo™ #ETA44Ø

- Flash patterns (9 modes): WarpFlash™, Quad & Quint
- 4 amp draw @ 12 volts, 10-30 Vdc
- Potted Style Housing: 5.875" length x 4" width x 1.625" height



## Astro™ #ETA34Ø-P

## Astro™ Weatherproof #ETA34Ø-P

- Flash patterns (9 modes): WarpFlash™, Double, Quad & Quint
- 4 amp draw @ 12 volts, 10-30 Vdc
- Potted Style Housing: 5.875" length x 4" width x 1.625" height



# Strobe Power Supplies

Photos & More Information at [www.soundoffsignal.com/indexpages/warnumber/strobePs\\_index.htm](http://www.soundoffsignal.com/indexpages/warnumber/strobePs_index.htm)

Lighting Sys. - Strobe Power Supplies



## Aurora™ #ETA225-P Aurora™ w/ 90° Bracket #ETA225-CV

- Flash patterns (4 modes): WarpFlash™, Double, Quad & Quint
- 4 amp draw @ 12 volts, 10-14 Vdc
- Potted Style Housing:  
4.5" length x 3.75" width x 1.34" height



## Aurora Plus™ #ETA240-P Aurora™ Plus w/ 90° Bracket #ETA240-CV

- Flash patterns (8 modes): Quad, Double, Quint, Warp, InterCycle, Triple, Singe & Sweep
- 4 amp draw @ 12 volt, 10-14 Vdc
- Potted Style Housing:  
4.5" length x 3.75" width x 1.34" height



## Stellar™ #ETS240-CF

- Flash patterns (2 modes): InterCycle™ & Quad
- 2 outputs @ 40 watt
- 4 amp draw @ 12 volt, 10-30 Vdc
- Potted Style Housing:  
6.625" length x 3.75" width x 1.625" height



## Value Series

- SoundOff's Value product line of Strobe Power Supplies offer many features for long lasting, reliable power supplies to power up all your strobe & halogen lighting.
- Value Power Supplies feature:
  - High/Low Intensity Control
  - Selective Switching
  - RF/RFM Filtration
  - Reverse Polarity Protection
- Two Premium Weatherproof models available in Gamma™ or Photon™. Weather resistant strobe power supplies have hermetically sealed electronic components.
- Value Power Supplies have a 1 or 2 Year No Hassle Warranties.

**We offer Weather Resistant Strobe Power Supplies** in both our Value or Premium Series that are designed with a potted moisture resistant case and include Metri-Pack Connectors for a tight and waterproof seal.



Photon™ Weatherproof shown.

1.800.338.7337 / [www.soundoffsignal.com](http://www.soundoffsignal.com)

# Headlight Flashers

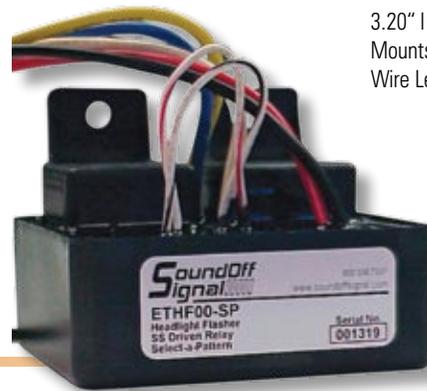
Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Positive or Ground Solid State Relay Driven Headlight Flasher w/ Select-A-Pattern Technology #ETHF00-SP

- Operates a 2 or 4 headlight system on **positive or ground side switched vehicles.**
- One Flasher, Three Operating Modes:
  - Mode 1: RoadRunner™ flash pattern
  - Mode 2: PowerPulse™ flash pattern
  - Mode 3: Double Flash pattern (see Flash Pattern descriptions listed below for detailed information)
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash to gain attention and increase vehicle visibility.
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated.

### SELECT-A-PATTERN TECHNOLOGY

3.20" l x 2.78" w x 2.18" h  
Mounts on 1.38" centers  
Wire Length: 16"



**Solid State Driven Relay** models carry a 1 Year No Hassle Warranty (except where noted) and are mechanically driven with moving internal parts.

## Flash Patterns

**Cycle Flash**..... Multi-pattern cycles through three double alternating and two simultaneous patterns.

**Double Flash**..... Fast double flash alternating @ 3.0 f.p.s.

**ETM™** ..... Fast simultaneous flash @ 3.6 f.p.s.

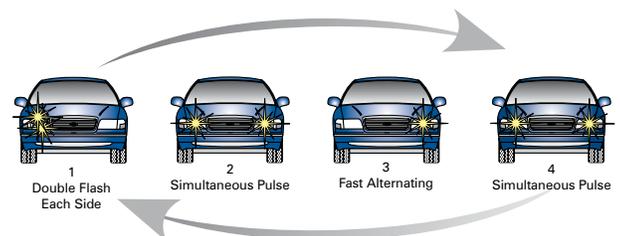
**Flashback™** ..... Alternates lower brake lights against reverse lights @ 2.6 f.p.s.

**PowerPulse™** ..... Fast alternating pattern @ 3.0 f.p.s.

**RoadRunner™** ..... Slow alternating pattern @ 1.9 f.p.s.

**Single Flash**..... Slow alternating flash pattern at 55 f.p.m.

### Q-Switch™ Flash Pattern



**Q-Switch™** ..... Cycles high beams through multiple flash patterns from 1.9 to 3.0 f.p.s. repeating every 5.4 seconds using three constant changing patterns: Double Flash Alternating, Fast Simultaneous Pulse & Fast Alternating.

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Solid State Headlight Flashers w/ Select-A-Pattern Technology

- |                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| #ETHFSS-SP w/ 18" wire leads            | #ETHFSS-SPWS w/ blue Weather Seal Connector |
| #ETHFSS-SPA w/ Amp Connector            | #ETHDSS-SP Heavy Duty model                 |
| #ETHFSS-SPFL w/ Amp Connector & Harness | #ETHDSS-SPA Heavy Duty w/ AMP Connector     |
| #ETHFSS-SP-CMP DRL compatible model     | #ETHFSS-SP-ISO Isolation model              |

- Designed for **positive side switched headlight systems**.
- Great for motorcycles with positive side switched headlight systems.
- Select-a-Pattern Technology w/ 7 user selectable flash patterns: PowerPulse™, RoadRunner™, ETM, Cycle Flash, Q-Switch, Single Flash or Double Flash Alternating (see opposite page for descriptions).
- Built-in shutdown features include protection against: short circuit, over current, over voltage, under voltage, over temperature & reverse polarity.
- Durable & non-corrosive ABS plastic housing.
- 8 - 30 Vdc at 10 amps/output.



4.70" l x 2.05" w x .70" h  
Mounts on 4" centers  
Wire Length: 18"



**SELECT-A-PATTERN TECHNOLOGY**

**100% Solid State** models carry a 5 Year No Hassle Warranty and are powered by an internal circuit board (no moving parts = longer lasting flasher with no noise).

## VariedFlash™ Headlight Flasher #ETVF00-P

- Installs into **positive side switched headlight systems**
- Flash Patterns:
  - Double Flash Alternating w/ Simultaneous
  - Q-Switch
  - Simultaneous @ 3.0 f.p.s. (see opposite page for descriptions)
- Low beams remain on for proper night illumination.
- Easy wire connection with terminal strip.



4.29" l x 2.45" w x 1.42" h  
Mounts on 3.77" centers  
Wire Length: NA



# Headlight Flashers

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Positive Switched Solid State Driven Relay Headlight Flasher

- Installs into **positive side switched headlight systems**.
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash to gain attention and increase vehicle visibility.
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated).
- Choose a model based upon flash pattern: (see pg. 63 for flash pattern descriptions)



3.20" l x 2.78" w x 2.18" h  
Mounts on 1.38" centers  
Wire Length: 16"

with wires		with amp Connector & Fleet Mating Harness	
#ETPP00-P	PowerPulse™	#ETPPFLEET	PowerPulse™
#ETRR00-P	RoadRunner™	#ETRRFLEET	RoadRunner™
#ETQS00-P	Q-Switch™	#ETQSFLEET	Q-Switch™
#ETTM00-P	ETM™	#ETTMFLEET	ETM™

## Ground Side Switched DRL Compatible Headlight Flashers

#ETPP00CG PowerPulse™ flash pattern

#ETRR00CG RoadRunner™ flash pattern

#ETQS00CG Q-Switch™ flash pattern

- For **ground side switched headlight systems**.
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash to gain attention and increase vehicle visibility.
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated.



4.19" l x 2.78" w x 2.16" h  
Mounts on 1.07" centers  
Wire Length: 16"

# Taillight Flashers

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Flashback™ Alternating Taillight Flasher #ETFBSN-P, #ETFBSAN-P, #ETFBSANFL

- 12 wire module with isolating diodes for the reverse wire that is required for many new cars & trucks.
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle.
- Provides an additional output for deck lights.
- Alternating red & white light creates an effective rear warning signal to greatly reduce rear end collisions.
- Three models to choose from:
  - #ETFBSN-P (shown in photo at right)
  - #ETFBSAN-P w/ AMP Connector
  - #ETFBSANFL w/ Fleet Harness

4.70" l x 2.05" w x .70" h  
Mounts on 4" centers  
Wire Length: 18"



## Flashback™ Taillight Flasher #ETFB00-P, #ETFBLEE

- Flashes taillights @ 2.6 f.p.s.
- Two models to choose from:
  - #ETFB00-P - with wires
  - #ETFBLEE - with amp connector & Fleet Harness
- Alternately flashes the brake lights and the reverse lights at 2.4 f.p.s.
- Built-in diodes provide isolation protection for the vehicle's electrical system.

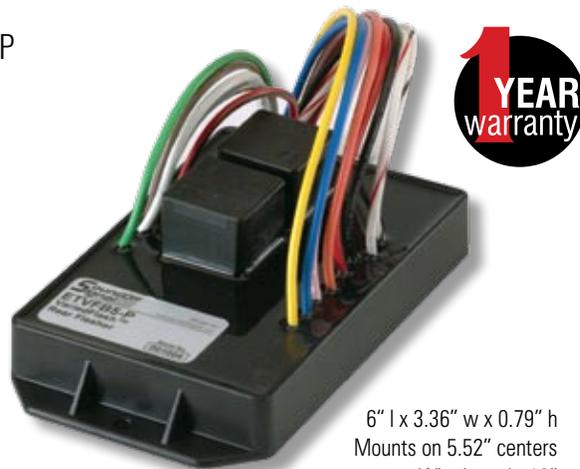
3.22" l x 2.77" w x 2.16" h  
Mounts on 1.3" centers  
Wire Length: 18"



## VariedFlash™ Taillight Flasher #ETVFB5-P

- Choose from 3 Flash Patterns:
  - Alternating (wig wag) at 2.5 f.p.s.
  - PowerPulse™
  - Q-Switch™ (see pg. 63 for flash pattern descriptions)
- Mounts in vehicle trunk near the brake lights.
- Provides an additional output.
- Built-in diodes provide isolation protection for the vehicle's electrical system.

6" l x 3.36" w x 0.79" h  
Mounts on 5.52" centers  
Wire Length: 16"



# Specialized Flashers

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Deck/Grille Light Flasher #ETDGSS-P

- Works with ground or positive side vehicles.
- Alternates auxiliary deck/grille lights @ 2.4 f.p.s.
- 8 amps per output.
- For use on halogen, strobe or LED deck/grille lights.
- **100% Solid State flasher:**  
12 volt: #ETDGSS-P  
24 volt: #ETDGSS24

**For use with  
Halogen Lights  
(see web)**



2" l x 3.5" w x 1.22" h  
Mounts on 2.97" centers  
Wire Length: 16"



## Motorcycle Flasher #ETETMM-P

- Installs into **positive side switched headlight systems**.
- ETM™ flash pattern (pulsating flash pattern @ 3.6 f.p.s.).
- Low beams remain on for enhanced daylight visibility and proper night illumination.

**See page 64  
for a Select-A-Pattern  
Flasher that can be  
used for motorcycles**



2" l x 3.5" w x 1.22" h  
Mounts on 2.97" centers  
Wire Length: 16"



# Specialized Flashers

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Heavy Duty Alternating Flasher #ETHDF1-P

- Installs into **positive side switched headlight systems**.
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.).
- Rated "Heavy Duty" at 100 watts (8 amps) per output.
- Great for railroad, wrecker a& emergency vehicles.
- 4 outputs



4.92" l x 3.48" w x 1.22" h  
Mounts on 2.95" centers  
Wire Length: 18"



## 8 Amp Medium Duty Flasher #ETAF08-P

- Installs into **positive side switched headlight systems**.
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.).
- Rated "Medium Duty" at 100 watts (8 amps) per output.
- 2 outputs



2" l x 3.5" w x 1.22" h  
Mounts on 2.97" centers  
Wire Length: 16"



## 15 Amp Extra Duty Flasher #ETAF15-P

- Installs into **positive side switched headlight systems**.
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.).
- Rated "Extra Duty" at 190 watts (15 amps) per output.
- 2 outputs



4.38" l x 3.48" w x 1.22" h  
Mounts on 2.97" centers  
Wire Length: 16"



# Flashers for LED Lights

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## LED Strobe Pulse Module #ETLEDFC1

- Converts non self-contained LED warning lights into a "Strobe Pulse" flash effect.
- Flashes any 12 volt LED light up to 3 amps.
- For use with LED lights only.



Attention Grabbing Strobe Pulse Effect

3" l x 1.53" w x 1" h  
Mounts on 2.5" centers  
Wire Length: 16

## LED Load Module #ECVLDMDL01

- Solution for erratic flash patterns.
- Adds 10 watt load across LED lamps restoring flash rate of mechanical, turn signal & hazard flashers.
- For use with LED lights only.



Fixes erratic flash patterns



2.97" l x 2.43" w x 0.75" h  
Mounts on 2.43" centers  
Wire Length: 5.5"

## LED Flasher Patterns

- Double** ..... Two consecutive flashes @ 235 f.p.m.
- Quad** ..... Four consecutive flashes @ 235 f.p.m.
- Quint** ..... Five consecutive flashes @ 140 f.p.m.
- ETM™** ..... Fast Simultaneous flash pattern @ 3.6 f.p.s.
- Inter-Cycle™** ..... Cycles continuously through 2 - Quint™ patterns & 4 - WarpFlash™ patterns
- PowerPulse™** ... Alternating (wig wag) flash pattern @ 3.0 f.p.s.
- Q-Switch™** ..... Cycles through 3 flash patterns: Double Flash Alternating, Fast Simultaneous Pulse and Fast Alternating @ 1.9 to 3.0 f.p.s. - pattern repeats every 5.4 seconds (see diagram on pg. 107)
- WarpFlash™** Alternating (wig wag) flash pattern @ 700 f.p.m.

# Flashers for LED Lights

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## 2 Output LED Flasher #ETFFC02LED

- Synchronizes all LED warning lights.
- Offering eight flash patterns to choose from:
  - Double
  - PowerPulse™
  - Quint
  - ETM™
  - Q-Switch™
  - WarpFlash™
  - Inter-Cycle™
  - Quad(see bottom of opposite page for descriptions)
- Overrides all SoundOff Signal LED warning lights to take over pattern control.
- For use with LED lights only.

3.18" l x 0.81" w x 0.79" h  
Mounts on 2.83" centers  
Wire Length: 12.5"



## 6 Output LED Flasher #ETFFC06LED

- Synchronizes all your LED warning lights
- Overrides all SoundOff Signal LED warning lights to take over pattern control.
- Eight flash patterns to choose from:
  - Double
  - PowerPulse™
  - Quint
  - ETM™
  - Q-Switch™
  - WarpFlash™
  - Inter-Cycle™
  - Quad(see bottom of opposite page for descriptions)
- For use with LED lights only.



5.56" l x 3.34" w x 0.85" h  
Mounts on 5" centers  
Wire Length: NA

## 12 Output LED Flasher #ETFFC12LED

- Synchronizes all LED warning lights.
- Offering nine flash patterns to choose from:
  - Double
  - PowerPulse™
  - Quad
  - ETM™
  - RoadRunner™
  - Quint
  - Inter-Cycle™
  - Q-Switch™
  - WarpFlash™(see bottom of opposite page for descriptions)
- Overrides all SoundOff Signal LED warning lights to take over pattern control.
- Protected with a 15 amp in-line mini fuse.
- For use with LED lights only.



6" l x 3.40" w x 0.97" h  
Mounts on 5.5" centers  
Wire Length: 12" w/ connector

# Electronic Products

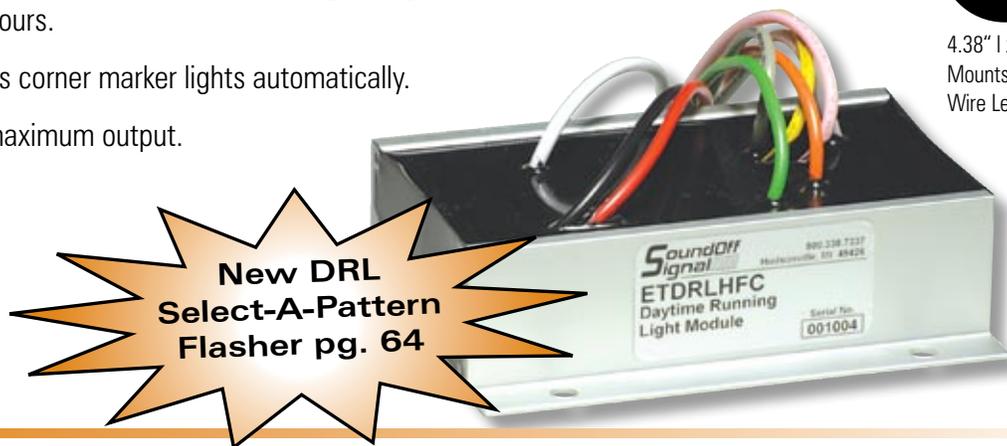
Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## DRL Module #ETDRLHFC

- Activates high beam headlights at approximately 50% brightness when vehicle is running during daylight hours.
- Illuminates corner marker lights automatically.
- 20 amp maximum output.



4.38" l x 3.48" w x 1.22" h  
Mounts on 2.97" centers  
Wire Length: 16"



## DRL Switch-It #EDRL00-P

- Automatically deactivates the vehicle's DRL (daytime running lights) for normal flasher operation.
- Built in Disable Circuit for driver override of normal DRL function.
- **Designed to work with SoundOff Signal brand Solid State Relay Driven models ONLY.**



3.0" l x 2.02" w x 1.5" h  
Mounts on 2.5" centers  
Wire Length: 16"



## Heavy Duty Load Manager #ETPLDM-P

- Allows you to add additional turn signal lighting to trucks & trailers.
- Provides high current switching capability to existing vehicle wiring.
- Provides an additional 30 amp load.



3" l x 3" w x 1.5" h  
2.96" h w/ fuse

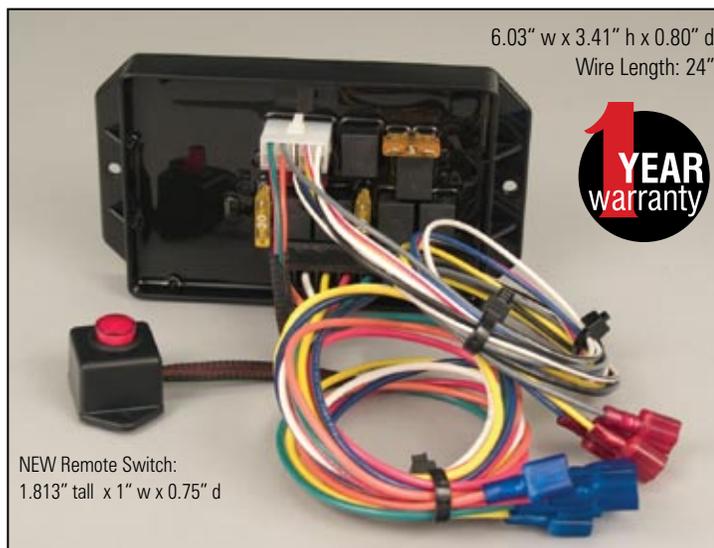


# Electronic Products

Check the compatibility of your vehicle at [http://www.soundoffsignal.com/techsupport/vech\\_flashinfo.htm](http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm)

## Ignition Security System (I.S.S.) #ETISS0-07+

- Easier to install & designed to be compatible with many different vehicles.
- Quick installation by use of quick connect "T-tap" connectors.
- Connectors allow for quick replacement/removal of I.S.S.
- Allows the vehicle to stay running when the key is removed from the ignition switch.
- Brake pedal & shift lever movement disables the I.S.S. and stops the engine (and sounds horn if connected).
- Drive simply deactivates by turning the key to the Run position & depressing brake.
- Automatic low voltage detection will activate the horn to provide notification of vehicle problems.
- Additional universal output provides Normally open or Normally closed contact for Starter Disable, Gun Lock Disable, Camera Record, etc.
- Mounts behind the dash & within the wire length of the steering column.
- Optional horn or siren alarm.
- Includes illuminated remote switch.



## Alt Alert #EAA000-P, #EAA000-P2 w/ Deutsch Connector

- Alt Alert is a Solid State Voltage Monitor designed for use on Fire, Ambulance & Rescue vehicles.
- Alt Alert is designed to warn the vehicle operator if the electrical systems voltage range is out of its safe operating range; if the vehicle's voltage fall below 11.80 volts for more than 7 seconds or if it exceeds 15.50 volts, Alt Alert will modulate either an indicator light or a warning buzz.
- Automatic Reset - resumes monitoring when electrical system returns to normal operating range.



# Interior Dome Lights

## White Opaque Lens



MODEL	LIGHT COLOR	LENS COLOR
ECVDMLTAL00	White & Red LEDs	White Opaque
ECVDMLTW00	White LEDs	White Opaque
ECVDMLT2W00	White LEDs	Clear Fresnel
ECVDMLT24W00	White LEDs	White Opaque
ECVDMLT2AL00	White & Red LEDs	Clear Fresnel
ECVDMLT00	White Incandescent w/ Red LEDs	White Opaque



White LED illuminated



Fresnel Lens

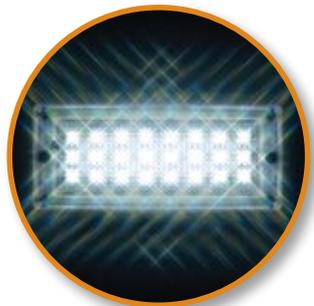


Red LED Night Light

- Red Night Light option allows driver the ability to see outside their vehicle & reduces eye fatigue.
- Universal surface mount easily & simply installs without requiring cutouts in headliner
- Opaque White or Clear Fresnel lens colors.
- Warranty:  
LED Dome Lights - 5 Year  
Incandescent Dome Lights - 1 Year



## Universal Interior Cargo/Dome Light: #ECVDMLTST4



5.83" l x 2.80" w x 0.77" d

**Universal Interior Cargo/Dome Light:**  
**Metal Base #ETULT37W**  
**Polycarbonate Base #ECVCDMLTST2**



7.03" l x 3.23" w x 0.75" d

**90° Corner Mount LED Strip Light:**

- Designed for surface mounting in 90° corners of interior cargo areas, storage compartments & tool boxes for mobile offices, rescue vehicles & pick-up trucks for streamlined, low amp draw LED lighting.
- Housing design allows for clean wire management behind the light.
- Easy installation - make a simple 2-wire electrical connection.
- White glossy powder coated Aluminum housing with a polycarbonate lens.



**90° Corner Mount LED Strip Light:**

**10" Length #ECVCSLLED10, 21" Length #ECVCSLLED21  
32" Length #ECVCSLLED32, 43" Length #ECVCSLLED43**

**Flush Mount LED Strip Light:**

- Recessed, flush mount brightly illuminates dark spaces without getting in the way of workers or removing equipment from the vehicle.
- Great for mobile offices, fire & SWAT trucks needing streamlines, reliable LED lighting.
- Lens directs light away from viewer's eye while illuminating interior spaces.
- Easy installation w/ 18" of 2-wire lead, end/trim caps & mounting hardware included.
- Field serviceable - easy access to individual modules.
- White glossy powder coated Aluminum housing with a polycarbonate lens.



**Flush Mount LED Strip Light:**

**12" Length #ECVCLLED12, 24" Length #ECVCLLED24  
36" Length #ECVCLLED36, 42" Length #ECVCLLED42**

**LED Strip Light:**

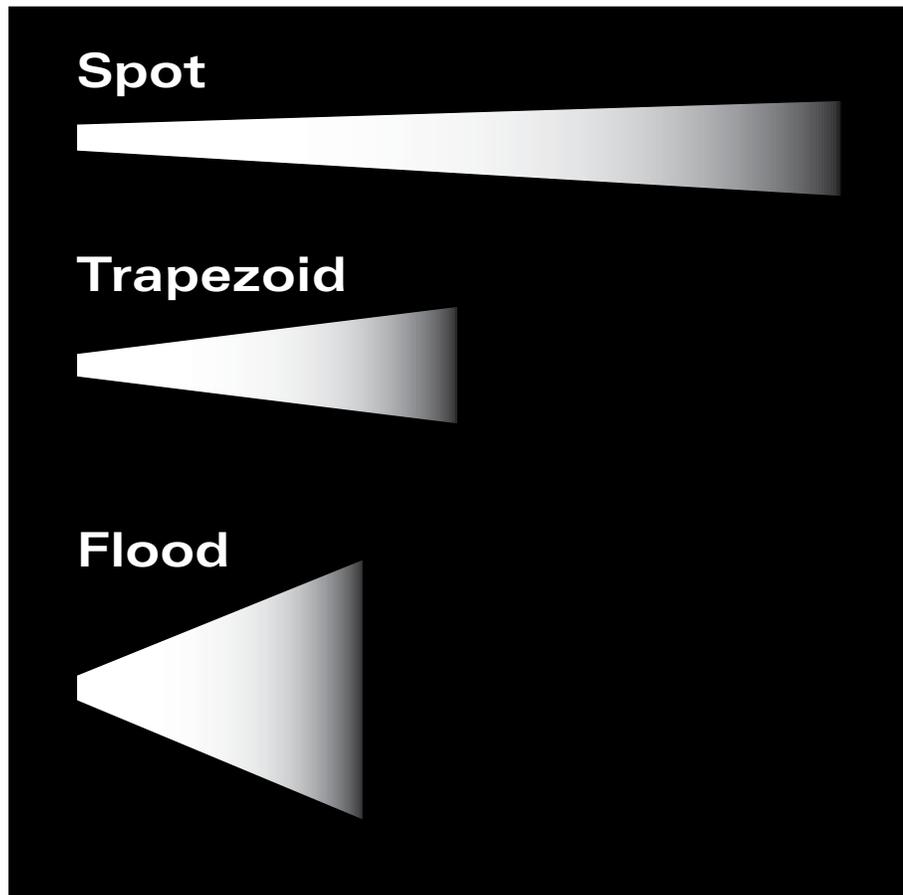
- Great for all types of vehicles to illuminate dark interior spaces like work spaces, desks, compartments, trunks or cargo areas.
- Simple two wire electrical connection is easy to install.
- Light has a white steel base with a scratch resistant polycarbonate lens.
- Multi-faceted lens disperses light evenly & brightly.
- Made with Gen3 LEDs for a long-lasting light with no bulbs to change.
- Includes 20" - 2 wire lead.



**LED Strip Light:**

**12 volt #ETULT12W White LEDs, 24 volt #ETULT12W-24 White LEDs**

# Work Light Illumination Patterns



## Our LED Work Lights are available in three illumination patterns:

**Spot** - This pattern casts a focused and concentrated long range beam of light for illuminating work spaces or objects in the distance.

**Trapezoid** - Pattern offers a wider yet shorter flood of light than the Spot Pattern. Choose this pattern when you need distance as well as width for illuminating your work area.

**Flood** - Widest flood of light and the shortest distance. Great for illuminating construction sites and other scene lighting.

NOTE: Distance and width of light beam varies according to lumen output and angle of light. Each work light has an adjustable bracket so you can customize the angle of light for desired output. See our website for detailed information & specifications on each work light.

# 4" Round (Gen3 500 Lumen LED Work Light)



Work light shown mounted to the upper rear window of a Bombardier sidewalk snowplow.



Rugged construction and LED technology provide years of reliability and bright output in all environments.



Snowplow operator told us the "LED lights do not have the reflection from snow like halogen lights."

## Features

- Announcing our new Round 500 Lumen LED Work Light that is built for the most demanding work environments including material handling, construction, agricultural, forestry, mining and other off-road equipment applications.
- A reputation you can count it for quality products - SoundOff is a leading manufacturer of LED safety lighting to the law enforcement, truck & bus markets.
- Long-lasting life of 30,000+ hours - no more broken bulbs and long lasting, reliable light output to illuminate your work areas and equipment.
- Mounting Bracket is made from stainless steel and can be tilted forward or back 180 degrees to angle the light where you need it.
- Waterproof o-ring sealed design with a rugged die cast aluminum housing protects the LEDs from dust, vibration and moisture in the toughest work environments.

## 500 Lumen Round LED Work Light

Flood #EWLC0500DBDF0W

Spot #EWLC0500DBDS0W

Trapezoid #EWLC0500DBDT0W

### TECHNICAL SPECIFICATIONS

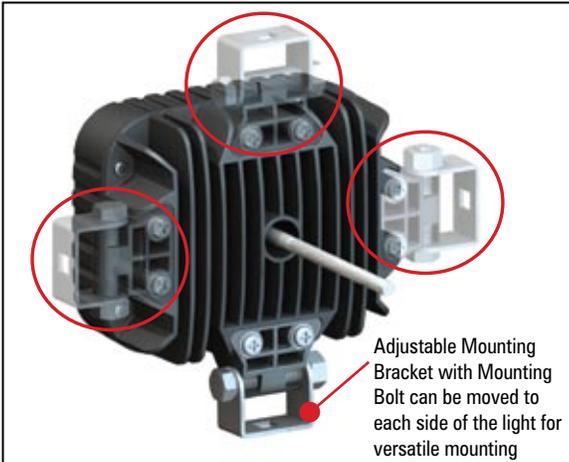
Illumination Patterns	Flood, Spot or Trapezoid
Color Temperature:	5700K
Input Voltage Range:	10 - 50 Vdc for worldwide use
Current Consumption:	
@ 12.8 Vdc	1.3 amps
@ 25.6 Vdc	0.6 amps
@ 51.2 Vdc	0.3 amps
# of LEDs:	3 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	diameter x height x depth
	3.94" diam x 5.38" h x 2.46" d (height measurement is w/ bracket)



# 5" Rectangle (Gen3 1400 Lumen LED Work Light)



1400 Lumen LED Work Light coming soon with super bright output and versatile mounting options.



Unique mounting feature - bracket can be mounted to each side of the light.



8 super bright Gen3 LEDs provide maximum light output & unmatched reliability.

## Features

- 1400 Lumen LED Work Light that is built for the most demanding work environments including material handling, construction, agricultural, forestry, mining and other off-road equipment applications.
- Unique mounting feature - bracket can be mounted to each side of the light allowing for versatile mounts in complicated spaces. Mount the light to the left or right side, top or bottom depending on where you need it. Mounting Bracket is features an adjustable tilt w/ 180° forward or backward tilt.
- LED lighting means low maintenance and less operating costs - no more broken bulbs or burned out bulbs! LEDs are not affected by the vibrations of heavy equipment and the light is rated to last 30,000+ hours for a long-lasting and reliable light source unlike traditional halogen or incandescent lighting.
- Waterproof o-ring sealed design with a rugged die cast metal housing.
- Premium optics maximize the LED output. All work lights are available in Spot, Flood or Trapezoid patterns.

### 1400 Lumen 5" Rectangle LED Work Light

Flood #EWLC1400TBDF0W

Spot #EWLC1400TBDS0W

Trapezoid #EWLC1400TBDT0W

#### TECHNICAL SPECIFICATIONS

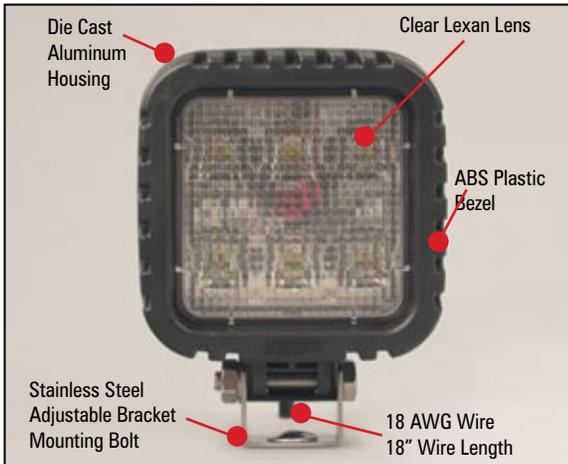
Illumination Patterns	Flood, Spot or Trapezoid
Color Temperature:	5700K
Input Voltage Range:	10 - 50 Vdc for worldwide use
Current Consumption:	
@ 12.8 Vdc	3.7 amps
@ 25.6 Vdc	1.8 amps
@ 51.2 Vdc	0.9 amps
# of LEDs:	8 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	width x height x depth
	5.11" w x 4.12" h x 2.64" d 5.51" height (w/ bracket)



# 4" Square (Gen3 1000 Lumen LED Work Light)



Four bright white 1000 Lumen LED Work Lights mounted the front of a Bombardier snow plow.



Six super bright Gen3 LEDs make this light out-shine it's halogen competitors with less amp draw.



LED Work Lights do not reflect the snow like it's halogen counterparts making snow plowing easier.

## Features

- Announcing our new 1000 Lumen 4" Square LED Work Light that is built for the most demanding work environments including material handling, construction, agricultural, forestry, mining and other off-road equipment applications.
- Long-lasting life of 30,000+ hours - no more broken bulbs and long lasting, reliable light output to illuminate your work areas and equipment.
- Mounting Bracket can be tilted forward or back 180 degrees to angle the light where you need it.
- Waterproof o-ring sealed design with a rugged die cast metal housing protects the LEDs from dust, vibration and moisture.
- Featuring exclusive premium optics that boost the LED power.
- Made with 6 super bright Gen3 White LEDs for an uncompromising flood of light for your work areas.
- The operator of the snowplow pictured at left told us "there's no reflection from the snow like halogen lights" & "everyone sees it coming & gets out of the way!" - a distinct advantage in snowy climates for clearing sidewalks or even plowing parking lots.

### 1000 Lumen 4" Square LED Work Light

Flood #EWLC1000SBDFOW

Spot #EWLC1000SBDSOW

Trapezoid #EWLC1000SBDTOW

#### TECHNICAL SPECIFICATIONS

Illumination Patterns	Flood, Spot or Trapezoid
Color Temperature:	5700K
Input Voltage Range:	10 - 50 Vdc for worldwide use
Current Consumption:	
@ 12.8 Vdc	3.1 amps
@ 25.6 Vdc	1.1 amps
@ 51.2 Vdc	0.7 amps
# of LEDs:	6 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	<u>w</u> idth x <u>h</u> eight x <u>d</u> epth
	4" w x 4" h x 2.75" d (5.5" height w/ bracket)



# PAR 36 (Gen3 500 Lumen LED Work Light)



New 500 Lumen PAR 36 LED Work Light is available in Spot, Flood & Trapezoid illumination patterns.



Work light mounted to the rear of a salt truck provides unparalleled illumination and reliability.



Rugged light is built for demanding work environments with adjustable & versatile mounting bracket.

## Features

- Announcing our new 500 and 1000 Lumen LED Work Lights that are built for the most demanding work environments including material handling, construction, agricultural, forestry, mining and other off-road equipment applications.
- Long-lasting life of 30,000+ hours - no more broken bulbs and long lasting, reliable light output to illuminate your work areas and equipment.
- Mounting Bracket is made from a stainless steel and can be tilted forward or back 180 degrees to angle the light where you need it.
- Waterproof o-ring sealed design with a rugged die cast metal housing protects the LEDs from dust, vibration and moisture even in the toughest work environments.
- Featuring exclusive premium optics that boost the LED power in Spot, Flood or Trapezoid illumination patterns.

### 500 Lumen PAR 36 LED Work Light

Flood #EWLA0500DBDF0W

Spot #EWLA0500DBDS0W

Trapezoid #EWLA0500DBDT0W

### TECHNICAL SPECIFICATIONS

Illumination Patterns	Flood, Spot or Trapezoid
Color Temperature:	6500K
Input Voltage Range:	10 - 50 Vdc for worldwide use
Current Consumption:	
@ 12.8 Vdc	1.3 amps
@ 25.6 Vdc	0.6 amps
@ 51.2 Vdc	0.3 amps
# of LEDs:	3 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	diameter x height x depth
	4.49" diam x 5.66" h x 2.79" d (height measurement is w/ bracket)



# PAR 36 (Gen3 1000 Lumen LED Work Light)



New 1000 Lumen PAR 36 LED Work Light is available in Spot, Flood & Trapezoid illumination patterns.



Work light mounted to the underside of a salt truck provides unparalleled illumination and reliability.



Rugged light is built for demanding work environments with adjustable & versatile mounting bracket.

## Features

- Announcing our new 500 and 1000 Lumen LED Work Lights that are built for the most demanding work environments including material handling, construction, agricultural, forestry, mining and other off-road equipment applications.
- Long-lasting life of 30,000+ hours - no more broken bulbs and long lasting, reliable light output to illuminate your work areas and equipment.
- Mounting Bracket is made from a stainless steel and can be tilted forward or back 180 degrees to angle the light where you need it.
- Waterproof o-ring sealed design with a rugged die cast metal housing protects the LEDs from dust, vibration and moisture even in the toughest work environments.
- Featuring exclusive premium optics that boost the LED power in Spot, Flood or Trapezoid illumination patterns.

### 1000 Lumen PAR 36 LED Work Light

Flood #EWLA1000DBDF0W

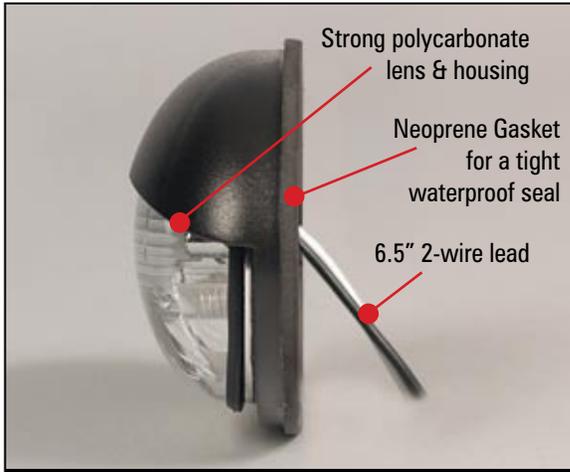
Spot #EWLA1000DBDS0W

Trapezoid #EWLA1000DBDT0W

### TECHNICAL SPECIFICATIONS

Illumination Patterns	Flood, Spot or Trapezoid
Color Temperature:	6500K
Input Voltage Range:	10 - 50 Vdc for worldwide use
Current Consumption:	
@ 12.8 Vdc	2.0 amps
@ 25.6 Vdc	1.1 amps
@ 51.2 Vdc	0.6 amps
# of LEDs:	6 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	diameter x height x depth
	4.49" diam x 5.66" h x 2.79" d (height measurement is w/ bracket)





**Affixed Neoprene gasket ensures a tight, weather-proof seal. Mounting screws included.**



**A single powerful, bright white LED diode provided unparalleled output for passenger safety.**



**Extended side lens provides wide flood of light. Light has a slim size at just 1.27" depth.**

**4" Curb/Entry Light**  
#ECVCBLTST



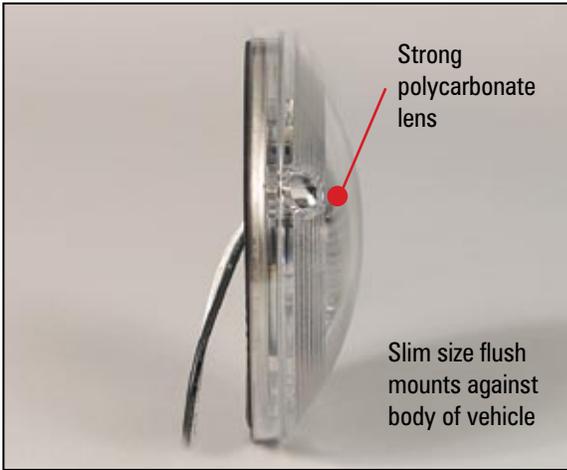
- New exterior or interior use Stepwell/Entry light is made with a single super bright Gen3 LED.
- Light has passed IP67 testing, which is a rigorous dust & immersion test performed for a customer who wished to use the light on a water platform.
- Perfect for school, transit or shuttle buses as well as municipal, construction or commercial vehicle trucks & trailers.
- Light design helps meet ADA requirements by focusing light on curb/entry door area. Great for illuminating stepwell and entry areas for passenger safety on school, transit or shuttle buses.
- Durable & shatter resistant clear polycarbonate lens with UV inhibitor to prevent yellowing of the lens.
- Black housing is made from a strong polycarbonate.
- Affixed neoprene gasket creates a tight seal when installed to prevent water & moisture from entering the light components.

**TECHNICAL SPECIFICATIONS**

Input Voltage Range:	10 - 30 Vdc
Current Consumption:	0.3 amps 12.8 Vdc 0.15 amps @ 25.6 Vdc
# of LEDs:	1 Gen3 LED
Operating Temperature:	-40° to +65° C
Dimensions:	4" l x 2.74" h x 1.27" d
Mounting:	Mounts on 3.09" centers



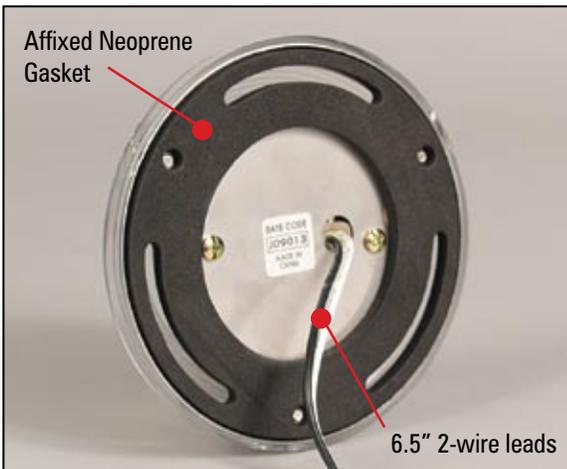
**4.5" Stepwell Light**  
#ECVSWLTST



Strong polycarbonate lens

Slim size flush mounts against body of vehicle

**Lens is made from a strong & durable polycarbonate with UV inhibitor to prevent yellowing.**



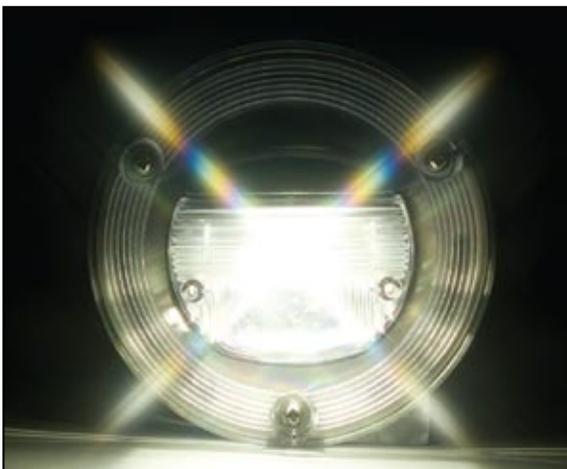
Affixed Neoprene Gasket

6.5" 2-wire leads

**Light mounts into pre-drilled holes or existing holes for retro-fit applications. Affixed neoprene gasket.**



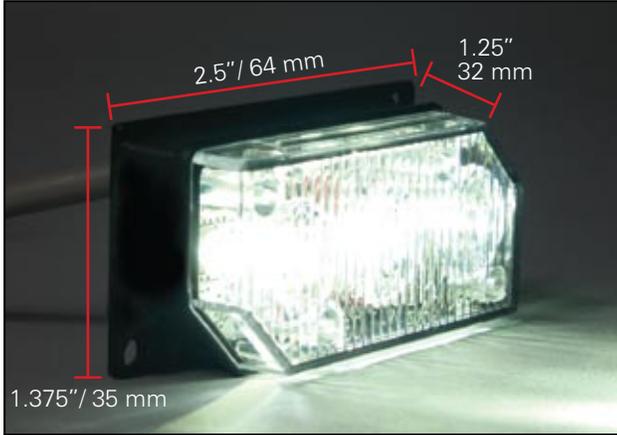
- New interior use Stepwell light is made with a single super bright Gen3 LED.
- Provides excellent lighting at the entrance of buses & wheel chair lifts to illuminate the steps for safe entry & exit in dark conditions.
- Light design helps meet ADA requirements by focusing light on steps/entry area.
- Light mounts into pre-drilled holes as determined by the bus manufacturer or existing holes for a retro-fit application when converting from an incandescent light.
- Durable & shatter resistant clear polycarbonate lens with UV inhibitor to prevent yellowing of the lens.
- Affixed neoprene gasket creates a tight seal when installed to prevent water & moisture from entering the light components.



**Light is just under 4.5" in diameter while specially designed optics disperse a wide flood of light.**

**TECHNICAL SPECIFICATIONS**

Input Voltage Range:	10 - 30 Vdc
Current Consumption:	0.3 amps 12.8 Vdc 0.15 amps @ 25.6 Vdc
# of LEDs:	1 Gen3 LED
Operating Temperature:	-40° to +65° C
Dimensions:	4.48" diam. x 1.20" d



# LED3

## MINI LIGHT PRODUCTS

by SoundOff Signal



**LED3 Mini Spotlight**  
#EL3SSCW



Universal Grille Bracket  
#EL3SNBRK1GRU



45° Bracket  
Vertical #EL3SNBRK145  
Horizontal # EL3SNHBRK145



90° Bracket  
#EL3SNBRK190



Side-by-Side 90° Bracket  
#EL3SNBRK290H



Stacked 90° Bracket  
#EL3SNBRK290V (horiz. mount)



Stacked 90° Bracket  
#EL3SNBRK290V (vertical mount)



Universal Lic. Plate Bracket:  
Horizontal (shown) #EL3SNBRK2LPH  
Vertical #EL3SNBRK2LPV

Ford Crown Vic, Chevy Impala  
& Dodge Charger (2006) Bracket:  
Horiz. Lic. Plate Bracket #EL3SNBRK2LPHE  
Vertical Lic. Plate Bracket #EL3SNBRK2LPVE



Single Bezel  
#PEL3BZSG(x)



Dual Stacked Bezel  
#PEL3BDS(x)



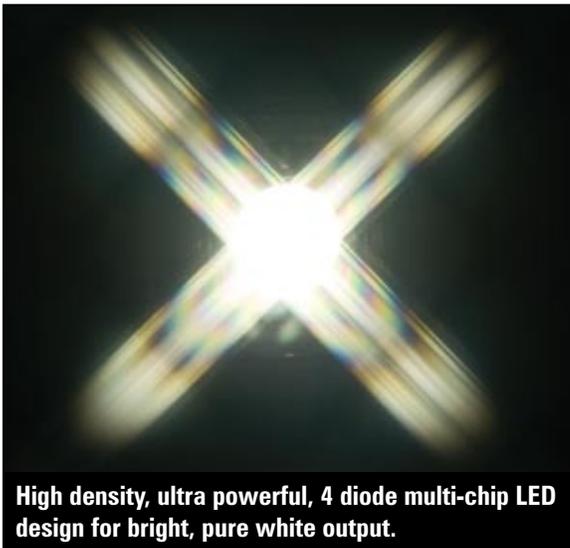
Dual Side-by-Side Bezel  
#PEL3BZSS(x)

Bezels available in:  
Black=B, Chrome=C, White=W

- The new LED3 Mini Spotlight is a high powered, versatile surface mount light designed for maximum impact with a 45° Flood lens and bright, high bin LEDs for superior light output, efficiency & consistent color.
- Compact size allows you to use it anywhere you have restricted space that needs bright, white output.
- Many versatile mounting options with optional brackets & bezels for a variety of applications.
- Spotlight is made with only the highest quality, high bin LEDs for consistent & pure white LED color.
- Light has a black powder coated aluminum housing with a strong, crystal clear Lexan polycarbonate lens.
- Weatherproof design has superior performance regardless of weather conditions.
- Includes Rubber Mounting Gasket & Mounting Hardware with 18" of 3-Wire Shielded Cable.

### TECHNICAL SPECIFICATIONS

Flash Patterns:	None - Steady Burn only
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	less than 0.4 amps
# of LEDs:	3 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	width x height x depth
	2.5" w x 1.375" h x 1.25" d 64 mm x 35 mm x 32 mm



High density, ultra powerful, 4 diode multi-chip LED design for bright, pure white output.



Available with 3 lens output options; Mighty Night Light can be mounted vertically or horizontally.



Standard/15° Lens shown.

Standard Lens



15° Forward Lens



45° Flood Lens



# Mighty Night Light

#EAUSSMBØSWC Standard Lens

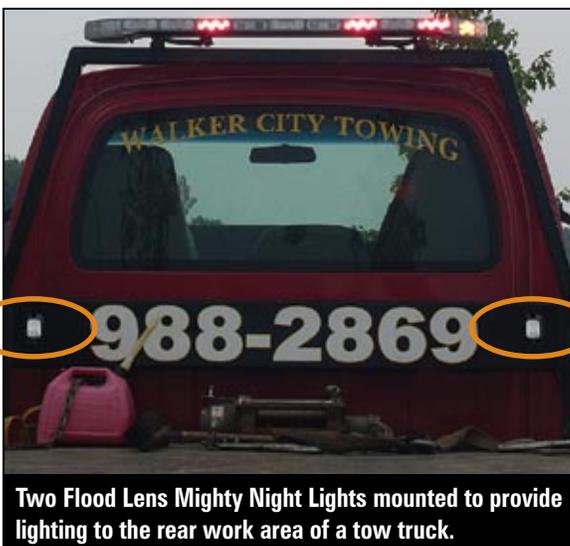
#EAUSSMBØAWC 15° Forward Facing Lens

**NEW!** #EAUSSMBØFWC 45° Flood Lens

- Introducing the "Mighty Night Light", a white LED high powered spotlight for commercial vehicle & public safety use. Compact size allows you to use it anywhere you have restricted space that needs bright, white output.
- Available in a Standard forward output lens, a 15° Forward Facing lens or a new, 45° Flood lens (see photo left center). Light can be positioned vertically or horizontally depending on your mounting area.
- Built with the LED Alley light module that is used in our lightbars. The light module has been re-purposed with a compact & durable housing for surface mounting in many types of applications.
- Light is made with a high density, ultra powerful, multi-chip LED with a durable with a die cast aluminum housing & a tough Lexan polycarbonate lens.
- Housing is powder coated with a UV inhibitor to prevent fading.
- Light has an attached Molex Connector, Mounting Gasket & Hardware with approx. 35" of shielded cable.

## TECHNICAL SPECIFICATIONS

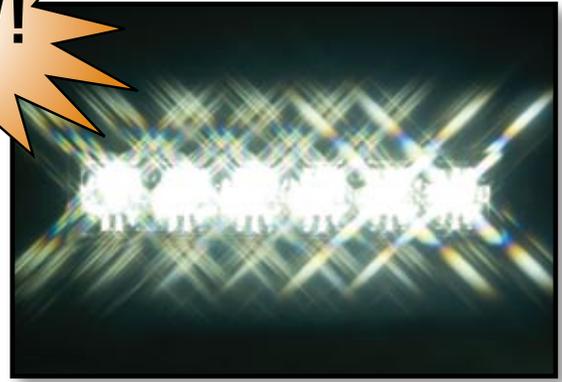
Input Voltage Range:	10 - 30 Vdc
Current Draw:	0.65 amps @ 12.8 Vdc
# of LEDs:	4 diode multi-chip LED
LED Technology:	Generation 3
Operating Temp.:	-40° to +65° C
Dimensions:	4.1" height x 2.8" width" x 1.3" depth
Mounting:	Mounts on 3.54" centers



Two Flood Lens Mighty Night Lights mounted to provide lighting to the rear work area of a tow truck.

**NEW!**

**GHOST™**  
*Rock Light*



**GHOST™ Rock Light White Spotlight**  
#EGHSTS3W Black Housing



Angle lighthouse directly where you need it w/ adjustable tilt bracket.

**Universal Rock Light is a Severe Duty, High Output, White LED Light Solution that has thousands of applications in virtually any market.**

***Features***

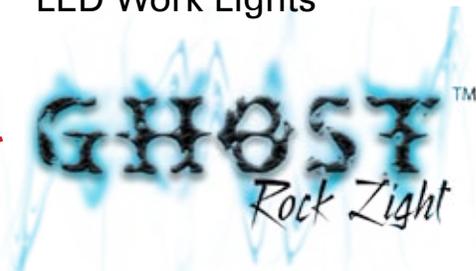
- Severe Duty design with anti-crush heavy metal bracket with adjustable lighthouse tilt feature.
- Pure white, high bin LEDs offer consistent color & intensity with specially designed optics to boost the light.
- GHOST Rock Spot Light is an all white, steady on light with many uses to illuminate your surroundings.
- Tilttable lighthouse allow you to angle the light just where you need it for increased visibility & safety.
- Professional grade, high bin Gen3 LEDs offer a low amp draw, consistent white color & long-lasting reliability.
- Light is made from our reliable & innovative GHOST™ Single Light (see pgs. 33-34 for more information & specs).
- 10-30 Volt operating range.
- Size: 5.25" w x 1.625" h x 1.75" d



2-GHOST Rock Lights with 2-1400 Lumen Work Lights on an ATV.

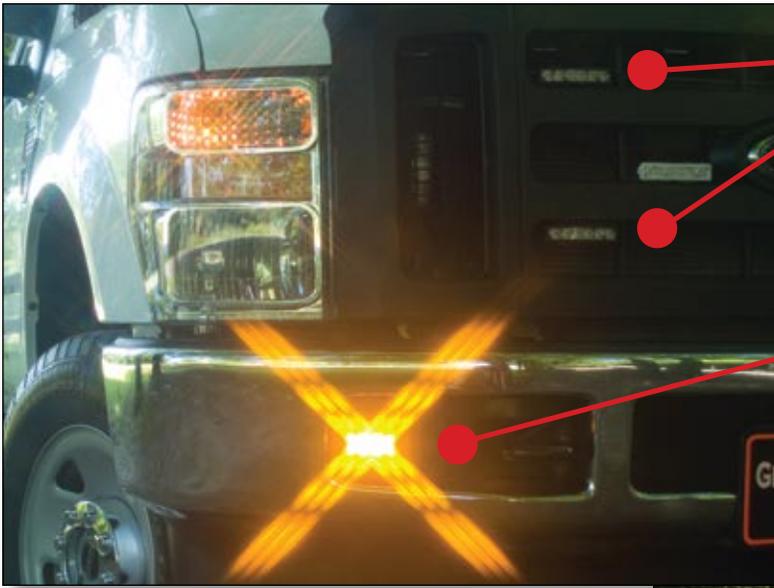


1400 Lumen  
LED Work Lights



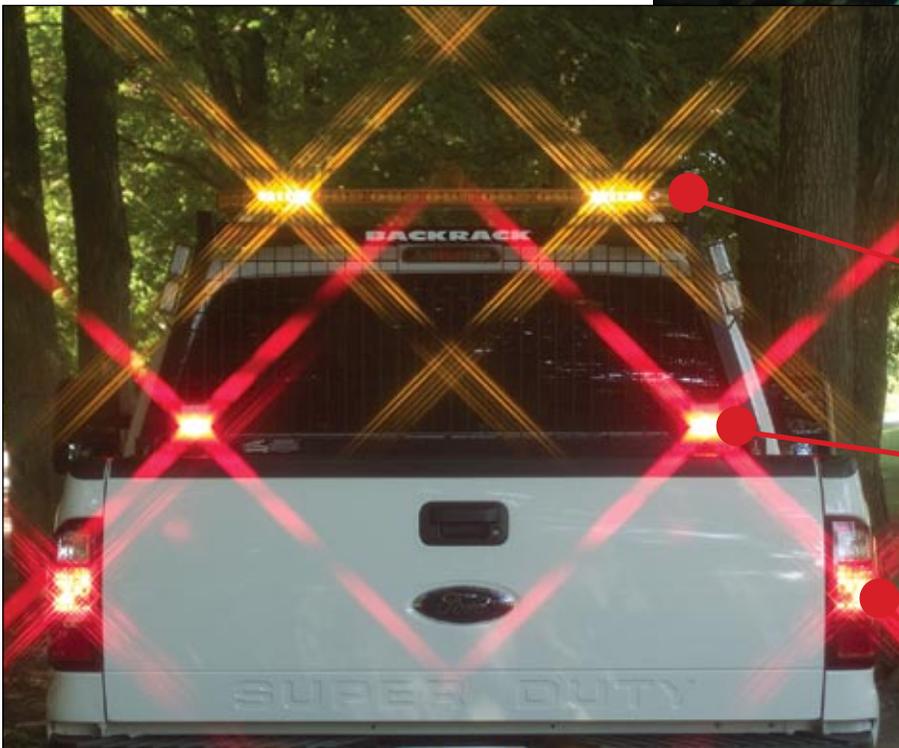
Two GHOST Rock Lights and dual 1400 Lumen LED Work Lights mounted in the front of an ATV. Lights offer bright nighttime illumination & heightened safety through increased visibility.





SoundOff Signal offers a complete line of LED Amber & Signal products. Please visit our website at [www.soundoffsignal.com](http://www.soundoffsignal.com) to see all our products.

Pictured (at right): Pinnacle™ Lightbar, XP 63 Lights (in windshield), GHOST™ Dual Directional Edge Mount lights (on hood), GHOST™ Single Directional Permanent Mounts (in grille).



When the going gets tough,

WE GET GOING.



Hudsonville • Grand Rapids  
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After 36 years of experience, we are the proud professionals for emergency vehicle safety products. Exploding in growth for the past 10 years, SoundOff Signal has grown significantly to be a trusted employee-owned company. Our American ingenuity and innovation provide Michigan-based manufacturing you can count on.

Our customers are the heart and soul of our company, and we thank you for your business during these tough times.

To learn more, give us a call 1.800.338.7337 or visit us at [www.soundoffsignal.com](http://www.soundoffsignal.com).

- 2001**
  - First LED Bus Lights
- 2002**
  - First LED Warning Lights
- 2004**
  - Changed name to SoundOff Signal
  - Predator 2 products introduced
- 2005**
  - Built new 50,000 sq. ft. facility
- 2006**
  - Offered employees stock ownership (ESOP)
- 2007**
  - First LED Lightbar (ETL 5000)
- 2008/2009**
  - *19th consecutive year of increased market share*
- 2010**
  - *Continuous growth & innovation*



We are SoundOff Signal.

Continually providing quality Michigan-based manufacturing to keep your emergency fleets safe.

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**Signal** |||||®

*Manufacturer of LED Lighting & Safety Products  
for Emergency, Bus & Commercial Vehicles.*



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