

2010 **AMBER & WARNING PRODUCTS**



SoundOff
Signal.com[®]
an employee owned company

NEW!

PINNACLE

Series Lightbars



FUSION
Technology

Lightbar, Mini Lightbar & Warning Bars
Pgs. 1-2, 10-12

GHOST™



2 Module Bars
Pgs. 17-18 & 60

UltraLITE



Surface Mounts
Pgs. 44 & 52



Switches
Pg. 24



RAPTOR™

EXPLOSIVE POWER. EXTREME ANGLE.

NEW!

Visor Lts.
Pgs. 67-68



Interior
Pgs. 79-82



Night Light

MIGHTY



Spot & Work Lights
Pgs. 83-90



GHOST ROCK LIGHT

NEW!

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Pinnacle™ *(Fusion Technology Gen3 Lightbar)*



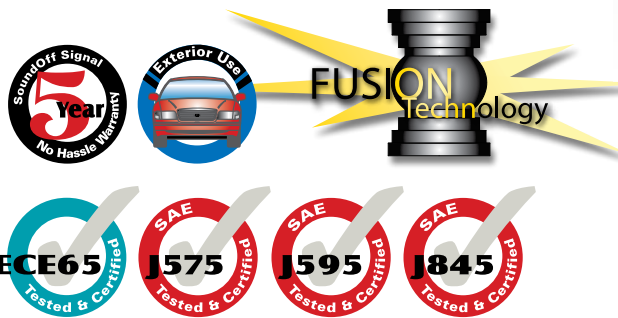
Clear lens bar shown illuminated with Red & Blue LEDs with 2 center white LED Take Down Modules.



Fusion Technology optics with powerful & bright Gen3 LEDs command attention & increase safety.

Features

- Pinnacle™ Series lightbars feature our innovative optics design, "Fusion Technology", the first ever optics designed much like a lighthouse to boost the light farther & wider for a bright, safe warning signal.
- **New Pre-emption Infrared Module** available. The sleek, secure, power-efficient way to improve intersection safety & reduce response times. Provides emergency vehicle pre-emption at all intersections equipped with the Opticom™ Infrared System.
- Now with 2 Split Arrow Module options:
 - Low Diode Split Arrow Modules w/ 6 LEDs per module. Every other diode flashes across the arrow.
 - **New High Diode Split Arrow Module** features double the LEDs, 12 total for each module. 6 Diodes flash in each color for a full, solid arrow effect.
- Standard with LED Take Down/Work Light & Alley lights.
- 2 Alley Light options: Standard or 15° Forward Facing. 15° Forward Facing module casts the light slightly forward for better side viewing down dark alleys.
- 2 mounting options to choose from: innovative Adjustable Mount or Low Profile Fixed Mount Brackets. Adjustable Mount allows for custom height & tilt adjustments. Low Profile Mount keeps the lightbar close to the roof line of the vehicle for a sleek, discreet appearance.
- Clear Lenses or Color Lenses in Blue, Red, Amber or Green.
- Available lengths: 36", 42", 48", 54" & 60".
- Increased flexibility with 4 Wire or 8 Wire Rear Arrow Control. 4 Wire option includes a built-in Arrow Controller which works with any standard left, right or center out warning switch & is compatible with the Directional Arrow Switch (see pg. 23) . The 8 Wire option allows 8 arrow outputs which are compatible with other manufacturer's directional arrow controllers.
- Streamlined, modular design is easy to maintain with field replaceable modules that are easily upgradable.
- Two Pattern Modes:
 - 1) Cruise Mode - set to your favorite pattern.
 - 2) Low Power Mode - reduces light output to 30%.



(Blue & Amber)

Clear Lens Lightbar shown with Low Profile Fixed Mount brackets.

**More info
on Pgs. 5-6**

PINNACLE
Lightbar



NEW!

#EPL9000



**Ask About
Opticom™
Pre-emption Module**



Gen3 multi-chip LED Alley Light is bright & powerful. Standard & 15° Forward Facing options.



Intense bright white Gen3 LED Take Down/Work Lights.

Lightbars - Pinnacle LED Lightbar

1.800.338.7337 / www.soundoffsignal.com

**Ask About
Pinnacle™ Ultra
Coming Soon!**

Color Lens Lightbar shown with Low Profile Fixed Mount brackets..

ETL 5000 (Gen3 Lightbar)



Low Profile Fixed Mount Brackets have a low clearance of just 3/4" on Ford Crown Victorias.



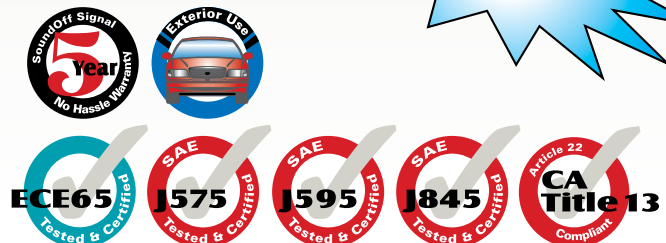
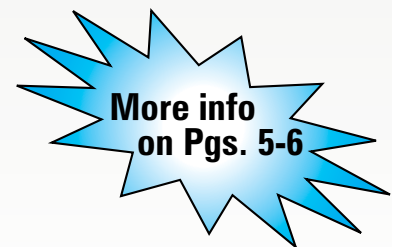
ETL 5000 Lightbar & Predator 2™ Deck/Grille & Surf. Mnt. lights shown on a Chevrolet Impala police vehicle.



ETL 5000 Lightbar shown on a Dodge Charger with Fixed Mount brackets. ETL 5000 Lightbars are custom built to your order specifications.

Features

- The most powerful & visible LED lightbar on the market... the ETL 5000 exceeds SAE light requirements with end cap output alone!
- An industry innovation....“Rear Split Arrow” option 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.
- LED or Halogen Take Down, Work Light & Alley lights.
- 2 mounting options to choose from: innovative Adjustable Mount or Low Profile Fixed Mount Brackets. Adjustable Mount allows for custom height & tilt adjustments that are especially useful for larger vehicles. The Low Profile mount keeps the lightbar close to the roof line of the vehicle for a sleek, discreet appearance.
- 2 Alley Light options: Standard or 15° Forward Facing. 15° Forward Facing module casts the light slightly forward for better side viewing down dark alleys.
- Increased flexibility with 4 Wire or 8 Wire Rear Arrow Control. 4 Wire option includes a built-in Arrow Controller which works with any standard left, right or center out warning switch & is compatible with the Directional Arrow Switch (see pg. 23) . The 8 Wire option allows 8 arrow outputs which are compatible with other manufacturer’s directional arrow controllers.
- Streamlined, modular design is easy to maintain with field replaceable modules that are easily upgradable.
- Two Pattern Modes (**see pg. 6 for all Technical Specs**):
 - 1) Cruise Mode - set to your favorite pattern
 - 2) Low Power Mode - reduces light output to 30%.

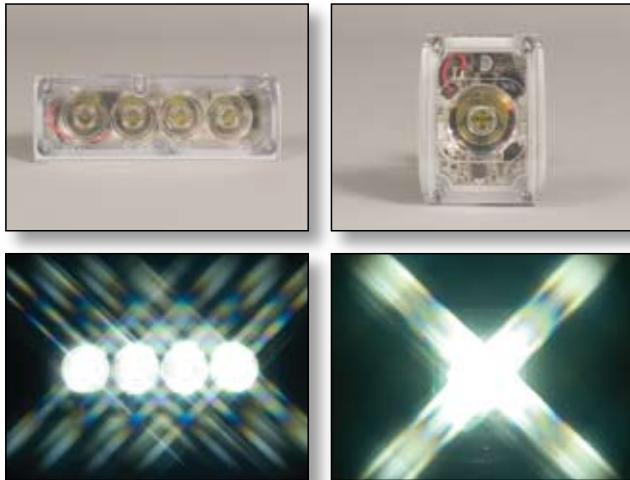




#ETL5000



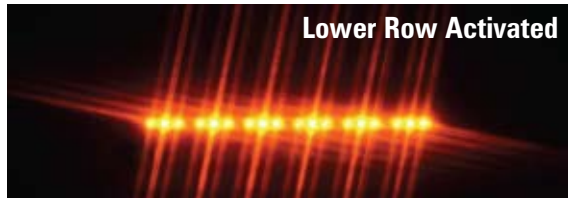
Low Profile Fixed Mount Brackets shown.



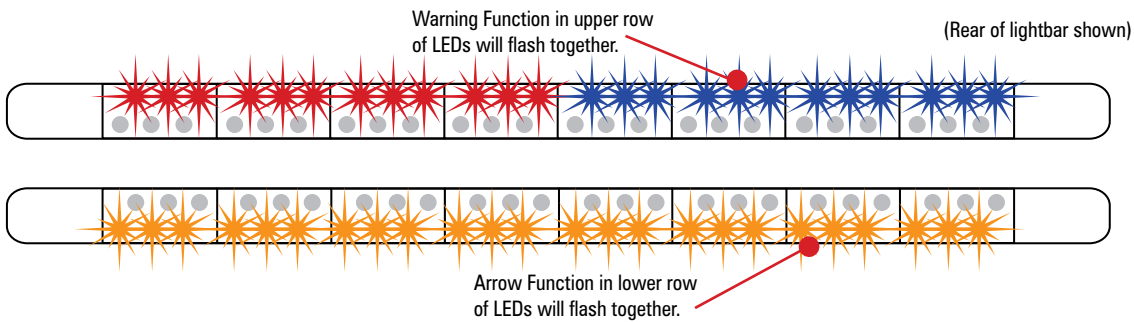
NEW! LED Take Down/Work Lights & Alley Lights. Made with pure white, Gen3 LEDs that are driven for maximum output & intense white light. LED Alley light has over 300 lumen output while the Take Down/Work Light modules have nearly 500 lumen output. Quick & easy upgrade with Plug n' Play retrofit with Halogen modules.



Upper Row Activated



Lower Row Activated



An industry innovation....“Split Arrow” option that activates the upper row of LEDs in all the Rear Arrow Modules against the bottom row of LEDs. The upper row offers Warning patterns and is available in Amber, Blue, Green, Red or White LEDs, while the lower row of LEDs offers Arrow patterns available in Amber LEDs only.



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 eases and reduces installation time and expense.

See our full line of Sirens, Speakers & Switches pgs. 23-28



Adjustable Mount Brackets shown.

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.

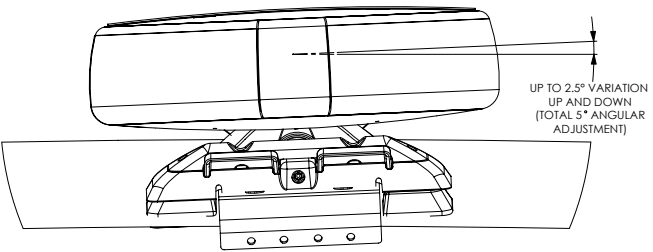
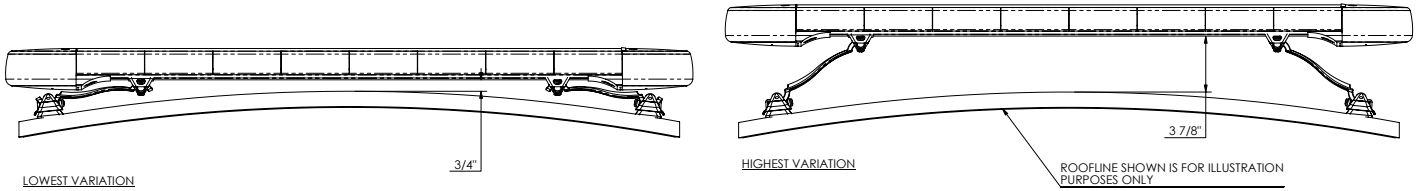


Diagram A: Angle Adjustment

- 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 A).
- Large rubber mounting pads provide a non-slip, cushioned interface between the vehicle roof and the lightbar.
- Mounting brackets offer vertical height adjustment of 3" (see Diagram B) and are made from aluminum and stainless steel for excellent durability and corrosion resistance.

Diagram B: Height Adjustment



NOTE: ELEVATIONS SHOWN WILL VARY DEPENDING ON ARCH OF ROOF (VARIOUS MODELS)



LIGHTBAR TECHNICAL SPECIFICATIONS

	ETL 5000	Pinnacle Series
Flash Patterns:		
Standard Warning	18 flash patterns	21 flash patterns
Halogen Take Down or Alley	5 flash patterns	Not Available
LED Take Down or Alley	5 flash patterns	
Arrow Left, Center & Right	4 flash patterns	
Arrow Warning	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 Amp	1.0 Amps
Alley Light - Halogen	2.8 Amps Steady On 1.4 Amps Flashing	
Alley Light - LED	LED 0.627 Amps Steady On 0.315 Amps Flashing	
Take Down - Halogen	5.6 Amps Steady On 2.8 Amps Flashing	Not Available
Take Down - LED	0.928 Amps Steady On 0.5 Amp Flashing	1.0 Amps
LED Info:		
Inboard Module	6 Gen3 LEDs	
Corner Module	12 Gen3 LEDs	
Take Down Module	4 Gen3 LEDs	6 Gen3 LEDs
Alley Light Module	1 multi-chip Gen3 LED	
Operating Temperature:	-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

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

MTL 2000 Lightbar *(Strobe or Halogen)*



MTL 2000 Strobe lightbar shown mounted to a Ford Crown Victoria Police Interceptor.



A great lightbar for Tow/Wrecker trucks. An all Amber bar is shown mounted to a tow truck.



Bright Take down lights consist of two MR-11 bulbs to clearly illuminate your surrounding area.

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/light-bars.htm and visit the MTL 2000 Lightbar web page.





MTL 2000 Strobe Lightbar



MTL 2000 Halogen Lightbar



MTL 2000 Strobe Lightbar



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 10' cord with attached 12 volt cigar plug with On/Off and 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



Features

- 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 lightbar has 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/ Ø.87" clearance
Permanent Mount	2.93" overall height w/ 1.05" clearance



Pinnacle Mini Lightbar

Magnetic Mount: #EPL7M+(x)C

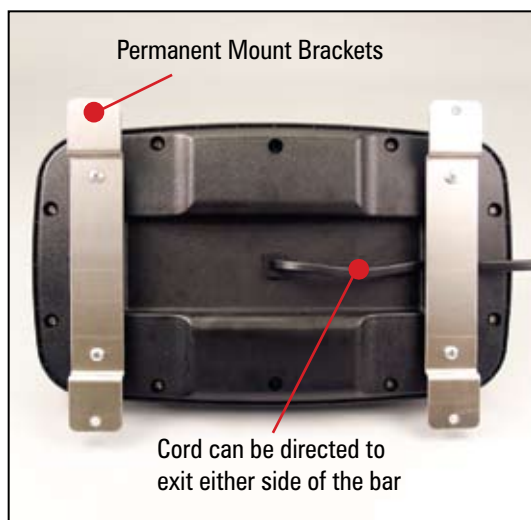
Permanent Mount: #EPL7PD(x)C



New Mini Lightbar with exclusive Gen3 LED "Fusion Technology" optics.



Pinnacle Mini Lightbar delivers 360 degrees of powerful & bright output in 10 solid or split colors.



Permanent Mount Brackets or Magnetic Mount available depending on your needs.



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 lightbar has Cigar Plug (10' wire length) with a 3-position rocker switch. Simply press the down arrow to advance to the pattern desired and then turn the lightbar on. Non-volatile memory recalls last flash pattern used upon power up.
- 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 upon 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





PINNACLE

Rear Deck Lightbar



#EPL8000 Rear Deck Lightbar (Ford Crown Victoria model shown)



Pinnacle Rear Deck Ford Crown Victoria Brackets shown on passenger side shroud.



Each lightbar features 8 Powerful Fusion Technology modules for a safe bright, wide angle output.



Pinnacle Rear Deck bar installed in a Ford Crown Victoria. UltraLITE 2 Module bar also shown, see pg. 18.

- Rear Deck model is a sleek shrouded compact design that installs neatly into the rear deck for powerful rear warning signal. Signal is visible even when the trunk is open.
- Ford Crown Victoria & Chevrolet Impala models available at time of catalog print date. Check our website or call to inquire about other vehicle specific models.
- Features 8 Fusion Technology Gen3 LED Modules. Crown Vic Rear Deck lightbar is 2 pieces while the Impala bar is a single shroud (see website for photos).
- 6 or 8 Rear Arrow Modules can be selected. 6 Module Rear Arrow bar allows designation of single warning ends at each end of the lightbar (Take Down lights not available).
- LED Colors: Amber, Blue, Green & Red. Offered in Clear Lens Modules only.
- Pinnacle Rear Deck Lightbars are custom configured to your specifications, please go to our website at www.soundoffsignal.com/lightbars_index.htm to download order forms, installation instructions, dimensions or literature.

TECHNICAL SPECIFICATIONS

Flash Patterns:	4 Directional for Left, Center Out & Right 14 Warning End Patterns 10 Directional Warning Bar Patterns
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)
# of LEDs:	48 Gen3 LEDs (6 LEDs/module)
Operating Temperature:	-40° to +65° C
Dimensions:	length x height x depth
Ford Crown Victoria	2 Pc. Shroud 19.43" l x 1.75" h x 7.23" d (each)
Chevrolet Impala	Single Shroud 38.19" l x 1.27" h x 4.58" d





#EPL8000 Windshield
(Ford Crown Victoria model shown)



Pinnacle Mini Lightbar delivers 360 degrees of powerful & bright output in 10 solid or split colors.



Smaller footprint than competitor interior lightbars!

Lightbar is the smallest, tightest fitting interior bar with no flashback and no obstruction.



Ultra bright Fusion Technology optics power through tinted windows. Red/Blue Split Bar shown with 2 center LED Take Down Modules.

- 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 www.soundoffsignal.com/lightbars_index.htm to download order forms, installation instructions, dimensions or literature.
- LED Colors: Amber, Blue, Green & Red. Offered in Clear Lens Modules 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)
# of LEDs:	48 Gen3 LEDs (6 LEDs/module)
Operating Temperature:	-40° to +65° C
Dimensions:	length x height x depth
Ford Crown Victoria	38.96" l x 1.38" h x 5.51" d
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 Impala	38.84" l x 0.82" h x 5.92" d
Chevrolet Tahoe	39.02" l x 0.70" h x 4.43" d
Dodge Charger	21" l x 1.50" h x 8.68" d ea. (2-Pc. Shroud)

UltraLITE (Interior Gen3 Warning Bar)



8 Module UltraLITE bar, ETL 5000 Lightbar with a Predator 2 CHMSL light in the rear window.



12 Module Bar mounted in the rear deck of a Ford Crown Victoria Police Interceptor.



12 module UltraLITE in the rear window of a Ford Crown Victoria w/ XP 63 lights (see pg. 36).

Features

- We have taken our powerful little LED3 Mini Light and made it into a versatile line of interior directional/warning bars.
- Incredible & intense warning power provides a distinct safety advantage for your police force.
- Available in 4, 8 or 12 LED3 module lengths - each LED3 module contains 3 bright Gen3 LEDs (see pg. 43 for information on our surface mount LED3 Mini Light).
- Slim, narrow design is perfect for headliner or dash mounts in all types of vehicles.
- Offered in four safety solid colors with split color combinations available. The 8 Module bar is available with Single Warning Ends, and the 12 Module bar is available with Single or Dual Warning Ends (see pg. 15 for all color options).
- Bars include universal Dash/Deck Headliner mount w/ 11.5' of wire for hard wire installation (see pg. 16 for vehicle specific bracket availability & part numbers).
- 8 & 12 Module split color bars can program up to 3 warning patterns.
- Features many built-in Flash Patterns including our **LiteRyder** Flash Pattern, a "sweeping" flash pattern in fast or slow modes.

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:	(flash pattern dependent)
4 Module Bar	less than 2 amps
8 Module Bar	less than 4 amps
12 Module Bar	less than 6 amps
# of LEDs:	
	4 Modules - 12 Gen3, 8 Modules - 24 Gen3, 12 Modules - 36 Gen3
Operating Temperature:	-40° to +60°
Dimensions:	length x height x depth
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

UltraLITE



Interior Warning Bar



**4, 8 or 12 Module Warning Bars
w/ Universal Dash/Deck Mounting Brackets**

4 Module Bar: EL3H04A00(x)

8 Module Bar: EL3H08A00(x)

12 Module Bar: EL3H12A00(x)



Universal Dash/Deck Mounting Brackets included.

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

8 Module, Single: EL3H08A10(x)

12 Module, Single: EL3H12A10(x)

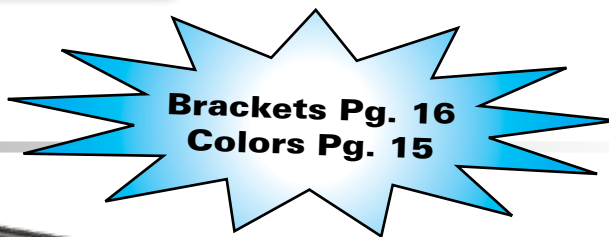
12 Module, Dual: EL3H12A20(x)

**w/ Warning Ends
(flash independent from arrow)**

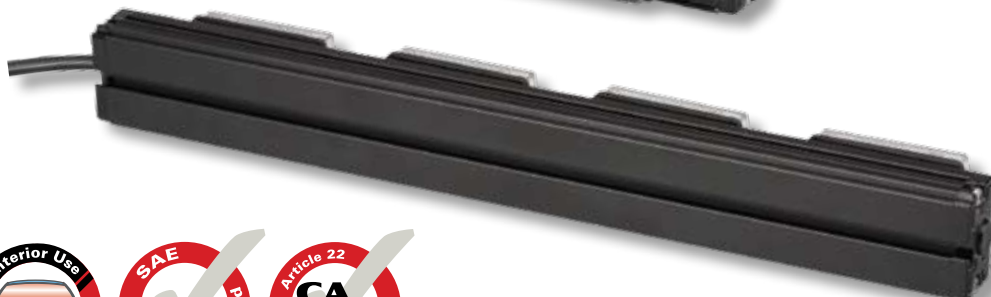
8 Module, Single: EL3H08B10(x)

12 Module, Single: EL3H12B10(x)

12 Module, Dual: EL3H12B20(x)



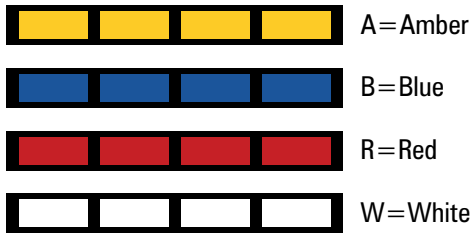
Close up photo of 4 Module bar
(shown without brackets).



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

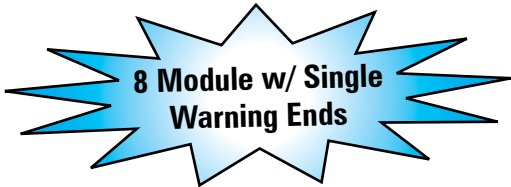
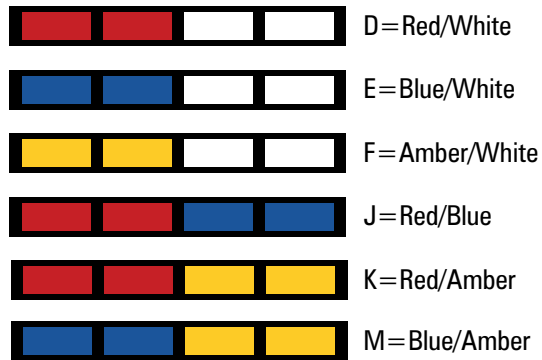


Solid Colors for 2, 4, 8 & 12 Module Lengths:

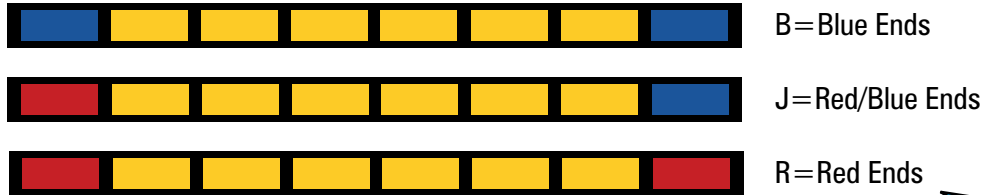


Replace "(x)" in Part Number with desired color code.

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



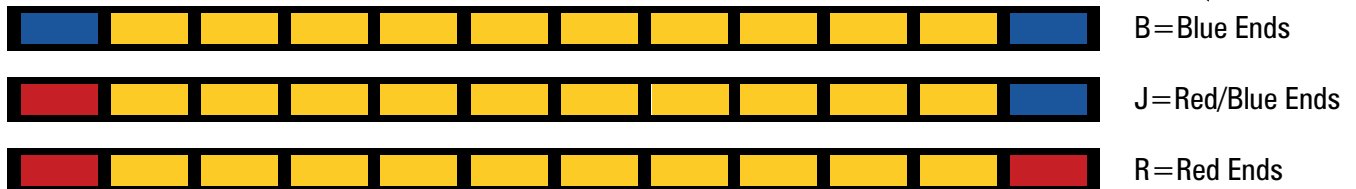
UltraLite 8 Module Arrow w/ Single Warning Ends:



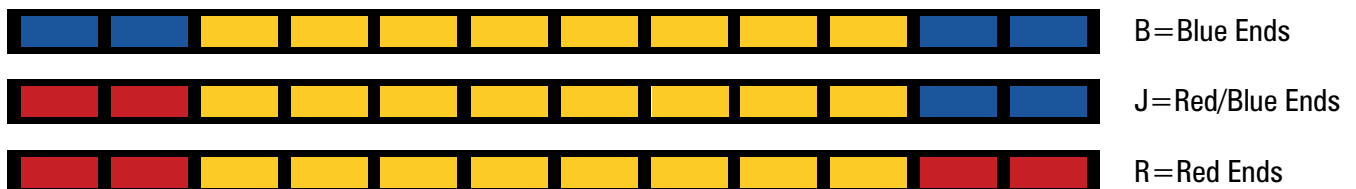
Replace "(x)" in Part Number with desired color code.



UltraLite 12 Module Arrow w/ Single Warning Ends:

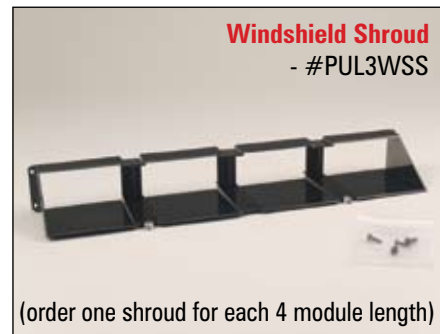
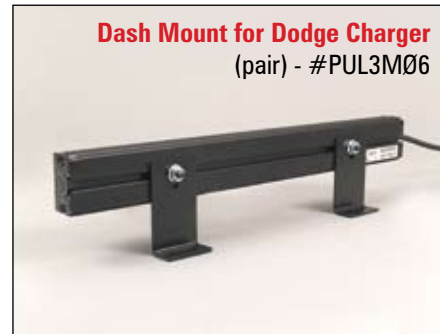
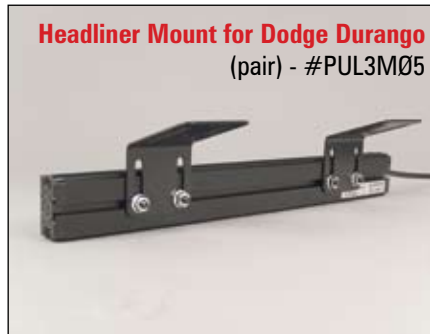
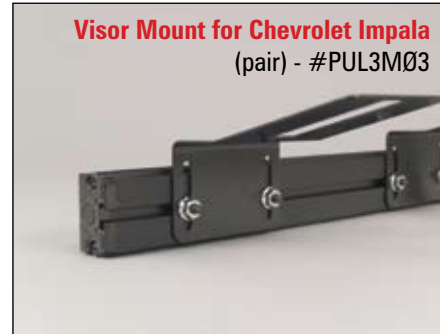


UltraLite 12 Module Arrow w/ Dual Warning Ends:



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

UltraLITE

- Exterior Replacement Modules:**
- Amber #PUL3M05AMB
 - Blue #PUL3M05BLU
 - Green #PUL3M05GRN
 - Red #PUL3M05RED
 - White #PUL3M05WHT

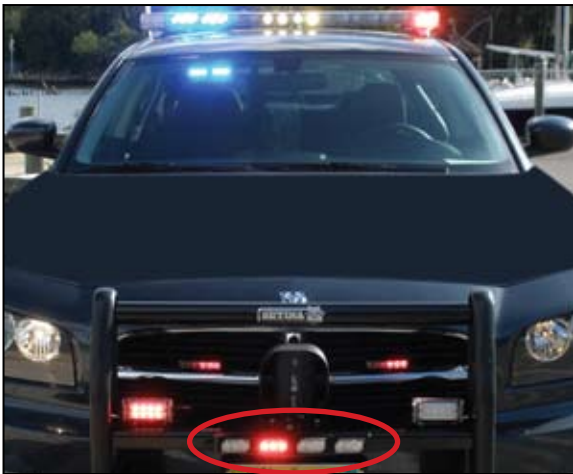
- Interior Replacement Modules:**
- Amber #PUL3M16AMB
 - Blue #PUL3M16BLU
 - Green #PUL3M16GRN
 - Red #PUL3M16RED
 - White #PUL3M16WHT

***Please Note:** UltraLITE warning bars ordered separately. For detailed product information please see Interior bars on pgs. 14-15, Exterior bars on pgs. 17-18 and the Windshield Lights on pgs. 59-60.

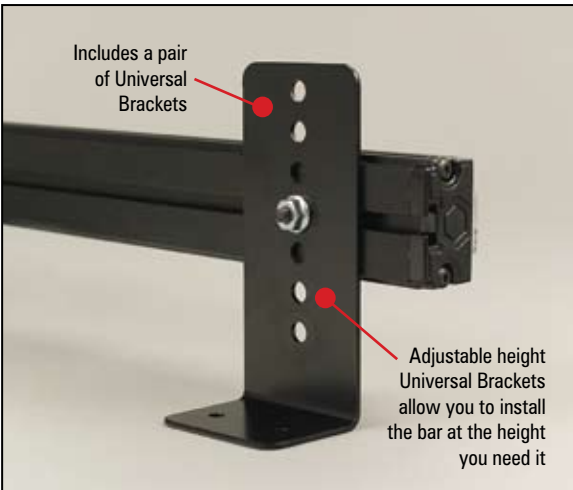
UltraLITE (Exterior Gen3 Warning Bar)



UltraLITE 4 Module Exterior bar shown mounted to the push bumper on a Dodge Charger vehicle.



The versatile UltraLITE Exterior bar is made with durable & weatherproof LED3 modules.



Includes a pair of Universal Brackets

Adjustable height Universal Brackets allow you to install the bar at the height you need it

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

Features

- 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 and an 11.5' cable for hard wire installation.
- Compatible with our Directional Arrow Switch (see pg. 23) 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 five safety solid colors with split color combinations available, see pg. 15 for all color options.
- 8 Module bar is available with Single Warning Ends & 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.

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

UltraLITE

**Brackets
& Modules Pg. 16
Colors Pg. 15**



Exterior Warning Bar



UltraLITE Exterior Warning Bar

- NEW!** 2 Module Bar #EL3D02A00(x)
- 4 Module Bar #EL3D04A00(x)
- 8 Module Bar #EL3D08A00(x)
- 12 Module Bar #EL3D12A00(x)

- NEW!** 24 Volt 2 Module Bar #EL3D02A00(x)-24
- 24 Volt 4 Module Bar #EL3D04A00(x)-24
- 24 Volt 8 Module Bar #EL3D08A00(x)-24
- 24 Volt 12 Module Bar #EL3D12A00(x)-24

w/ Single Warning Ends (flash w/ arrow)

- 8 Module Bar: #EL3D08A10(x)
- 12 Module Bar: #EL3D12A10(x)
- 24 Volt 8 Module Bar: #EL3D08A10(x)-24
- 24 Volt 12 Module Bar: #EL3D12A10(x)-24

w/ Dual Warning Ends (flash w/ arrow)

- 12 Module Bar: #EL3D12A20(x)
- 24 Volt 12 Module Bar: #EL3D12A20(x)-24

w/ Warning 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



12 Module bar shown with Single Warning Ends in Red & Blue, EL3H12A10J.

** See page 15 for all color options **

TrafficMaster™ (Gen2 LED)



Be Seen. Warn others of your presence with our high output TrafficMaster™ & Strobe Beacons.



Perfect for vehicles with rear doors, our Split Arrow TrafficMaster™ sends a warning signal even with one door open.



Bars can be mounted in a variety of ways for internal or external applications. Shown mounted to rear of DOT vehicle.

Features

- Designed to fit interior rear windows of police vehicles or work trucks yet heavy duty design can be used outdoors as well.
- High output Gen2 LED technology & compact size.
- Reliable **self-contained** solid state design.
- LED Modules are sealed & weatherproof - requires little routine maintenance.
- 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, "L" mounting brackets & 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 "U" bracket.
- Split Arrow TrafficMaster™ (#ETTMLEDSA) is great for vehicles with split rear doors.

TECHNICAL SPECIFICATIONS

Flash Patterns:	
ETTMLED-(x) ETTMLEDSA	8 Warning
ETTMLEDW(x) ETTMLEDW2(x)-CLR	12 Warning for Warning End Modules, 5 Directional
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	2.2 amps
# of LEDs:	168 Generation 2 LEDs
Operating Temperature:	-30° to +60°
Dimensions:	<u>Length</u> x <u>Height</u> x <u>Depth</u>
	42" l x 2 3/4" h x 1.75" 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



TrafficMaster™ Clear Lens Warning Bar
 #ETTMLEDW2J, shown illuminated.



Amber End Modules: #ETTMLEDW2A-CLR
 Blue End Modules: #ETTMLEDW2B-CLR
 Red/Blue End Modules: #ETTMLEDW2J-CLR
 Red/Amber End Modules: #ETTMLEDW2K-CLR
 Blue/Amber End Modules: #ETTMLEDW2M-CLR
 Red/Red End Modules: #ETTMLEDW2R-CLR



Split Arrow LED TrafficMaster™ #ETTMLEDSA



Traffic Arrow (Gen2 LED or Halogen)



Our Traffic Arrows™ have a unique “sun shield” that protects against sun glare & wash out for a clear signal.



Heavy duty Traffic Arrow™ bars can be mounted externally or internally to many types of vehicles.



Economically priced bright LED or Halogen output diverts traffic away & around your vehicle.

Features

- **Self-contained** with 1 Warning Pattern & 2 Directional Patterns (no external flasher or strobe power supply is required).
- Heavy gauge aluminum sun shield along top of bar reduces sun glare & “washout” to clearly signal oncoming motorists.
- Heavy duty design can be used for exterior or interior applications.
- Economically priced bright Halogen or Gen2 LED light output.
- LED model has very low amp draw.
- Made from 8 sealed & weatherproof modules that require little routine maintenance.
- Available in Amber lenses only.
- Heavy Duty Bracket is included for mounting when bar will be subject to high wind, vibration and/or severe stress.
- Both Traffic Arrow™ bars include an external Switch Panel, 2 sets of mounting brackets (standard & heavy duty) & 15’ of cable for installation.

TECHNICAL SPECIFICATIONS

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



Traffic Arrow (Gen2 LED or Halogen)



LED Traffic Arrow™ #ETTMLEC08



Standard Brackets



Heavy Duty Brackets



Switch Panel



Halogen Traffic Arrow™ #ETTMHEC08



Standard Brackets



Heavy Duty Brackets



Switch Panel

Switch Panel made from durable steel



Red Rocker Switch for On/Off Function

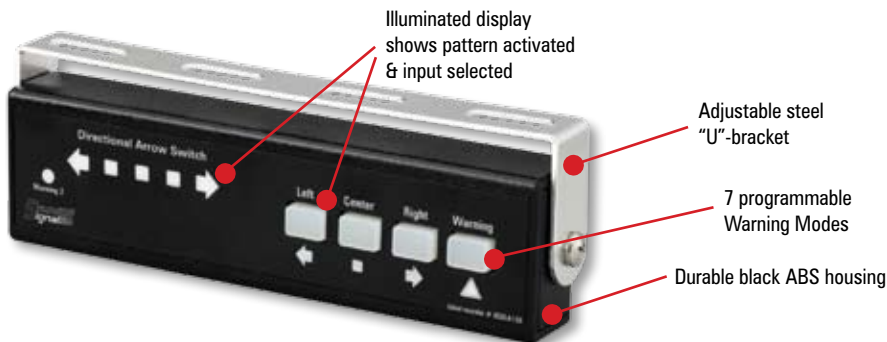
Steel Switch Panel included with 2 rocker style switches for On/Off function and for switching between flash pattern modes. Switches are colored red and black for easy identification.

Black Rocker Switch for Warning Mode

Switches

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.



#ETSWDAS01 Directional Arrow Switch is compatible with our ETL 5000 & Pinnacle LED Lightbars w/ 4 Wire Arrow Control option. The Directional Arrow Switch features seven programmable Warning Modes, and a fully lit display that shows flash pattern in use and input selected. Built-in Smart Sensor detects inputs from another switching source, and may be used with other manufacturers Directional Arrow products that use built-in pulsing controllers.



Switches

Coming Soon!

Smart Switch &
60 Amp Switch

NEW!

Switches - Professional Use

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 connects for termination.



12 interchangeable switch labels included
(see bullet #4 for details).



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.
- 4 - 20 amp fused switch outputs.
- Vinyl coated steel housing.
- 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 for termination.



14 interchangeable switch labels included
(see bullet #4 above for details)



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100 Series Professional Siren #ETSA100E

300 Series Professional Sirens #ETSA300MF



- Primary operating modes are Piercer, Yelp, Wail, Hi-Lo, Super Hi-Lo, Manual, and Radio. A Noise Canceling PA Override, a push-button Horn Override, and a push button Manual Override are available in all modes. All tones except Wail and Yelp for California Title 13 compliance may be disabled by removing a jumper located on the PCB.
- Microchip sound control - tones designed to match industry standards or can easily be modified to meet your requirements.
- 200 watt units with 2 - 100 watt outputs for single or dual 100 watt speaker use.
- The 300 Series Siren also includes a 4-position slide switch and 4 independently controlled accessory switches each capable of supplying 20 amps.
- Easy to service with convenient access to user selectable jumpers without removing cover.
- "Park Kill" feature disables siren while vehicle is in the Park position.
- Includes amplifier w/ universal bail bracket, noise cancelling microphone, Wire harnesses & Push Button Labels to identify buttons.



#ETSA100E (9-15 Vdc)



7" w x 2.75" h x 6.75" d

#ETSA300MF (9-15 Vdc)



7" w x 2.75" h x 6.75" d

700 Series Remote Dual Tone Siren #ETSA700R

- Premium 200 watt unit designed for dual 100 watt speaker use. Each amplifier operates independently to provide 100 watt RMS power to each speaker.
- Primary operating modes: Phaser, Yelp, Wail, Hi-LO, Super HI-LO, Manual, and Radio Rebroadcast. Features Noise Cancelling PA Override, a push-button Horn Override, and a push-button Manual Override are available in all modes. All tones except Wail and Yelp for California Title 13 compliance may be disabled by adding a jumper to the PCB.
- The amplifier box contains two separate amplifiers which allow the user to operate two separate and distinct tones at the same time. This dual-tone feature creates a unique sound providing one of the most attention getting amplifiers on the market today. The dual-tone sound allows a single vehicle to sound like several vehicles traveling at the same time.
- "Park Kill" feature disables siren when vehicle is in Park.
- Includes Amplifier, Control Panel, noise cancelling Microphone w/ bracket, Wire Harnesses, RJ-45 Communication Cable & Push Button Labels to identify buttons.



#ETSA700R (9-15 Vdc)



6.22" w x 2.795" h x 0.06" d

8" w x 2.46" h x 7.19" d

380 Series Remote Dual Tone Siren #ETSA380R

- Remote siren with Class D technology with high speed digital switching provides higher efficiency, lower current draw & better reliability.
- Primary operating modes include a User Selectable tone, Yelp, Wail, Radio, PA, Horn Override, and a push-button Manual Override are available in all modes. All tones except Wail and Yelp for California Title 13 compliance may be disabled by programming the siren.
- Mappable push buttons to slide switch allows user to program push buttons to turn on when slide switch is changed.
- Broadcast two tones at the same time with independent speaker outputs. May be used with 1 or 2 speakers, each with a 100 watt output.
- 3-position slide switch features 20 amps per output.
- LED Arrow Indicator displays Left Arrow, Right Arrow and Center Out.
- 8 programmable push buttons with 10 amps per output for on/off, arrow bar, lightbar, gun lock, auxiliary lighting, takedowns, alley lights, headlight & taillight flashers, trunk release or camera system control.
- Diagnostic Indicator warns of over voltage, under voltage, over temperature and over current problems.
- "Park Kill" feature disables the siren when the vehicle is in Park.
- Includes Amplifier, Control Panel & universal bail bracket (can be flush mounted into console), noise cancelling Microphone w/ bracket, Wire Harnesses & Push Button Labels to identify buttons.



#ETSA380R (9-30 Vdc)



380 Series Multi Function Professional Siren #ETSA380MF

- Primary operating modes: User Selectable tone, Yelp, Wail, Radio, PA, Horn Override, & push-button Manual Override. All tones except Wail and Yelp for California Title 13 compliance may be disabled by programming the siren.
- Tone selection is controlled with a robust 5 Position Rotary Switch.
- The amplifier box contains a single amplifier capable of supplying sound to a single 100 Watt speaker.
- Programmable 3-position Slide Switch with 8 programmable Push Buttons each capable of supplying 10-20 amps. Output options include: Alternate Action (ON/OFF), Single Button Arrow Control (left, right & center out), Momentary Action, Radio Rebroadcast, 8 Second Delay for Gun Lock Timer, Single Button Arrow Control (left, right & center out) plus 2 outputs have independent connections to allow for high side or low side switching.
- LED Arrow Indicator displays Left Arrow, Right Arrow and Center Out.
- Park Kill feature kills the siren upon placing the vehicle in Park or by closing the door.
- Diagnostic LED Indicator warns of over voltage, under voltage and over current issues.
- Includes amplifier w/ universal bail bracket, noise cancelling microphone, Wire harnesses & Push Button Labels to identify buttons.

#ETSA380MF (9-15 Vdc)



420 Series Neodymium Continuous Duty Speaker #ETSS420(xxxx)B

- Made with the most reliable & cost efficient 100 watt compression driver on the market.
- Finished in black powder coat baked on epoxy.
- Compression driver is the lightest (56% less) and lowest profile (31% less) of the conventional alnico based compression drivers.
- Perfect choice for tight fitting locations where space or weight is a premium consideration.
- The 11 ohm, 2.75" high temperature voice coil is oven baked on a high temperature & sealed with a special coating to withstand extreme temperatures and environmental conditions. Voice coil is further protected with a special magnetic cooling liquid that fills the voice gap and provides a thermal path.
- Produces 10 - 15% more magnetic flux density in the voice coil gap.
- Meets all "Class A" industry performance standards.

420 Speaker w/ Compatible Brackets:

- Chevrolet Impala '05+ #ETSS4202B
- Chevrolet Tahoe & GMC Yukon '02+ #ETSS4208B
- Dodge Charger '06+ #ETSS4220B
- Ford Crown Victoria '02+ #ETSS4214B
- Ford Crown Victoria '00+ #ETSS4204B
- Ford Excursion '01+ #ETSS4219B
- Ford Expedition '00-'02 #ETSS4207B
- Universal Bail Bracket #ETSS4209B
- Universal Bail Bracket, short #ETSS4206B
- Universal Bail Bracket, long #ETSS4201B



Universal Bail Bracket #ETSS4206B
5.25" h x 6.375" w x 3" d (speaker only)

100E Series Professional Speaker #ETSS100E

- 100 watt power handling with high intelligibility & sound penetration.
- Specifically designed for electronic siren & voice communication signaling on emergency vehicles.
- Suitable for installation within engine compartments, front of the radiator or exterior mount on the bumper.
- Rugged & weatherproof construction.
- Compliant with SAE Class A, J1849 & CA Title 13.

Compatible Brackets:

- Chevrolet Impala '06+ #ETSS100BKPALA
- Dodge Charger '06+ #ETSS100CBKDC
- Ford Crown Victoria Police Interceptor '05+ #ETSS100BKCV



8" w x 5.5" h x 7" d

100H Series Neodymium Professional Speaker #ETSS100H

- Compact design delivers clear & powerful 100 watt sound with Neodymium magnet.
- 100 watts of dynamic sound for high intelligibility communication & signaling applications for emergency, fire & rescue vehicles.
- Tested rigorously for dust, high pressure water, corrosion & vibration.
- Easy to install & field replaceable.
- Aluminum housing with a black powder coat finish resists corrosion.
- Passes all tests for SAE Class A, J1849, J575, J2139 & CA Title 13.

Compatible Brackets:

- Chevrolet Impala '06+ #ETSS100HPALA
- Chevrolet Tahoe '06 & older #ETSS100HBKTH
- Dodge Charger '06+ #ETSS100CBKDC
- Ford Crown Victoria Police Interceptor '05+ #ETSS100HBKCV



5.90" w x 5.80" h x 2.77" d

100D Series Professional Speaker #ETSS100D

- Rugged speaker has undergone a series of grueling tests for Dust, High & Low Temperature, Water, Salt & Vibration, this long-lasting speaker will stand up to all kinds of environmental conditions.
- Compliant with SAE Class A, J1849 & CA Title 13.
- 100 watts of dynamic sound for high intelligibility communication & signaling applications for emergency, fire & rescue vehicles.
- Can be mounted horizontally or vertically & designed for narrow spaces.
- Easy to install & field replaceable.

Compatible Brackets:

- Chevrolet Impala '06+ #ETSS100DBKPALA
- Chevrolet Tahoe '06+ #ETSS100DBKCT
- Dodge Charger '06+ #ETSS100BKDC
- Dodge Charger '06+ #ETSS100CBKDC
- Ford Crown Victoria Police Interceptor '05+ #ETSS100DBKCV



6.75" w x 6.34" h x 2.96" d

100C Series Neodymium Professional Speaker #ETSS100C

- Delivers clear & powerful sound output with Neodymium high performance magnet.
- Perfect for public address and other high intelligibility communication & signaling applications.
- Compliant with SAE Class A, J1849 & CA Title 13.
- 100 watts of powerful sound.
- Weatherproof & corrosion resistant cast aluminum housing.
- Field replaceable & easy to install.

Compatible Brackets:

- Chevrolet Impala '06+ #ETSS100BKPALA
- Chevrolet Tahoe '06 & older #ETSS100CBKTH
- Dodge Charger '06+ #ETSS100CBKDC
- Dodge Charger '06+ #ETSS100BKDC
- Ford Crown Victoria Police Interceptor '05+ #ETSS100BKCV



6.75" w x 6.625" h x 2.3125" d



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



Permanent Mount shown.

Mini GHOST™ lights are extremely flexible with three mounting options. Shown mounted to an interior window.



Four Dual GHOST™ lights mounted to the grille of a Dodge Charger offer supplemental safety lighting.

Features

- Meet GHOST™ our new line of exceptionally small 6 LED warning lights - now you can have extreme angle mid-level lighting with no flashback or dulling of output due to tinted windows because of GHOST's™ unique mounting features.
 - Stop/Tail version is a low power Steady Red Running Light. Once brake is applied light flashes 5 times and remains on at full power while brake is activated. Ships with screws for Permanent Mount & includes 3M Adhesive mount (edge mount bracket not included).
 - 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.
- 33 Flash Patterns w/ Light Sync Technology allows you to synchronize sets of GHOST™ lights to flash with the same flash pattern.
 - 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™

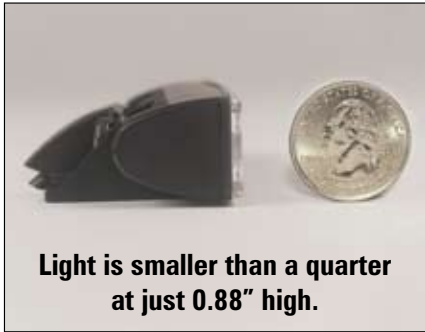
**Smallest
& Most
Powerful**

**Dual Edge Mounts
In Black**



GHOST™ Stop/Tail Mini Light
Black Single Red Stop/Tail Light #EGHSTTR
White Single Red Stop/Tail Light #EGHSTTRW

GHOST™ Mini Light
Black Single #EGHST1(x)
Black Dual #EGHDT1(xx)
White Single #EGHST1(x)W
White Dual #EGHDT1(xx)W



Replacement Edge Mount Brackets w/ Gasket & Mounting Hardware
Black Single Edge Mount Bracket: #PGHSTSUB, Black Dual Edge Mount Bracket: #PGHSTDUB
White Single Edge Mount Bracket: #PGHSTSUW, White Dual Edge Mount Bracket: #PGHSTDUW

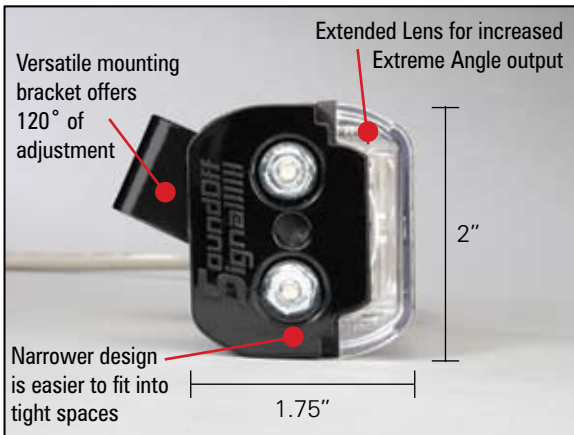
Dash/Deck/Grille - GHOST™ Gen3 LED Mini Light

1.800.338.7337 / www.soundoffsignal.com

Predator 2™ (Gen3 LED)



Dual Predator 2 lights in Blue/Blue shown mounted to the outside front grille of a Dodge Charger.



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



We've Got Your Back.... two single lights mounted to the rear headliner provide bright rear warning power in the rear window of a 2008 Ford Expedition.

Features

- Split Color Single light does the job of two single lights. The 8 diodes are split into halves of 4 and can be ordered in all the same colors as the dual light.
- **Greater Extreme Angle output** with an extended lens design that enhances side visibility like never before.
- Narrow design fits into tight spaces and features convenient side wire exit for easier installation.
- 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.
- Includes 18" of 3-wire shielded cable.

TECHNICAL SPECIFICATIONS	
Flash Patterns:	33 flash patterns (both single & dual)
Input Voltage Range:	10 - 30 Vdc (both single & dual)
Current Consumption:	
Single	1.1 amps
Dual	1.1 to 2.0 amps (pattern dependent)
# of LEDs:	
Single	8 Gen3 LEDs
Dual	16 Gen3 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 II

EXPLOSIVE POWER. EXTREME ANGLE.

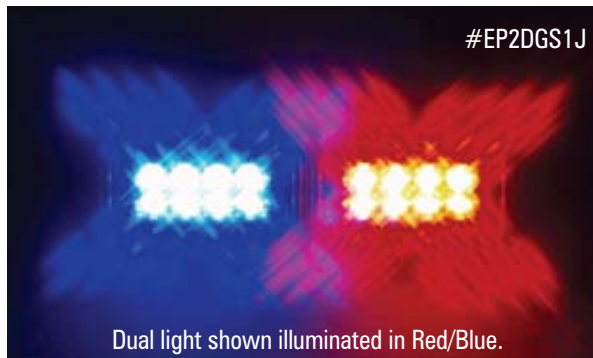


Predator 2™ Split Color Single Light
#EP2SGS2(x)

Predator 2™ Solid Color Single 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.

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

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

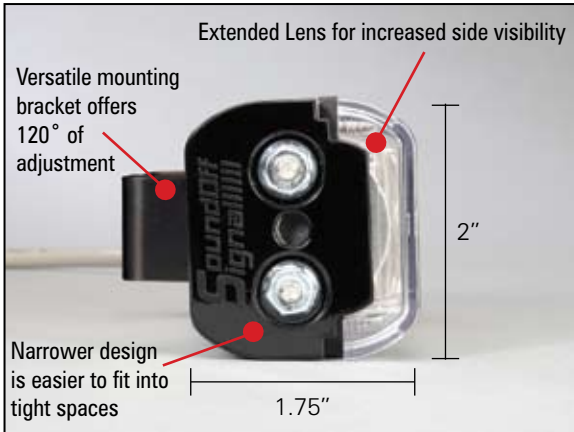
Single Split & Dual Light Color Options: Replace "(x)" in Part Number with desired color code.

- | | | | | |
|---------------|---------------|---------------|--------------|---------------|
| 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 |

Predator™ (Gen3 LED)



High intensity output Predator™ Dual Deck/Grille light shown illuminated in Blue/Blue.



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



Dual lights mounted to the front grille of a 2008 Ford Expedition outfitted for a fire command vehicle.

Features

- Enhanced off angle visibility with added side lens to boost off angle of light output.
- 6 reliable & bright Gen3 LEDs per module are encased in a new sleek, stylish housing built for interior or exterior use.
- Durable light for grille & front or rear headliner mounts on all types of police package vehicles - great for motorcycles too.
- Versatile bracket design allows for 120° of adjustment to boost light output where needed.
- Features new side wire exit & narrower design for easier installation in tight areas.
- Non-volatile memory recalls last flash pattern used.
- Both lights now have 33 built-in flash patterns.
- 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.

TECHNICAL SPECIFICATIONS

Flash Patterns:	33 flash pattern (single & dual)
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	
Single	1.1 amps
Dual	1.1 to 2.0 amps (pattern dependent)
# of LEDs:	
Single	8 Gen3 LEDs
Dual	16 Gen3 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™

by SoundOff Signal



Predator™ Dual Light
#EPRDDGS1(x)



Predator™ Single 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

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

XP 63 (Gen3 LED)



Our new XP 63 LED Deck/Grille light has 6 LEDs with split color combinations available.



XP 63 light mounted in the rear deck of a Ford Crown Victoria. Easily fits into child safety restraint bracket.



Versatile mounting... light can be mounted to any surface. Weatherproof design can be used on the exterior as well.

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:	width x height x depth
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"





by SoundOff Signal

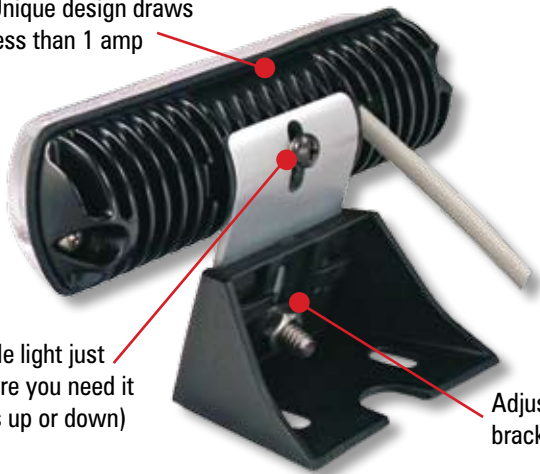


XP 63 LED Deck/Grille Light
 #EL6GD(x) 12 volt
 #EL6GD3Ø(x) 10-30 vdc

Dash/Deck/Grille - XP 63 Gen3 LED

1.800.338.7337 / www.soundoffsignal.com

Unique design draws less than 1 amp



Angle light just where you need it (tilts up or down)

Adjustable height bracket

Our XP 63 Deck/Grille Light is an affordably priced Gen3 LED light that has many features. Light is made with "Light Sync Technology" which allows you to synchronize up to 4 lights to flash simultaneously, alternating or in an exclusive "X-Pattern". Light can be synced with any SoundOff Signal lights that feature Light Sync Technology.



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

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

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

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

CHMSL Lights (Gen3 LED)

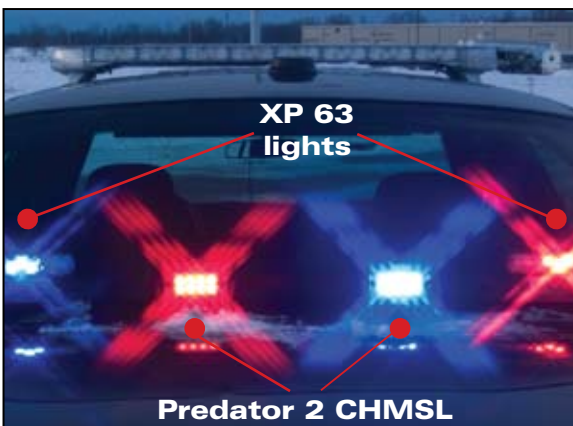


LED CHMSL lights are made with Predator 2™ or Predator™ Dash/Deck/Grille lights (see pgs. 31-34).



Tamper resistant, robust shroud design

Robust shroud offers a streamlined design with rounded corners and a tight fit against the windshield.



XP 63 lights

Predator 2 CHMSL

Predator 2™ CHMSL mounted in the rear deck of a Ford Crown Victoria flanked by two XP 63 lights

Features

- Our CHMSL light is available in your choice of Extreme Angle Predator 2™ or Predator™ light modules.
- Predator 2™ light offers our exclusive “Extreme Angle” visibility for maximum side visibility & impact.
- Light is designed to fit securely over the rear center high mount stop lamp & is visible to oncoming traffic while the trunk is open.
- Gen3 LEDs power through tinted windows & low profile offers warning to oncoming motorists even when the trunk is open.
- Sleek, black polycarbonate housing is tamper resistant & keeps wiring safely out of sight.
- Designed to fit Ford Crown Victoria Police Interceptors.
- Features Light Sync Technology to synchronize up to four lights to flash simultaneously or alternating. Compatible with all other SoundOff Signal Light Sync Technology lights.
- Non-volatile memory recalls last flash pattern used upon power up.

TECHNICAL SPECIFICATIONS

Flash Patterns:	33 flash patterns
Input Voltage Range:	
Predator™	10 - 16 Vdc
Predator 2™	10 - 30 Vdc
Current Consumption:	1.1 to 2.0 amps (pattern dependent)
# of LEDs:	
Predator™	12 Gen3 LEDs
Predator 2™	16 Gen3 LEDs
Light Sync Technology:	Yes
Operating Temperature:	-40° to +65° C
Dimensions:	length x height x depth
	19.22" l x 2.89" h x 7.38" d





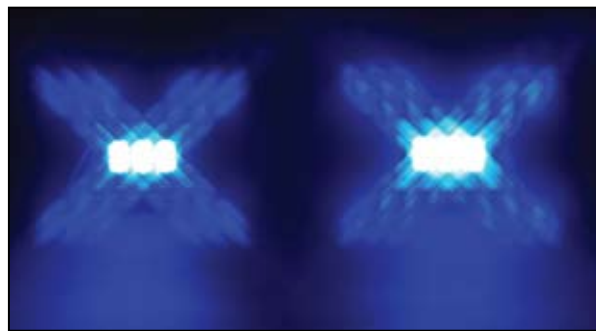
Predator 2™ CHMSL Light
#EP2FPCWS(x)



Predator™ CHMSL Light
#EPRDFPCWS(x)

Extreme Angle Predator 2™ CHMSL light shown illuminated in Red & Blue LEDs. Each module has 8 LEDs for maximum light output and impact.

Predator™ CHMSL light shown illuminated in Blue LEDs. Each module has 6 Gen3 LEDs power through tinted rear windows.



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

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

PAR 36 (Gen2 LED)



Two PAR 36 Gen2 lights shown on the front of a Harley Davidson police motorcycle.



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



Lens & reflectors are designed to cast a bright concentrated, reliable light output.

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.

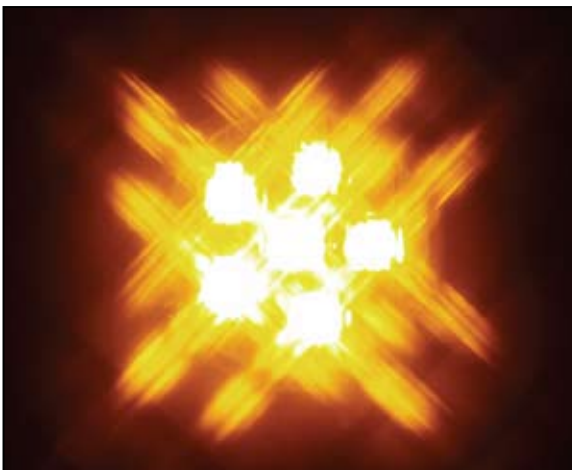
PAR 36 (Gen3 LED)



Dash/Deck/Grille - 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.

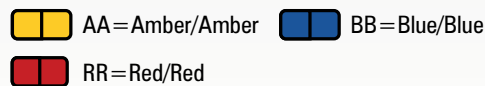
Features

- Our newest Par 36 light offers unmatched power & brightness with Gen3 LEDs.
- Also available as a Recessed Mount light that is perfect for fog lamp installations, see pgs. 55-56 for more information.
- 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.

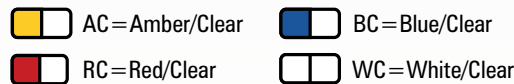
TECHNICAL SPECIFICATIONS

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):



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



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

34 Series (Gen2 LED)

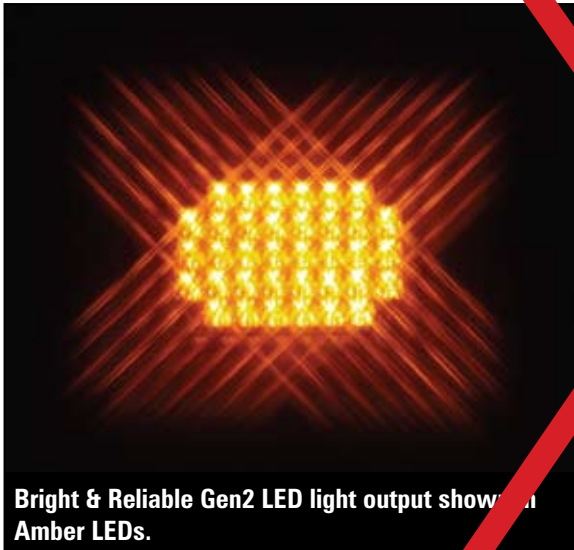


DISCONTINUED PRODUCT

04/10



Our 34 Series LED light is available in 12 or 24 volt and your choice of black or chromed housing.



Bright & Reliable Gen2 LED light output shown in Amber LEDs.



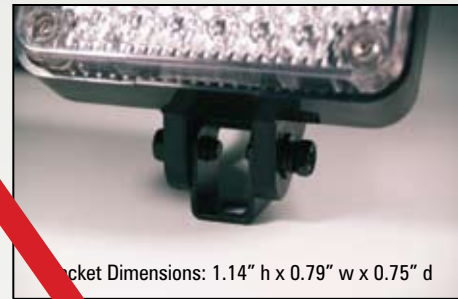
Light comes with "T"-bracket (shown above) and black metal "U"-bracket for versatile mounting options.

Flash patterns. The light has a low amp draw when lighting.

- 12 or 24 volt models are available.
 - 12 Volt - Black Housing #E34DEBD(x)
Chrome Housing #E34CEBD(x)
 - 24 Volt - Black Housing #E34DEBD-24(x)
Chrome Housing #E34CEBD-24(x)
- Extended polycarbonate lens offers greater off angle visibility for better side warning signal.
- Light is made with durable clear polycarbonate lens & includes 15' of 16-gauge shielded cable.
- Lights include brackets for versatile mounting applications: 1) "T"-bracket, 2) Black metal "U"-bracket for two versatile mounting options.

Lights also available as Surface Mounts, see pgs. 53-54.

All 34 & 37 Series lights come with black metal "U"-bracket for additional mounting applications.



Bracket Dimensions: 1.14" h x 0.79" w x 0.75" d

TECHNICAL SPECIFICATIONS

	12 volt	24 volt
Flash Patterns:	8	
Input Voltage Range:	10 - 16 Vdc	18 - 30 Vdc
Current Consumption:	0.32 - 0.7 amps	0.16 - 0.35 amps
# of LEDs:	36 Gen2 LEDs	
Light Sync Technology:	None	
Operating Temperature:	-40° to +65° C	
Dimensions:	width x height x depth	
Light (no bracket)	4.5" w x 3.28" h x 2.84" d	
Light w/ T-bracket	4.5" w x 4.72" h x 2.84" d	

34 Series Gen2 Clear Lens (LED Color/Lens Color):

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

Replace "(x)" in Part Number with desired color code.
NOTE: 24v not available in Green or White.



**DISCONTINUED
PRODUCT
04/10**



37 Series LED model includes 15' of 3-wire strobe cable and universal "T"-bracket for rear deck installs.



Side view of blue illuminated 37 Series LED light shows extended lens & side angle visibility.



37 Series LED light shown with Chrome housing & T-bracket. Available in clear lens only.

... 8 flash patterns.
... output has a lower amp draw than halogen lighting.

12 or 24 volt models are available:

**12 Volt - Black Housing #E37DEBD(x)
Chrome Housing #E37CEBD(x)*
*not available in Red LEDs**

**24 Volt - Black Housing #E37DEBD-24(x)
Chrome Housing #E37CEBD-24(x)**

- Extended polycarbonate lens offers greater off angle visibility (see blue illuminated photo this page).
- Light is made with a durable clear polycarbonate lens & includes 15' of 3-wire shielded cable.
- Lights include 2 brackets for versatile mounting applications; "T"-bracket or Black metal "U"-bracket.
- Lights also available as Surface Mounts, see pgs. 53-54.

All 34 & 37 Series lights come with black metal "U"-bracket for additional mounting applications.



Bracket Dimensions: 1.14" h x 0.79" w x 0.75" d

TECHNICAL SPECIFICATIONS		
	12 volt	24 volt
Flash Patterns:	8	
Input Voltage Range:	10 - 16 Vdc	18 - 30 Vdc
Current Consumption:	0.35 - 0.5 amps	0.175 - 0.3 amps
# of LEDs:	Gen2 LEDs	
Light Sync Technology:	No	
Operating Temperature:	-40° to +65° C	
Dimensions:	width x height x depth	
Light (no bracket)	7.5" w x 3.28" h x 2.93" d	
Light w/ T-bracket	7.5" w x 4.68" h x 2.93" d	

37 Series Gen2 Clear Lens (LED Color/Lens Color):

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

Replace "(x)" in Part Number with desired color code.
NOTE: 24v not available in Green or White.



LED3 Mini Lights provide a bright warning signal. Dodge Charger shown w/ 2 Dual Horizontal License Plate Brackets add great rear visibility.



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) Bezel available in:
Black=B, Chrome=C, White=W

LED3 MINI LIGHT

by SoundOff Signal

**LED3 White
Spotlight
#EL3SSCW
(see web)**



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 & motorcycles for law enforcement, security, buses & trucks.
- Can be mounted on push bumpers, prisoner screens, around license plates, trunks, motorcycle boxes & engine fairings offer a bright warning signal from every angle on the vehicle.
- 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.

GHOST™

Surface Mount - GHOST™ & LED3



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

- 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.

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

Split Color Options:

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

- B=Blue/Blue

 J=Red/Blue

 D=Red/White

 K=Red/Amber

 E=Blue/White

 L=Red/Green

 F=Amber/White

 M=Blue/Amber

 H=Green/White

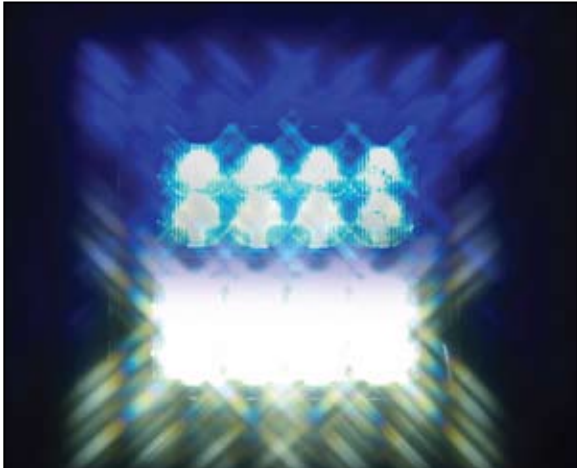
 N=Blue/Green

 P=Green/Amber



1.800.338.7337 / www.soundoffsignal.com

Predator 2™ (Gen3 LED)



Blue/White Dual Stacked light shown. Lights feature exclusive Extreme Angle optics that boost light output.



Single light mounted with optional 45° Bracket on a Chevrolet Impala Push Bumper



Vehicle specific Mirror Mount Grommets available. Dodge Charger Single Mirror Mount shown.

Features

- 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.
- Powerful visibility & extreme angle output is a versatile surface mount. Optional Brackets, Mirror Mount Grommets & Kits (see pg. 50) offer all kinds of applications on any type of vehicle.
- 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 an UV inhibitor 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 (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



PREDATOR II

EXPLOSIVE POWER. EXTREME ANGLE.



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)



**Brackets & Grommets
See pg. 50**

Predator 2 ECE65 Certified Single Surface Mount Light

Blue LEDs: #EP2SSMDBB-EC



Dual Stacked Stop/Tail Light

Black Housing: #EP2DSMSTT(x)
 White Housing: #EP2DSMSTT(x)W
 Chrome Housing: #EP2DSMSTT(x)C

Upper warning module can be Blue, Red or Amber only.
 Bottom Module is Red w/ Stop/Tail function.

Dual Stacked Surface Mount

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

Dual Side-by-Side Surface Mount

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



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)



Single Light mounted to the mirror of a Ford Crown Victoria Police Interceptor.



Dual Stacked Predator lights mounted inside the rear window of a hospital vehicle in the Slovak Republic.



Single light mounted to the prisoner screen partition on a Chevrolet Impala w/ optional 90° Bracket.

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 while specific brackets are available for push bumper, mirror mounts & motorcycle crash bar mounts for greater mounting flexibility.
- **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 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



PREDATOR™

by SoundOff Signal 



Brackets & Grommets See pg. 50

Single Surface Mount Light

Black Housing: #EPRDSSMDB(x)

White Housing: #EPRDSSMDB(x)W

Chrome Housing: #EPRDSSMDB(x)C

Dual Side-by-Side Light

Black Housing: #EPRDSSDB(x)

White Housing: #EPRDSSDB(x)W

Chrome Housing: #EPRDSSDB(x)C



Dual Stacked Light

Black Housing: #EPRDSSMDB(x)

White Housing: #EPRDSSMDB(x)W

Chrome Housing: #EPRDSSMDB(x)C

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

Surface Mount *(Brackets & Grommets)*



- Increase safety for operator & motorists by mounting powerful Predator™ or Predator 2™ lights all around your vehicle. Brackets can be used on all types of vehicles in any market.
- 45° or 90° Brackets available for vertical or horizontal mounting on push bumpers or prisoner screen partitions on police vehicles. Brackets can be used on any type of vehicle.
- Get great rear visibility with the License Plate Bracket which mounts a dual side-by-side light under the license plate.
- Mirror Mount Grommets available for a variety of vehicles mount single or dual lights on mirrors to increased off angle visibility for oncoming motorists.
- Motorcycle Crash Bar Brackets create a highly visible motorcycle with a bright frontal, off angle signal. Mounts single lights securely to the crash bar. Available in 1" & 1.25" diameters to fit most motorcycle crash bars.





Predator 2™ Single Light Mirror Mount Kits for Ford Crown Victoria Vehicles:

Kit includes two Predator 2™ LED Single Surface Mount Lights with two Single Mirror Mount Grommets.

2 Solid Color Lights: #ETKP2SMMFPI(x)
(see colors below)

2 Split Color Lights in Red/Blue: #ETKP2SMMFPIJ
(call about other split colors if interested)

Kit Color Options:

 A=2 Amber lights
  R= 2 Red lights
 B=2 Blue lights
  J=1 Blue & 1 Red light

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



**Ford Crown Victoria/Excursion
Dual Stacked Mirror
Mount Grommets:**



#PPRDDMMFPI (pair)

**Ford Crown Victoria
Mirror Mount Grommets:**



#PPRDSMMFPI (pair)

**Dodge Charger
Mirror Mount Grommets:**



#PPRDSMMFDC (pair)

**Honda ST 1300P
Mirror Housing Brackets:**



#PRDSMMHBM (pair)

**Honda & Kawasaki
Crash Bar Brackets:**



**#PRDSMMSBM (pair)
1" diameter**

**Harley Davidson
Crash Bar Brackets:**



**#PRDSMMLBM (pair)
1.25" diameter**

45° Bracket:



**Vertical #PPRSM45BRKT
Horiz. #PPRSM45HBRKT**

90° Bracket:



#PPRSM90BRKT

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



#PPDSMLBKCV

Honda ST 1300 (Predator 2™ Package)



FRONT 2 - Predator 2™ Single Surface Mount lights shown.



SIDE 2 - Predator 2™ Single Surface Mount lights shown.



REAR 2 - Predator 2™ Dual Deck/Grille Lights shown.



REAR 2 - Predator 2™ Single Surface Mount Lights shown.

FRONT:



x2

Predator 2™ Single Lights

Black: #EP2SSMDB(x)

White: #EP2SSMDB(x)W

Chrome: #EP2SSMDB(x)C



SIDE:

x4

Predator 2™ Single Lights

Black: #EP2SSMDB(x)

White: #EP2SSMDB(x)W

Chrome: #EP2SSMDB(x)C



OR

x2

Predator 2™ Single Lights

Black: #EP2SSMDB(x)

White: #EP2SSMDB(x)W

Chrome: #EP2SSMDB(x)C



x2

Predator 2™ Dual Side-by-Side Lights

Black: #EP2DSSDB(x)

White: #EP2DSSDB(x)W

Chrome: #EP2DSSDB(x)C



REAR:

x2

Predator 2™ Dual Deck/Grille Lights
#EP2DGS1(x)



AND

x2

Predator 2™ Single Lights

Black: #EP2SSMDB(x)

White: #EP2SSMDB(x)W

Chrome: #EP2SSMDB(x)C



OR

x2

Predator 2™ Dual Stacked Lights

Black: #EP2DSMDB(x)

White: #EP2DSMDB(x)W

Chrome: #EP2DSMDB(x)C



For more information & package pricing please contact a sales representative at 1.800.338.7337.

RAPTOR™

EXPLOSIVE POWER. EXTREME ANGLE.



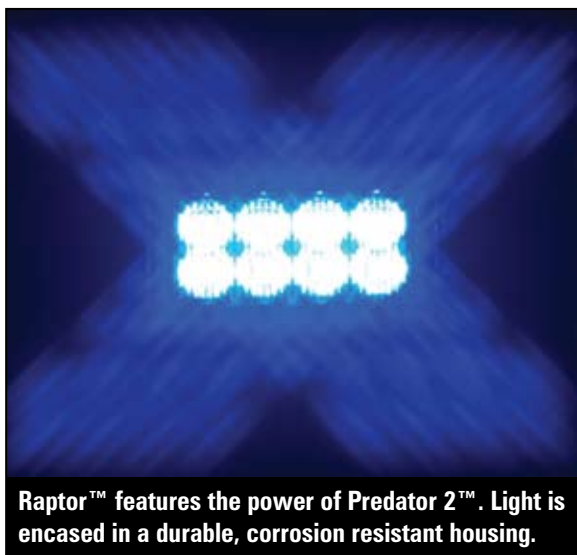
Xylex molded lens & housing

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



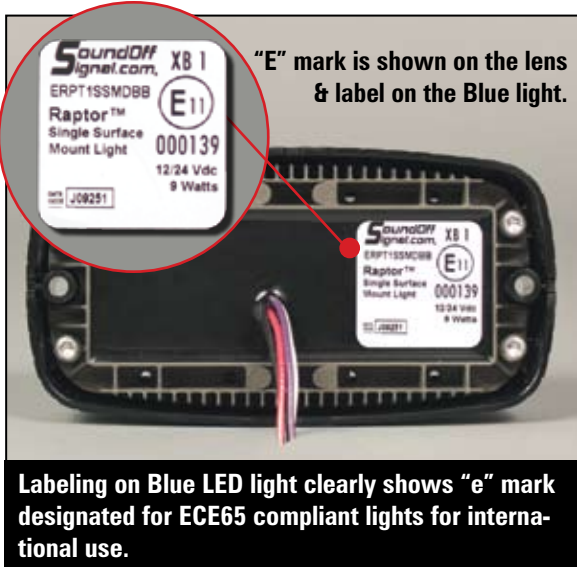
Raptor™ SSM Light

Black Housing: #ERPT1SSMDB(x)



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

- New! Raptor™ Single Surface Mount (SSM) Light is specifically designed to resist corrosion due to water & harsh cleansing agents used to clean vehicles. Durable Xylex molded lens & housing resists rust & corrosion.
- Front seal features an o-ring design which requires less pressure to the screws holding the parts together which reduces stress to the screw bosses.
- Features treated & potted internal heat sink to protect the driver board & wires from moisture penetration.
- Blue light is ECE65 compliant for use on international vehicles. ECE65 regulates color, light output/angle & weatherproofing properties. ECE65 is only available for the Blue LED light (other non-ECE65 colors are available).



"E" mark is shown on the lens & label on the Blue light.

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

TECHNICAL SPECIFICATIONS

Input Voltage Range:	10-30 Vdc
Current Draw:	Less than 2 amps
LED Info:	8 Gen3 LEDs
Light Sync Technology:	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

Color Options:

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

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



(Blue light only)

Surface Mount - Raptor™ & P2 Honda ST 1300 Kit

1.800.338.7337 / www.soundoffsignal.com

34, 37 & 46 Series (Gen2 LED)

**DISCONTINUED
PRODUCT
04/10**



37 Series Light shown mounted to the side of a Fire/Rescue vehicle. Lights are simple surface mount.



46 Series light shown illuminated in Amber LEDs, #E46IECØA. Lights are self-contained w/ 8 flash patterns.



Lights may be used without housings - 46 Series light shown mounted on the front of a Fire Truck.

for exterior applications
Transit Buses (optional
6 Series is popular for
lights on School Buses).

- Self-contained light has 8 built-in flash patterns (no external flasher required).
- Lights feature a stylish clear lens that is specially designed to collimate & concentrate the light output into an intensified pattern with no dark spots or voids.
- Rustproof chrome finish polycarbonate housing.
- Black housing available (for 46 Series lights only).
- 24 volt option is available in limited colors & models (see part numbers opposite page).

TECHNICAL SPECIFICATIONS

	12 volt	24 volt
Flash Patterns:	8	
Operating Voltage Range:	10 - 16 Vdc	18 - 30 Vdc
Current Consumption:		
34 Series	0.32 - 0.7 amps	0.16 - 0.35 amps
37 Series	0.35 - 0.6 amps	0.175 - 0.3 amps
46 Series	1.2 amps	0.6 amps
# of LEDs:		
34 Series	36 Gen2 LEDs	
37 Series	61 Gen2 LEDs	
46 Series	80 Gen2 LEDs	
Light Sync Technology:	No	
Operating Temperature:	-40° to +65° C	
Dimensions:	width x height x depth	
34 Series w/ Housing	4.95" w x 2.75" h x 1.63" d	
37 Series w/ Housing	7.5" w x 3.125" h x 1.63" d	
46 Series w/ Housing	7.125" w x 4.625" h x 1.63" d	

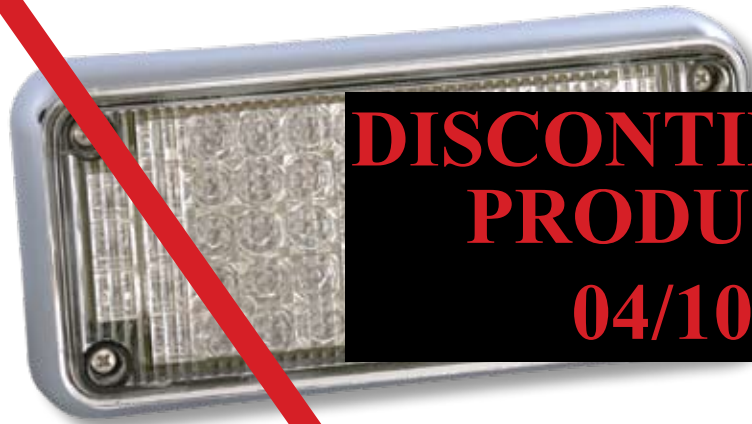


37 Series Clear Lens LED Light

12 volt w/ Chrome Housing: #E37IEC(x)

12 volt light (no Housing): #E37IEØ(x)

DISCONTINUED PRODUCT
04/10



Accessories

Chrome Housing: #E371PPH

Clear Lens (LED Color/Lens Color):

Red/Clear R=Red/Clear

White/Clear W=White/Clear

Replace "(x)" in Part Number with desired color code.
NOTE: 24v not available in Green or White.

34 Series Clear Lens LED Light (12 volt)

12 volt w/ Chrome Housing: #E34IECD(x)

34 Series 12 Volt Color Options:

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

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



34 Series Accessories

Chrome Housing: #E341PPH

34 Series Clear Lens LED Light (24 volt)

24 volt w/ Chrome Housing: #E34IECD24(x)

(24 volt is NOT available in White or Green LEDs)

34 Series 24 Volt Color Options:

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

- A=Amber R=Red
- B=Blue

46 Series Clear Lens LED Light (12 volt)

12 volt w/ Chrome Housing: #E46IECØ(x)*

12 volt w/ Black Housing: #E46IEBØ(x)

12 volt light (no housing): #E46IENØ(x)

*not available in Amber LEDs



46 Series 12 Volt Color Options:

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

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

46 Series Clear Lens LED Light (24 volt)

24 volt light only (no housing): #E46IENØ-24(x)

(24 volt is NOT available in White or Green LEDs)

46 Series 24 Volt Color Options:

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

- A=Amber R=Red
- B=Blue

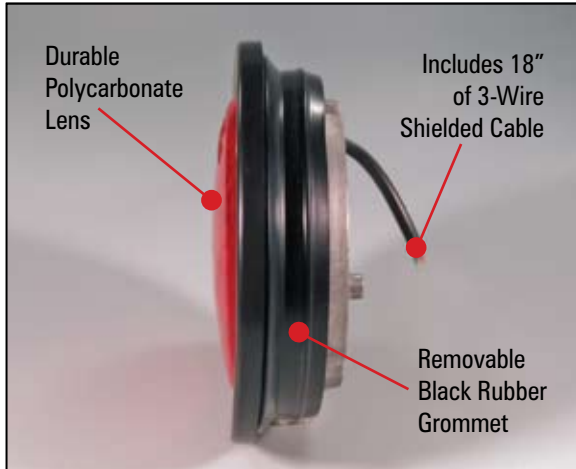
46 Series Accessories

Chrome Housing: #E461PPH

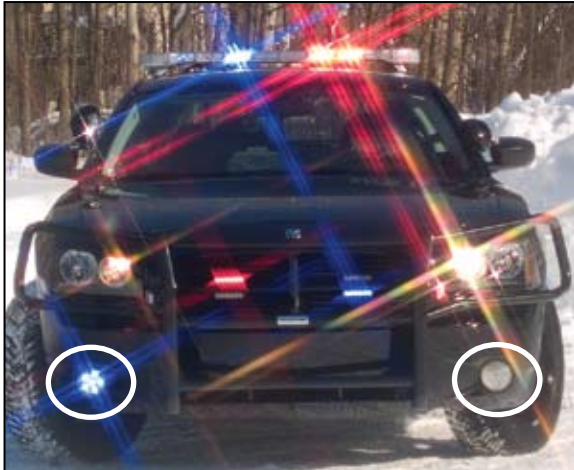
Black Housing: #E461BPH

Cast Housing: #PCAHG46D

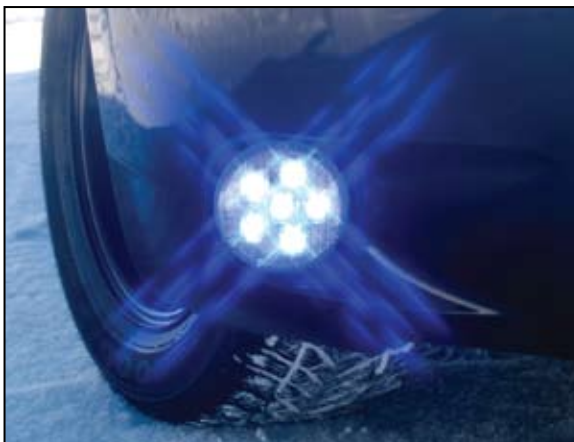
R4 Series (4" Round Gen3 LED)



Sturdy and weatherproof black rubber housing protects light from outdoor elements.



Light easily installs into the Dodge Charger fog lamp for increased frontal safety & visibility.



Close up photo of light with Blue LEDs taken on a bright, sunny winter morning. The LEDs power through the sunlight & are still very visible.

Features

- High intensity R4 Series Gen3 LED light offers unmatched power & brightness in a 4" round light.
- Dodge Charger bracket available for easy installation in Dodge Charger Fog Lamps. Designed for model years 2006-2010.
- 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
- 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



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):

- AC = Amber/Clear
 BC = Blue/Clear
 RC = Red/Clear
 WC = White/Clear

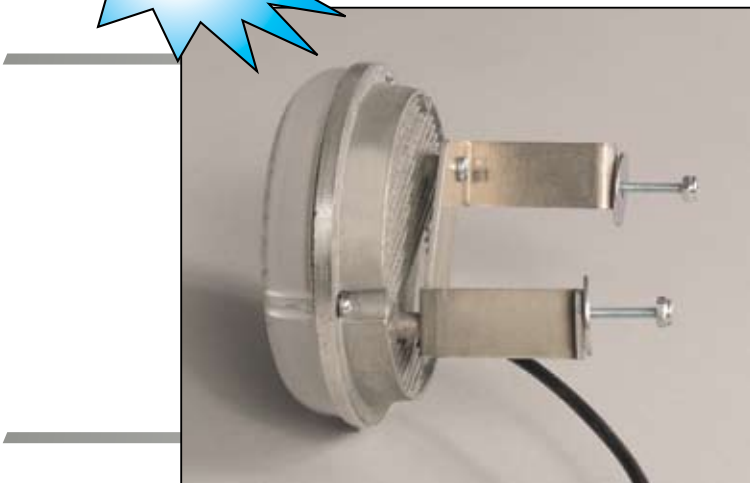
Replace "(x)" in Part Number with desired color code.

R4 Series

by SoundOff Signal **Gen3**



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



**Dodge Charger Bracket
(for 2006-2010 models)**
Kit: #EKDCFLG3(xx)
(Kit includes 1 light w/ 1 bracket)
Bracket only (ea): #ERDREBZBKDC

Parts & Accessories

Clear Replacement Lens: #PLEDZ3C
Chromed Dress Ring: #ECVR4CHRM
Black Snap Ring: #ECVR4SRNG



Chromed Dress Ring

Black Snap Ring

Recessed Mount - R4 Series 4" Round Gen3

1.800.338.7337 / www.soundoffsignal.com

4" Round (Gen2 LED)



Light has attached AMP connector & ships w/ Black Rubber Grommet & Mating Harness.



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



Optional Chromed Dress Ring (center), & Black Snap Ring (right) also available (Rubber Grommet on 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.
- Clear lens offers discreet & 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.

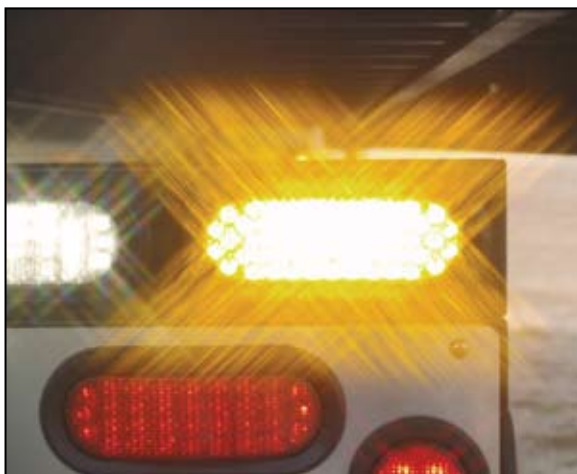
6" Oval (Gen2 LED)



6" Oval Warning Light (top, left) with other SoundOff Signal LED lights, ask to see our Truck & Bus Catalog.



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



Amber 6" Oval LED light mounted to a tow truck flatbed never needs to have a bulb changed.

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.

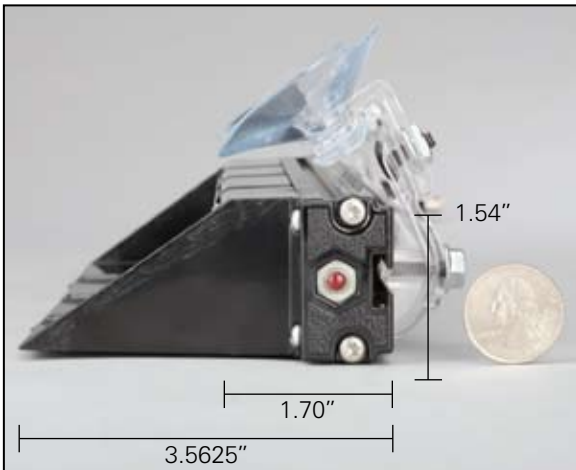
Recessed Mounts - 4" Round & 6" Oval LED

1.800.338.7337 / www.soundoffsignal.com

UltraLITE™ (Interior Gen3 Windshield Warning Bar)



4 Module length: 13.25"
4 Module UltraLITE™ Permanent Mount shown in Red & Blue LEDs on a Ford Crown Victoria.



UltraLITE™ Interior Warning Bars are compact & versatile for police, volunteer or truck use.



UltraLITE™ 8 Module Interior Warning Bar shown in Ford Crown Victoria Police Interceptor.

Features

- 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. 16 for more information).
- 2, 4, 8 and 12 Modules lengths fit into any vehicle's windshield.
- Offered in 10 Solid or Split Colors LED color combinations for any market. Great warning bars for police, security, volunteer, fire, rescue vehicles & work trucks.
- 8 Module bars may be ordered with Solid, Split or w/ Single Warning Tips.
- 12 Module bars may be ordered with Solid, Split, Single or Dual Warning Ends.

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 Temperature:	-40° to +60°
Dimensions:	length x height x depth
2 Module	6.9" l x 1.54" h x 3.5625" d
4 Module	13.25" l x 1.54" h x 3.5625" d
8 Module	26" l x 1.54" h x 3.5625" d
12 Module	38.75" l x 1.54" h x 3.5625" d



UltraLITE



Interior Windshield Warning Bar



Suction Cup Mount:

2 Module #EL3H02A0+(x), **4 Module** #EL3H04A0+(x)

Bars include Shroud, Suction Cup Mount, 12 volt Cigar Plug w/ 11.5' of cord & a pair Universal Brackets for optional permanent headliner mount.



NEW! 2 Module Light



4 Module Light

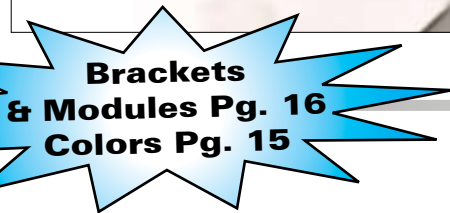


Permanent Headliner Mount:

8 Module #EL3Z08A00(x)

12 Module #EL3Z12A00(x)

Bars include Shrouds (1 shroud per 4 module length), a pair of Universal Permanent Headliner Mount Brackets w/ 11.5' of shielded cable for hard wire installation.



Ford Crown Victoria Shroud:

8 Module Windshield Bar

Solid or Split Colors #EL3W08A00(x)-CV
w/ Single Warning Ends #EL3W08A10(x)-CV

12 Module Windshield Bar

Solid or Split Colors #EL3W12A00(x)-CV
w/ Single Warning Ends #EL3W12A10(x)-CV
w/ Dual Warning Ends #EL3W12A20(x)-CV

Shroud Only

#PUL3WSS-CV



The Ford Crown Victoria Shroud is a single length shroud designed for 8 or 12 module UltraLITE Windshield lights. Snug fit against the window eliminates flashback.

Windshield Lights - UltraLITE™

1.800.338.7337 / www.soundoffsignal.com

Predator 2™ (Gen3 LED)



Permanent Headliner Mount positions light above rearview mirror without obstructing the mirror.



Boost your side visibility with our Prisoner Screen Mount bracket (single light only) #PPRPSBKT.



Optional OEM style Glass Mount Kit is available. Can be used on the single or dual light #PPRDGMBRKT.

Features

- 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.
- 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).

Parts & Accessories

Prisoner Screen Mount Bracket: #PPRPSBKT (Sgl. only)

Suction Cup Mount: #PPRDWBRKT

Permanent Mount Bracket: #PPRH1BKT

Shrouds: Sgl. #PPRDWSSWS, Dual #PPRDWSDWS

OEM Glass Mount Kit: #PPRDGMBRKT

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



PREDATOR II

EXPLOSIVE POWER. EXTREME ANGLE.

Windshield Lights - Predator 2™



Single Windshield Lights*
Permanent Headliner Mount:
 #EP2SWSA+(x)
Suction Cup Mount: #EP2SWS+(x)



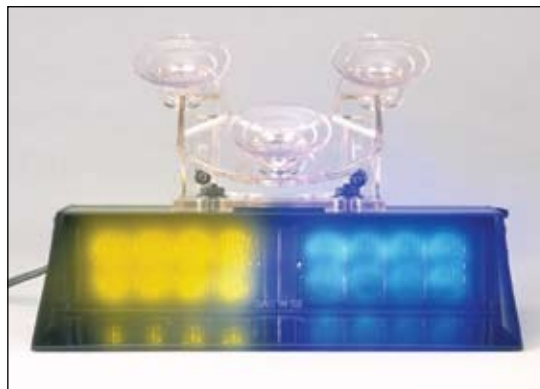
Dual Windshield Lights*
Permanent Headliner Mount:
 #EP2DWSA+(x)
Suction Cup Mount: EP2DWS+(x)

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

#EP2SWS+R w/ Suction Cup Mount



#EP2DWS+M w/ Suction Cup Mount



Our Predator 2 products offer Extreme Angle visibility. Beating our competition every time in off angle comparisons.

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)



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



Enhance your side visibility with our Prisoner Screen Bracket, #PPRPSBKT (for single light only).



Suction Cup Mount, EPRDDWS+(x) fits securely in any windshield yet can be moved if needed (shown without shroud).

Features

- 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).

Parts & Accessories

Prisoner Screen Mount Bracket: #PPRPSBKT (Sgl. only)

Suction Cup Mount: #PPRDWBRKT

Permanent Mount Bracket: #PPRH1BKT

Shrouds: Sgl. #PPRDWSSWS, Dual #PPRDWSDWS

OEM Glass Mount Kit: #PPRDGMBRKT

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:	<u>w</u> idth x <u>h</u> eight x <u>d</u> epth
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



PREDATOR™

by SoundOff Signal



Single Windshield Lights*

Permanent Headliner Mount:

#EPRDSWSA + (x)

Suction Cup Mount: #EPRDSWS + (x)



Dual Windshield Lights*

Permanent Headliner Mount:

#EPRDDWSA + (x)

Suction Cup Mount:

#EPRDDWS + (x)

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



Dual Light shown with Permanent OEM style Glass Mount, ordered separately #PPRDGMBRKT.



Illuminated Red/Blue Dual Light.

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

Pilot™ (Gen3 LED)



Dual light has 12 powerful Gen3 LEDs for bright light output & unique "x-pattern" sequences.



Single light has 8 super bright Gen3 LEDs and can flash 4 diodes against the opposite 4 diodes.



Conveniently located rear switch allows easy access to On/Off and pattern switching. Housing has built in tilt & height adjustments to fit any windshield.

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 (see diagrams on opposite page).
- 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	
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:	width x height x depth
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)





LED Windshield Lights

Single Light

Suction Cup Mount: #EPLTSWS+(x)



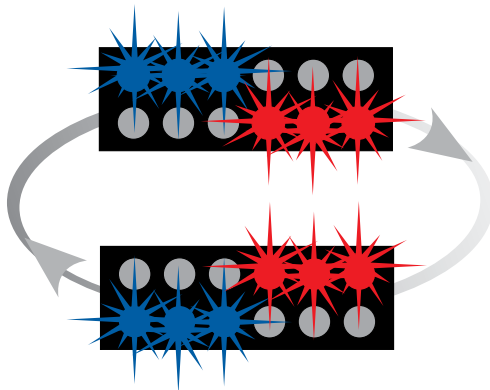
**Low Cost
LED Light
for Volunteer
Fire & Security**



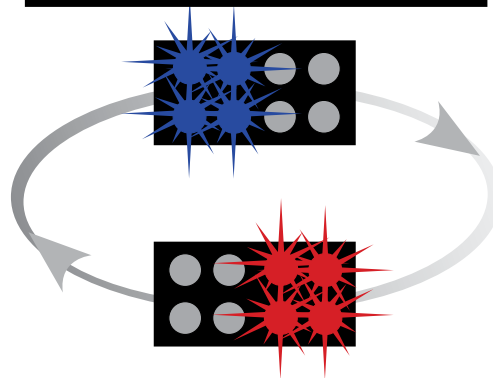
Dual Light

Suction Cup Mount: #EPLTDWS+(x)

Dual Light has 4 unique "x-patterns".



Single Light features split design, flashing 4 diodes at a time against each other.



Available Colors: 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 | R = White/White |

LED Visor Lights



Premium Gen2 Visor Light: #ETVLLED(x)
w/ CA Title 13 Steady Red Patterns:
 Red/Blue #ETVLLEDCAJ
 Red/Red #ETVLLEDGAR

Economy Visor Light: #ETVL1CLD(x)



Premium Gen2 Visor in Red & Blue LEDs provides a bright warning signal.



Premium Gen2 Visor installed in an undercover Ford Crown Victoria Police Interceptor.








Perfect for undercover vehicles, visor lights are not visible when the visor is up.

- 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 copy cat 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

Gen2 Visor Light Solid Colors:

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

Gen2 Visor Light Split Colors:

-  D=Red/White
-  K=Red/Amber
-  E=Blue/White
-  L=Red/Green
-  F=Amber/White
-  M=Blue/Amber
-  H=Green/White
-  N=Blue/Green
-  I=Red/Blue
-  P=Green/Amber

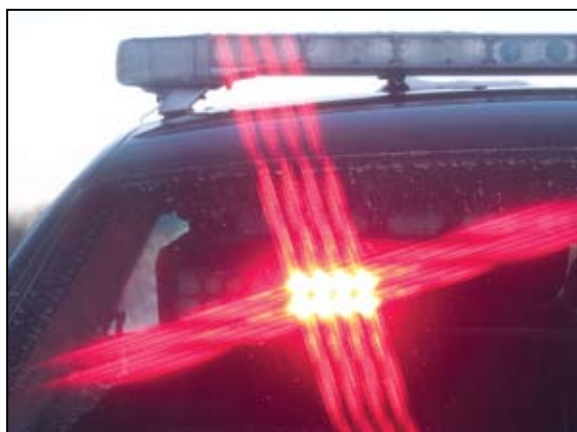
LED Visor Lights

Gen3 LED Visor Light: #ELV3BVS+(x)

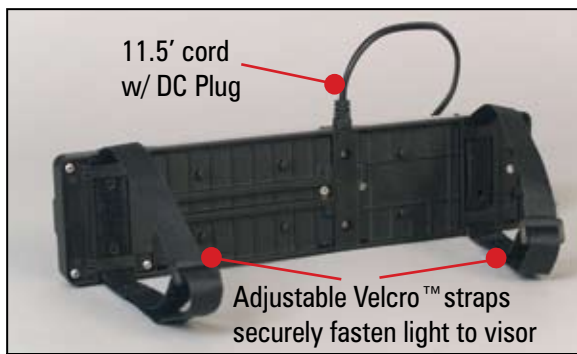
w/ CA Title 13 Steady Red Patterns:

Red/Blue #ELV3BVC+J,

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.



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



Compact, easy-to-use visor light is perfect for undercover applications with bright LED output.

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:

- A=Amber/Amber
- B=Blue/Blue
- D=Red/White
- J=Red/Blue
- R=Red/Red

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

NOTE: Call for availability of other colors.

1000 Beacon (Strobe)



1000 Series Beacon is a permanent, flat mount only, #1051A.



Our 1000 Series Beacon shown mounted to our very own fork lift which is used in our plant daily.



Beacon mounts permanently & easily to almost any surface. Amber, Blue and Red Domes available.

Features

- 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.
- 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.

Part Number

1000 Series Strobe Beacon: 1Ø51F(x)

See page 76 for Color Options & Warranty.

TECHNICAL SPECIFICATIONS

Flash Patterns:	1 pattern
Flash Rate:	Single Flash @ 60-80 f.p.m.
Input Voltage Range:	10 - 72 Vdc
Current Consumption:	Ø.3 amps @ 12V
Technology:	Linear Strobe Tube
Light Sync Technology:	No
Output	approx. 3 amps
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter
	5.16" h x 3.82" diam.



2000 Beacon (Strobe)



Our 2000 Beacon is small enough to fit in the palm of your hand and is perfect for smaller sized equipment.



Beacon may be ordered with a Magnetic Mount which includes 9' cord & bullet style cigar plug.



2000 Clear Dome Permanent Mount Beacon shown.

Features

- 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.

Part Numbers

2000 Series Flat Mount: 2Ø51F(x)

2000 Series Magnetic Mount: 2Ø51M(x)

Accessories

Polished Chrome Branch Guard: E3SØBG3 (see photo top left)

See page 76 for Color Options & Warranty.

TECHNICAL SPECIFICATIONS	
Flash Patterns:	1 pattern
Flash Rate:	Single Flash @ 60-80 f.p.m.
Input Voltage Range:	10 - 72 Vdc
Current Consumption:	Ø.3 amps @ 12V
Technology:	Linear Strobe Tube
Light Sync Technology:	No
Output	approx. 3 amps
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter
	3.57" h x 5.05" diam.



3000 Beacon (Strobe)



Our 3000 Series beacons are perfect for School Bus, Transit Bus and Commercial Vehicle applications.



Protect your beacon with our polished Metal Branch Guard which is available in 4" and 6" Dome heights.



Unique split color dome is available in a Red/Blue color combination allows for use on law enforcement vehicles.

Features

- 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.

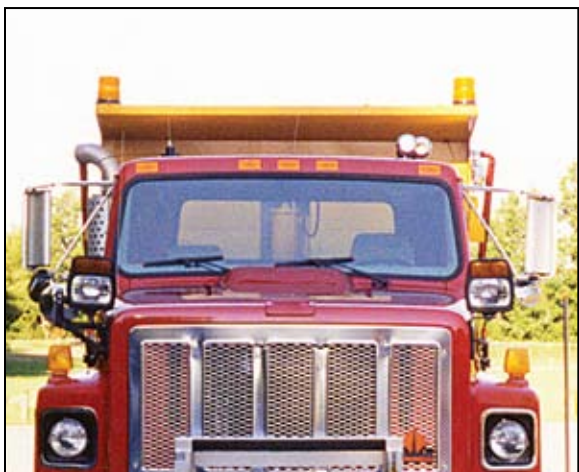
See page 76 for Beacon Part Numbers/ Order Guide, Color Options, Warranty & Accessories.

TECHNICAL SPECIFICATIONS	
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
Light Sync Technology:	No
Output	10 or 20 watts
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter
4" Low Dome	4.5" h x 5.5" diam.
6" High Dome	6.44" h x 5.5" diam.



(w/ Dust Cover)

4000 Beacon (Strobe)



Our 4000 Series beacons are great for Commercial Vehicle/DOT use and for school buses.



Metal Branch Guards can be used with 4000 Strobe, 4500 LED & 3000 Strobe Beacons

Protect your beacon with our polished Metal Branch Guard which is available in 4" and 6" Dome heights.



Clear Dust Cover fits both heights on 4000 Strobe, 4500 LED & 3000 Strobe Beacons

Clear Dust Cover is available to meet California Title 13 compliancy. Dust Cover fits both 4" and 6" beacons.

Features

- 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 page 76 for Beacon Part Numbers/ Order Guide, Color Options, Warranty & Accessories.

TECHNICAL SPECIFICATIONS

Flash Patterns:	2 user selectable patterns
Flash Rate:	Double @ 70 f.p.m. Quad @ 100 f.p.m.
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	2 amps @ 12V, 1 amp @ 24V
Technology:	Strobe
Light Sync Technology:	No
Output	20 watts
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter
4" Low Dome	4.63" h x 6.35" diam.
6" High Dome	6.56" h x 6.35" diam.



(w/ Dust Cover)

4500 Beacon (LED)



Class 1, Class 2 & ECE65 LED Beacons in 4" & 6" Dome heights with explosive LED power.



12 powerful Gen3 LEDs provide the brightness & fresnel lens optics disperses & maximizes output.



An Amber LED Beacon shown illuminated. Reliability & power packaged in a beacon - no more burned out strobe tubes to change!

Features

- 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. Magnetic Mount beacon includes easy-to-install cigar plug.

See page 76 for Beacon Part Numbers/ Order Guide, Color Options, Warranty & Accessories.

TECHNICAL SPECIFICATIONS

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 16 Gen3 LEDs
Light Sync Technology:	Yes
Output:	Amber, Blue & White - 9 watts Red 6 - watts
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter
4" Low Dome	4.63" h x 6.35" diam.
6" High Dome	6.56" h x 6.35" diam.



(w/ Dust Cover)



(Blue & Amber only)

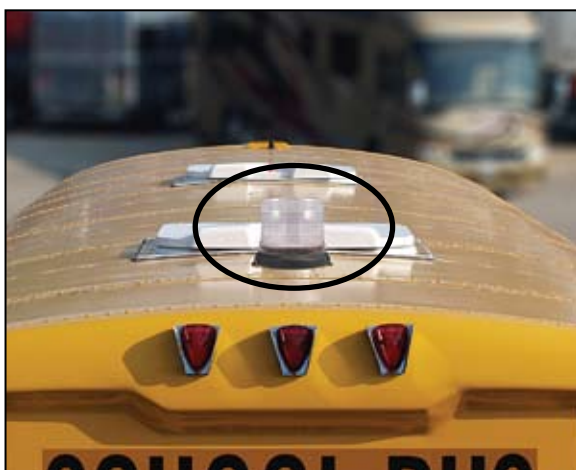
5000 Economy (Strobe)



Our new low cost 5000 Economy Series beacon is great for all types of vehicle fleets.



Waterproof design with a black powder coat cast aluminum base. Includes 16" 3-wire leads.



Available in a 4" dome height in Amber or Clear. A perfect choice for transit & school bus use.

Features

- 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.

Part Numbers

Amber 4" Dome: 5157LFA

Clear 4" Dome: 5157LFC

See page 76 for Color Options, Warranty & Accessories.

TECHNICAL SPECIFICATIONS

Flash Patterns:	2 user selectable patterns
Flash Rate:	Double @ 70 f.p.m. Quad @ 100 f.p.m.
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	1.5 amps @ 12V, 0.75 amps @ 24V
Technology:	Strobe
Light Sync Technology:	No
Output	15 watts (12 joules)
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter
4" Low Dome	5.60" h x 6.89" diam.



7000 Beacon (Strobe)



6" High Dome 7000 Strobe Beacon shown with an Amber Lens. Overall height is 8" tall (base is 2" high).



4" Low Dome 7000 Strobe Beacon shown with a Split Lens. Overall height is 6" tall (base is 2" high).



Protect your beacon with a Metal Branch Guard that is available for both dome heights.

Features

- 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 Mount, Pipe Mount (included with Perm. Mnt.) 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.

Accessories

Metal Branch Guard for 4" Dome: #E7000BG4

Metal Branch Guard for 6" Dome: #E7000BG6

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

See page 76 for Beacon Part Numbers/ Order Guide, Color Options & Warranty.

TECHNICAL SPECIFICATIONS	
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
Light Sync Technology:	No
Output	20 watts
Operating Temperature:	-40° to +65° C
Dimensions:	height x diameter (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

4500 LED Beacon Order Guide					
Mount	Dome Height (z)	(x)=LED Color, (y)=Dome Color			
4500 Series Class 1 Beacons: #ELB45BM(z)+(x)(y) Magnetic #ELB45BC(z)Ø(x)(y) Perm. Mnt. Class 2 Beacons: #ELB42BM(z)+(x)(y) Magnetic #ELB42BC(z)Ø(x)(y) Perm. Mnt.	L = 4" Low H = 6" High	AA = Amber/Amber BB = Blue/Blue GG = Green/Green JJ = Red/Blue & Red/Blue (Low Dome) RR = Red/Red	AC = Amber/Clear WC = White/Clear WA = White/Amber		
Example: #ELB4MH+AA is Magnetic Mount Beacon with Amber LEDs/Amber Dome.					
4000 Strobe Beacon Order Guide					
Power	Flash	Dome Height (xxx)	Mount (xxx)	Dome Color (xxx)	
4227xxx	20 watt	Double & Quad	L = 4" Low H = 6" High	C = Flat/Pipe Mount M = Magnetic Mount	A = Amber, B = Blue C = Clear, G = Green J = Red/Blue (Low Dome) R = Red
Example: #4227HMR is a 20 watt beacon w/ Double & Quad Flash, Magnetic Mount & a High 6" Red Dome.					
3000 Strobe Beacon Order Guide					
Power (3xxxxxx)	Flash (3xxxxxx)	Dome Height (3xxxxxx)	Mount (3xxxxxx)	Dome Color (3xxxxxx)	
3xxxxxx	ØØ = Remote 1Ø = 10 watt 2Ø = 20 watt	Ø = Remote 7 = Double & Quad	L = 4" Low H = 6" High	C = Flat/Pipe Mount M = Magnetic Mount	A = Amber, B = Blue C = Clear, G = Green J = Red/Blue (Low Dome) R = Red
Example: #32Ø7LCA is a 20 watt beacon w/ a Double & Quad Flash, Flat/Pipe Mount & a Low 4" Amber Dome.					
7000 Strobe Beacon Order Guide					
Power (7xxxxxx)	Flash (7xxxxxx)	Dome Height (7xxxxxx)	Mount (7xxxxxx)	Dome Color (7xxxxxx)	
7xxxxxx	ØØ = Remote 2Ø = 25 watt	Ø = Remote 1 = Single Flash 2 = Double Flash 4 = Quad Flash 5 = Quint Flash	L = 4" Low H = 6" High	C = Flat/Pipe Mount M = Magnetic Mount	A = Amber, B = Blue C = Clear, G = Green J = Red/Blue (Low Dome) R = Red
Example: #7ØØ4LCC is a 20 watt beacon w/ a Quad Flash, Flat/Pipe Mount & a Low 4" Clear Dome.					

Warranty

3000, 4000 & 7000 Strobe

Strobe Tube 1 Year, Electrical Components 2 Years.

4500 LED 5 Year No Hassle Warranty.

1000, 2000 & 5000 Strobe

1 Year No Hassle Warranty.

Accessories

(For 3000, 4000 & 4500 Beacons Only)

Metal Branch Guard for 4" Dome: #E360BG4

Metal Branch Guard for 6" Dome: #E360BG6

Clear Dust Cover: #E360DC6

(for CA Title 13 compliancy - fits both dome heights)

Colors

1000 Strobe

A=Amber, B=Blue
& R=Red

2000 Strobe

A=Amber, B=Blue,
C=Clear/White & R=Red

3000, 4000 & 7000 Strobe

A=Amber, B=Blue, C=Clear, G=Green, R=Red
& Split Dome J=Red/Blue (4" dome height only)

4500 LED Beacon

A=Amber**, B=Blue**, G=Green*, R=Red, W=White
& Split Dome J=Red/Blue (4" low dome height only)

*Green is NOT Class 1 or Class 2 certified.

**Amber & Blue only are ECE65 certified.

5000 Strobe

A=Amber & C=Clear

Gen2 LED Red Trunk Light Kit #ETLK06R (For Ford Crown Victoria & Chevrolet Impala)



- Our LED Trunk Lights are the perfect solution for supplemental rear warning on police vehicles.
- Includes brackets for Police Package Ford Crown Victoria (w/ T53 option) & Chevrolet Impala (w/ 476 option) vehicles w/ 2-Red LED 4" Round Lights & 1-electronic alternating flasher.
- Lights are made with bright & reliable Gen2 LEDs.
- Small 4" round size mounts easily inside the tight space of your trunk.
- Polycarbonate lens with black powder coated steel brackets.

For Tech Specs See Web



Chevrolet Impala Bracket



Ford Crown Victoria Bracket



Light installed in Ford Crown Victoria

Incandescent Trunk Lights #ETTL0(x)-P Single*, ETLT(xx)-P Pair** (For Ford Crown Victoria & Chevrolet Impala)



- Small size may be used for a trunk light or deck light.
- Powered with a 32 candle power incandescent bulb.
- Each light is made with a zinc die cast housing finished in a glossy black enamel w/ durable polycarbonate lens.
- Available Kits:

'05 Ford Crown Victoria Plug-in Trunk Light Kit #ETLKPIPP(x)
Available colors: B=Blue/Blue, J=Red/Blue, R=Red/Red.

'00-'02 Ford Crown Victoria & '00' #ETLKPI00(xx)

'00+ Chevrolet Impala Plug-in Trunk Light Kit #ETLKPI00(xx)

Available colors: AR=Amber/Red, BB=Blue/Blue, RB=Red/Blue, RR=Red/Red.

*Available in A=Amber, B=Blue & R=Red

**Available in AA=Amber/Amber, BB=Blue/Blue, RB=Red/Blue & RR=Red/Red

For Tech Specs See Web



Ford Crown Victoria '05+ Plug-in Kit



Ford Crown Victoria '00 - '02 & Chevrolet Impala '00+ Plug-in Kit

LED3 Cargo Warning Trunk Light

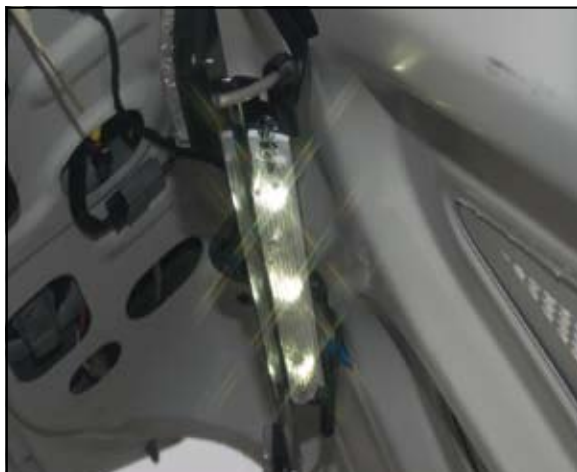
Ford Crown Victoria: #ETLK02CV(x)

Chevrolet Impala & Dodge Charger: #ETLKC06U(x)

LED3

CARGO WARNING TRUNK LIGHT

by SoundOff Signal



The LED3 Trunk Warning light offers light to an otherwise dim area so you can clearly see the contents.



Dual function light offers a warning signal while the trunk is open. Ford Crown Victoria mount shown.



The LED3 Trunk Warning light supplements the Predator 2™ LED Deck/Grille lights in the rear deck.

Features

- LED3 Cargo Warning Trunk light offers bright trunk illumination with a distinct safety advantage. When the trunk is open our Interior Cargo Light brightly illuminates the trunk while our powerful LED3 Mini Lights provide supplemental rear warning to help protect your officers.
- Two models are available; one with Ford Crown Victoria Brackets, while the other can be mounted to Chevrolet Impala or Dodge Charger vehicles.
- Our LED3 Mini Lights feature powerful and bright Gen3 LED light output and are available in Blue (B), Red (R) and Red/Blue (J) color combinations with 16 user selectable flash patterns.
- The Interior White LED Cargo light has 3 bright white Gen3 LEDs that clearly illuminate dark cargo/trunk areas - no more fumbling around in the dark.
- LED lights feature a low amp that won't burden your electrical systems. The LED3 lights have a 0.5 amp draw per light while the Interior Cargo Light has a current consumption of less than 500mA.
- Synchronize the LED3 Mini Lights with other SoundOff Signal LED warning lights that feature Light Sync Technology.
- Interior Cargo light is easy to install with a simple two wire connection; includes 20" of wire. The LED3 lights include 18" of shielded cable for installation.

TECHNICAL SPECIFICATIONS	
Flash Patterns:	16
Input Voltage Range:	10 - 16 Vdc
Current Consumption:	0.5 amp per LED3 module Interior light < 500mA
Operating Temperature:	-40° to +65° C
Dimensions:	diameter x height x depth
	4.10" diam. x 4.46" h x 1.99" d

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

J=Red/Blue

 B=Blue

 R=Red



Dome Lights *(LED & Incandescent)*



Specify SoundOff Signal Dome Lights for your fleet. Universal surface mount requires no headliner cutouts.



Prevent eye fatigue and increase officer safety with our exclusive Red LED Night Light option.



LED Dome Lights have Clear Fresnel Lens option available for the brightest light output.

Features

- Officer safety is our primary concern and we have developed a dome light with a Red LED Night Light option to **reduce officer targeting**. Red light allows your officers the ability to see outside their vehicle, so no one can creep up & surprise them from the shadows. Red LED light prevents eye fatigue while providing your officers with reliable interior lighting.
- Twelve combinations cover all vehicle models & every lighting need.
- Great light for SUV tailgate/cargo lights & perfect for command vehicles.
- Dome lights are available in an opaque White or Clear Fresnel lens.
- Universal surface mount easily & simply installs without requiring cutouts in headliner.
- Vehicle specific models are available for several police package vehicles including the Ford Crown Victoria, Chevrolet Impala, Magnum, and Charger.
- Warranty:
LED Dome Lights - 5 Year No Hassle Warranty
Incandescent Dome Lights - 1 Year No Hassle Warranty

Replacement Parts

Clear Incandescent Bulb: #PDMLTB1Ø

TECHNICAL SPECIFICATIONS		
	ECVCMILTAL(xxx) (New Design)	All Other Dome Lights
Input Voltage Range:	10 - 30 Vdc	12 or 24 Volt available
Current Consumption:		
Incandescent	NA	740 mA
LED	less than 0.2 amps	12 volt 112-180 mA 24 volt 40-60 mA
Technology:	LED	LED or Incandescent
# of LEDs:	1 White Gen3 LED 8 Red Gen2 LED	21 White Gen2 LEDs 12 Red Gen2 LEDs
Operating Temp:	-40° to +65° C	-40° to +65° C
Dimensions:	diameter x height	diameter x height
	5.39" diam. x 0.09" h	6.19" diam. x 1.5" h



Dome Lights *(LED & Incandescent)*

ECVDMLTALCV
Ford Crown Victoria Bracket



Reduce officer targeting with Red LED Night Light option.



PART NUMBER	LIGHT COLOR	LENS COLOR	VEHICLE MOUNT	VOLTAGE
ECVDMLTAL00	White LEDs/Red LEDs	White	Universal	12
ECVDMLTALCV	White LEDs/Red LEDs	White	Ford Crown Victoria	12
ECVDMLTALIMP	White LEDs/Red LEDs	White	Chevrolet Impala	12
ECVDMLTALDC	White LEDs/Red LEDs	White	Dodge Charger	12
ECVDMLTW00	White LEDs only	White	Universal	12
ECVDMLT2W00	White LEDs only	Clear Fresnel Lens	Universal	12
ECVDMLT24W00	White LEDs only	White	Universal	24
ECVDMLT2AL00	White LEDs/Red LEDs	Clear Fresnel Lens	Universal	12
ECVDMLT00	White Incandescent w/ Red LEDs	White	Universal	12
ECVDMLTCV	White Incandescent w/ Red LEDs	White	Ford Crown Victoria	12
ECVDMLTIMP	White Incandescent w/ Red LEDs	White	Chevrolet Impala	12
ECVDMLDC1	White Incandescent w/ Red LEDs	White	Dodge Magnum & Dodge Charger	12

Trunk/Warning
Combo Light
Pg. 80



LED Strip Light:

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



- Simple two wire electrical connection is easy to install.
- Great for all types of vehicles to illuminate dark interior spaces like work spaces, desks, compartments, trunks or cargo areas.
- 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.



NEW!



90° Corner Mount LED Strip Light:

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

- 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 & secure in place with customer supplied fasteners.
- 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



- 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.



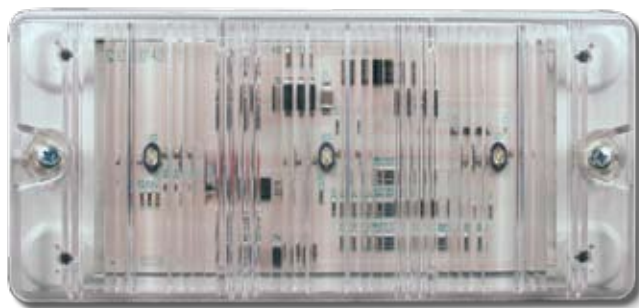


5.83" l x 2.80" w x 0.77" d

Universal Interior Cargo/Dome Light:

#ECVDMILTST4

- Our smallest white LED interior Dome/Cargo light is affordable option for fleets to take advantage of interior LED lighting in style.
- Surface mount light is easily installed with a simple 2-wire electrical connection & can be mounted directly to any flat surface to provide bright white light output.
- For use in any interior application where long-lasting LEDs & low amp draw are important, extremely low amp draw at just 0.3 amps per light.
- Great for overhead lighting, can be used as a dome light or installed in dark cargo/trunk/compartament areas for increased visibility with bright white light.
- Long lasting LEDs means no more bulbs to change or stock.
- Includes mounting hardware w/ 7" 2-wire lead.



7.03" l x 3.23" w x 0.75" d

Universal Interior Cargo/Dome Light:

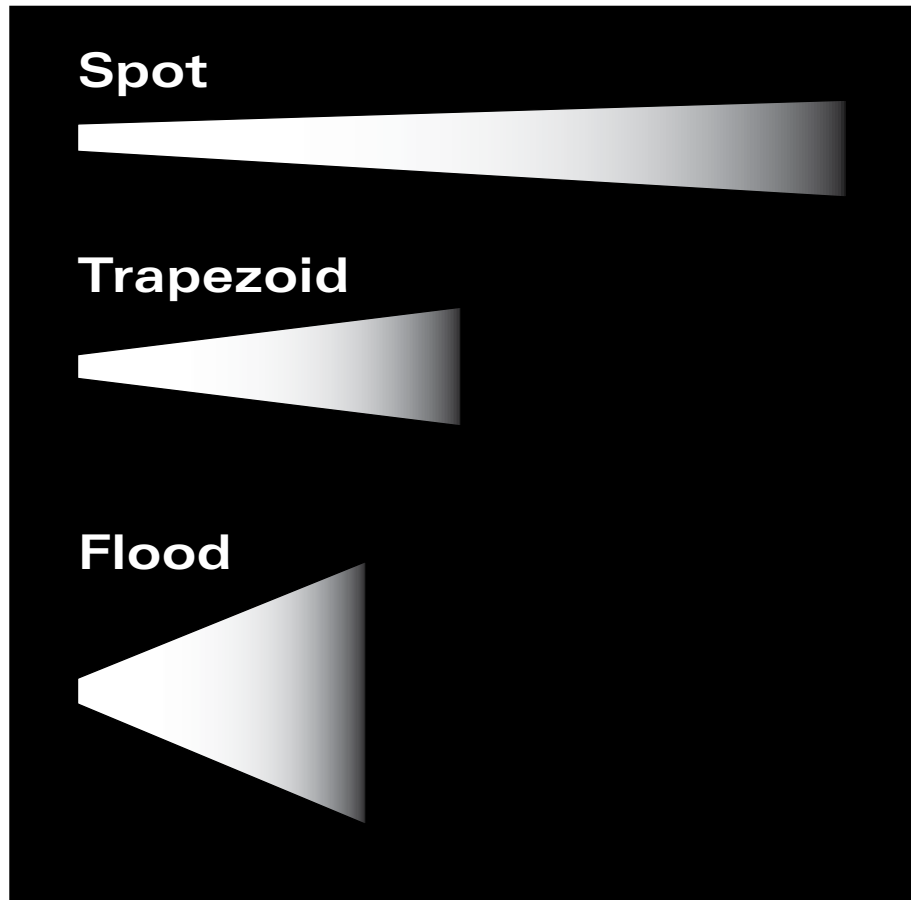
Standard Light w/ Metal Base #ETULT37W

Economy Light w/ Polycarbonate Base #ECVCDMLTST2

- Surface mount light can be mounted to any flat interior location for instant bright white illumination where you need it most.
- Great for all types of vehicles to illuminate interior spaces, trunk, cargo or compartment areas.
- Exclusive lens design disperses maximum amount of light.
- Crystal clear, durable polycarbonate lens with your choice of a metal or polycarbonate base.
- Long lasting LEDs means no more bulbs to change or stock.
- Low amp draw is easy on your vehicle's electrical system @ just 0.91 amps.



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.

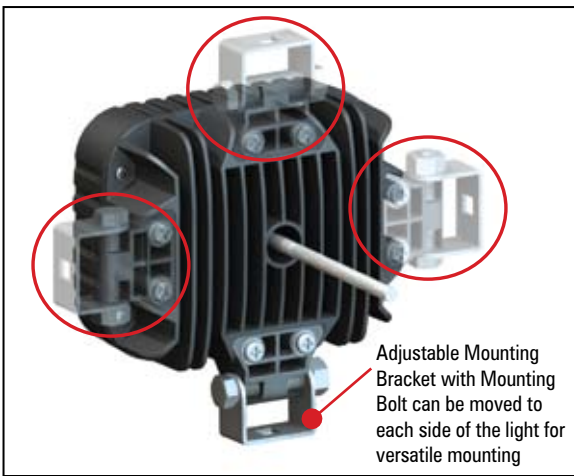
Flood - Widest flood of light and the shortest distance. Great for illuminating construction sites and other scene lighting.

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.

5" Rectangle (Gen3 1400 Lumen LED Work Light)



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



Adjustable Mounting Bracket with Mounting Bolt can be moved to each side of the light for versatile mounting

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

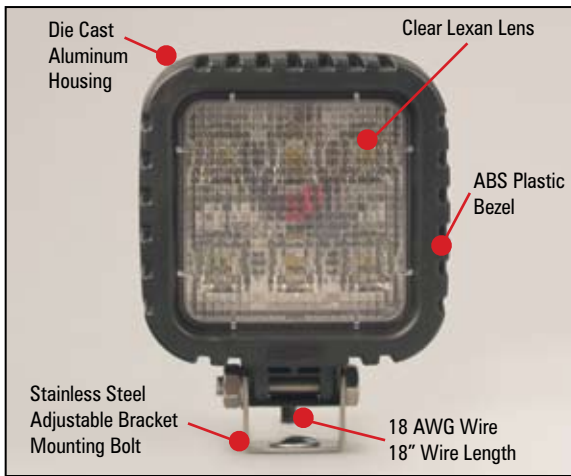
Illumination Patterns	Flood, Spot or Trapezoid
Color Temperature:	5700K
Input Voltage Range:	10 - 50 Vdc for worldwide use
Current Consumption:	
@ 12.8 Vdc	3.7 amps
@ 25.6 Vdc	1.8 amps
@ 51.2 Vdc	0.9 amps
# of LEDs:	8 Gen3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C
Dimensions:	<u>w</u> idth x <u>h</u> eight x <u>d</u> epth
	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 #EWLC1000SBDF0W

Spot #EWLC1000SBDS0W

Trapezoid #EWLC1000SBDT0W

TECHNICAL SPECIFICATIONS

Specification	Value
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:	width x height x depth
	4" w x 4" h x 2.75" d (5.5" height w/ bracket)



PAR 36 (Gen3 1000 Lumen LED Work Light)

LED Work Lights - 1000 Lumen PAR 36 & 4" Square



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.
- Lights are proudly Made in the USA with quality and expertise you can rely on. SoundOff is a leader in LED 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 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)



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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 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 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)



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.
- Lights are proudly Made in the USA with quality and expertise you can rely on. SoundOff is a leader in LED lighting products 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 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

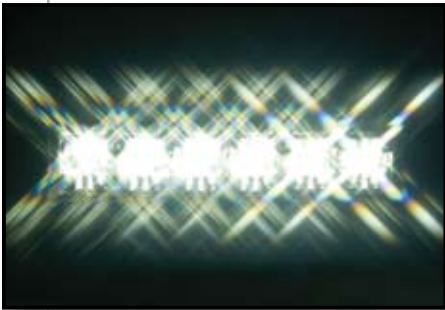
Trapezoid #EWLA0500DBDT0W

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)



GHOST™ ROCK LIGHT



Versatile Adjustability



Versatile Mounting



Anti-crush Bracketry

Ultra Bright LED White Light with Severe Duty Bracket

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

Features include:

- Severe Duty Design and Heavy Metal Construction
- Versatile Bracket with Vertical and Horizontal Adjustability
- Professional Grade Gen3 LEDs
- Proven Reliability (made with our popular GHOST™ Single Light)
- Versatile Mounting Options
- 10-30 Volt Operating Range
- Size: 5.25" w x 1.625" h x 1.75" d

GHOST™ Rock Light w/ White Spotlight

#EGHSTS3W Black Housing (3 yr. warranty)

GHOST™ Rock Light w/ Std. Warning Colors (see pg. 29 for colors & features)

#EGHST3(x) Black Housing (5 yr. warranty)

GHOST™ Rock Light w/ Red Stop/Tail Function

#EGHSTTS3R Black Housing (5 yr. warranty)

GHOST™ Replacement Rock Light Bracket

#PGHSTRK Black



(White) (Warning Colors)



Light mounted to a Charger Push Bumper

Provides LED Alley lighting for undercover vehicles when mounted to the push bumper or prisoner partition.



Same LED module as our lightbar alley light

Surface Mount design can be mounted horizontally or vertically in tight, restricted spaces.



High density, ultra powerful, 4 diode multi-chip LED for bright, pure white 500 Lumen output.



**LED3
Spotlight
#EL3SSCW
(see web)**



NEW!

Mighty Night Light

Surface Mount LED Spotlight

#EAUSSMBØSWC Standard

#EAUSSMBØAWC 15° Forward Facing

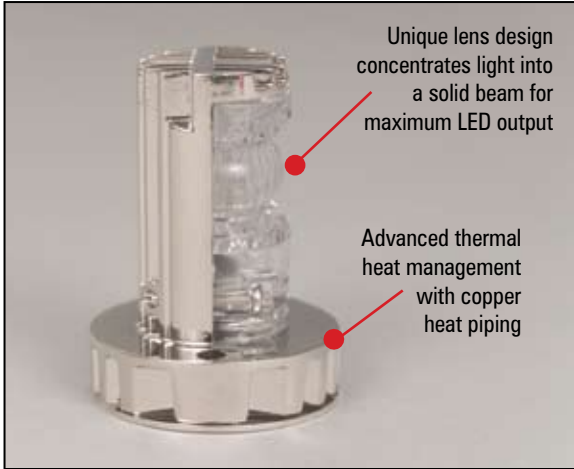
Features

- Introducing the small & mighty, "Mighty Night Light" for public safety use. Use it anywhere you have restricted space & need high output white LED light.
- Hundreds of uses including the first ever Push Bumper Alley Light. Mount to the prisoner partition on undercover vehicles to illuminate dark alleys. Can be used as a license plate light or rear spot light on all types of vehicles & applications
- Light is made with a high density, ultra powerful, 4 diode multi-chip LED with Gen3 LED technology.
- Die cast aluminum housing is powder coated black with a UV inhibitor to prevent fading.
- Light has an attached Molex Connector w/ 32" wire harness, Mounting Gasket & Hardware for installation.

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:	Gen3
Operating Temp.:	-40° to +65° C
Dimensions:	4.1" height x 2.8" width" x 1.3" depth
Mounting:	Mounts on 3.54" centers

UnderCover™ LED Inserts (Gen3 LED)



Unique lens design concentrates light into a solid beam for maximum LED output

Advanced thermal heat management with copper heat piping

Advanced optics concentrate light for the brightest LED insert on the market.



UnderCover™ LED Insert has the same footprint as a standard strobe tube. For vertical mounts only.



UnderCover™ LED Insert Kits available in 2, 4 & 6 Insert Kits. Kits include flasher(s) & cables.

Features

- Clear Lens UnderCover™ Inserts are available in Blue, Red, & White. Amber UnderCover™ has an Amber Lens w/ White LEDs. Call for Green LED availability.
- 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



UNDER COVER LED INSERT

by SoundOff Signal



Clear Lens
UnderCover™



Amber Lens
UnderCover™

Ask About
NEW LED Insert
Coming Soon!

NEW!
Color LEDs
w/ Clear Lens



Our unique lens design boosts the LED output for a bright, powerful signal.

UnderCover™ Kits

2 Head Kit: #ELUCKV01(x)

4 Head Kit: #ELUCKV02(x)

6 Head Kit: #ELUCKV03(x)

(See opposite page for kit contents.)

Kits available in the following colors:

A=Amber, B=Blue, J=Red & Blue, R=Red.

UnderCover™ LED Inserts

Amber Lens/Amber LEDs: #ELUCMV-A

Clear Lens/Blue LEDs: #ELUCMV-B

Clear Lens/Red LEDs: #ELUCMV-R

Clear Lens/White LEDs: #ELUCMV-W

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

Parts & Accessories

2 Head Flasher: #ELUCF02

4 Head Flasher: #ELUCF04

4' Cable: #ELUCH04EA

8' Cable: #ELUCH08EA

13' Cable: #ELUCH13EA

18' Cable: #ELUCH18EA

23' Cable: #ELUCH23EA

UnderCover™ - LED Inserts

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UnderCover™ Strobe Inserts



Strobe Technology powers the UnderCover™ Strobe Inserts. Predator 2 Deck/Grille Lights see pgs. 31-32.



UnderCover™ Strobe Tubes can be used in the head lamp, tail lamp and turn signal applications.



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

**LED Inserts
now available!
See pg. 92**



**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**

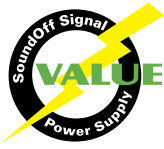
- 1 - Insert w/ Black Base: #EUCNSNZ(x)

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.**

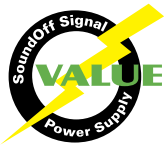
- A=Amber
- R=Red
- B=Blue
- W=White
- G=Green



Galileo™

4 UnderCover™ Strobe Kit #ETKG9ØCCCC

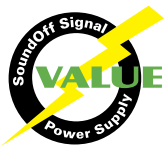
- **New! Improved design** with single pattern select wire that makes it easier to set desired pattern & Low Power Mode option that has a lower amp draw.
- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (12 modes): WarpFlash™, Double, Quad & Quint
- 6 outputs @ 90 watts
- See page 99 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 99 for complete product description



Phaser™

4 UnderCover™ Strobe Kit #ETKP4ØCCCC

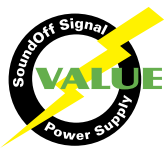
- Kit Includes: 4 Clear Strobe Tubes (screw-in style), 4 - 15' Cables & a 3 Position Control Panel
- Flash patterns (9 modes): WarpFlash™, Double, Quad & Quint
- 4 outputs @ 40 watts
- See page 99 for complete product description



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 97 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 99 for complete product description

UnderCover™ Strobe Insert Kits (Strobe)

Individual Strobe Power Supplies See pgs. 97-100



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

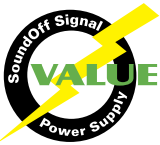
Strobe Power Supply Kits include a Strobe Power Supply with Strobe Tubes, Cables and a Control Panel. Our most popular kits are shown & many other kits are available. *If you do not see the kit you need, call us, we can make it for you! 1.800.338.7337.*



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 100 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 97 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



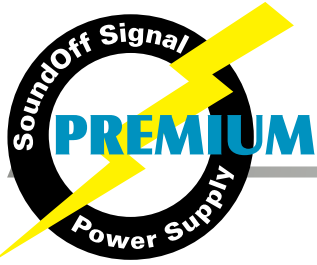
Nova™ #ETN815Ø

- 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



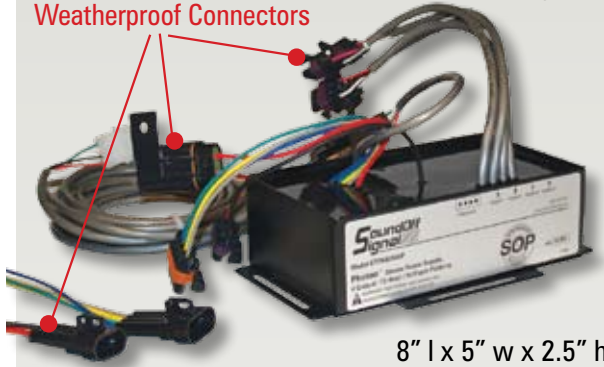
Strobe Power Supplies

Photos & More Information at www.soundoffsignal.com/warnumber/powersupplies.htm

Potted Style Case (weatherproof)

Photon™
Weatherproof

Metri-Pack
Weatherproof Connectors



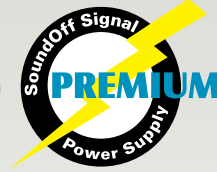
8" l x 5" w x 2.5" h



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.



Strobe Power Supplies - Premium Series

1.800.338.7337 / www.soundoffsignal.com

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

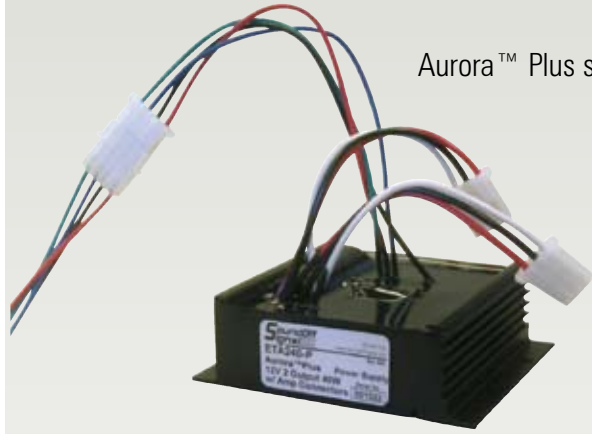


Quantum™ #ETQ45Ø-P

- 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

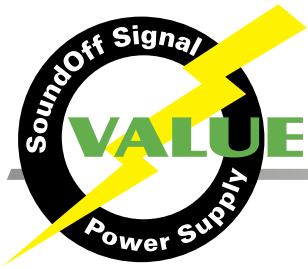
- Flash patterns (9 modes): WarpFlash™, Quad & Quint
- 4 amp draw @ 12 volts, 10-30 Vdc
- Potted Style Housing: 5.875" length x 4" width x 1.625" height



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/warnumber/powersupplies.htm



Aurora™ #ETA225-P

Aurora™ w/ Ford CVPI 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



Ford Crown Victoria 90° Bracket.



Aurora Plus™ #ETA240-P

Aurora™ Plus w/ Ford CVPI 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

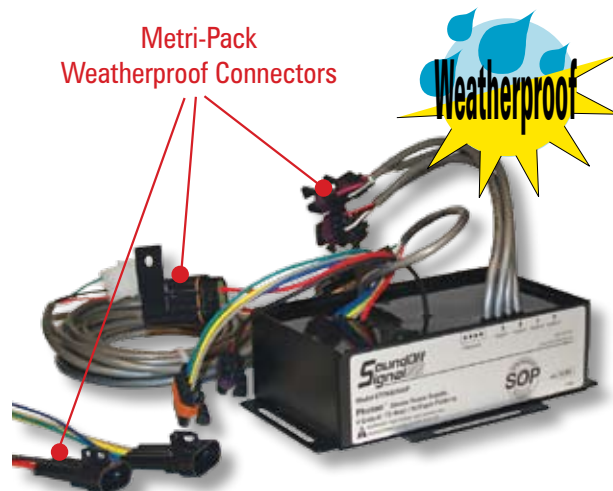
- Flash patterns (2 modes): InterCycle™ & Quad
- 2 outputs @ 40 watt
- 4 amp draw @ 12 volt, 10-30 Vdc
- Potted Style Housing:
6.625" length x 3.75" width x 1.625" height



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.

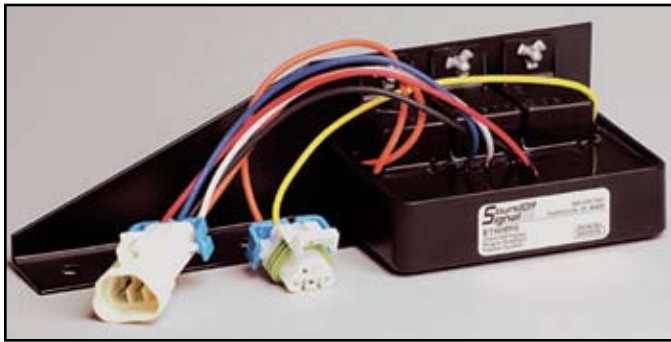
We offer Weather Resistant Strobe Power Supplies in both our Value or Premium Series that are designed with a potted moisture resistant case and include Metri-Pack Connectors for a tight and waterproof seal.



Photon™ Weatherproof shown.

Chevrolet Police Plug-ins

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/veh_flashinfo.htm

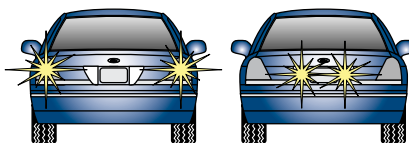


8.875" l x 2.87" w x 2.38" h
Mounts on 2.60" centers
Wire Length: 7"

Chevrolet Impala 2000-2005 Plug-in Headlight Flasher #ETHIMPØ

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Bracket holes line up with mounting bolts under vehicle's hood, no drilling required.
- Designed to work with Police Package Chevrolet Impala vehicles, model years 2000 - 2005.
- Features our PowerPulse™ flash pattern, which alternates the headlights @ 3.0 f.p.s.

**Plug-in Flashers
are the easiest
flashers to
install**



5.75" l x 3.56" w x 1.38" h
Mounts on 1.92" centers
Wire Length: 9"

***Do not use on 2006 Police Package Impala models.
Vehicles contain a factory installed rear flasher system.**

Chevrolet Impala 2001-2005 Flashback™ Plug-in Taillight Flasher #ETFBIMPØ

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Designed to work with Police Package Chevrolet Impala vehicles, model years 2000 - 2005 (do not use on 2006 models, vehicles contain a factory installed rear flasher system).
- "Wig wags" (alternates) red lower brake lights against the white reverse lights @ 2.4 f.p.s. for an effective rear warning signal.
- Built-in diodes provide isolation protection for the electrical system.

Chevrolet Police Plug-ins

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm



Flasher body: 4.7" l x 2.05" w x .70" h
Mounts on 2.2" centers
Wire Length: 14"

Chevrolet Impala 2006+ Plug-in Headlight Flasher* ETHIMP0-06+

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Designed to work with Police Package Chevrolet Impala vehicles, model year 2006+.
- Mounting bracket designed for easier installation in tight spaces.
- Features our PowerPulse™ flash pattern, which alternates the headlights @ 3.0 f.p.s.
- High Beam Override disables flasher when the high beams are activated.
- Built-in Shutdown Protection against loss of ground & under voltage.
- 10 - 16 Vdc input with less than 13mA standby current.
- 55 watt load output on each of 2 outputs.

***Do not use on 2005 and older vehicles.
Use Flasher #ETHIMP0 only.**



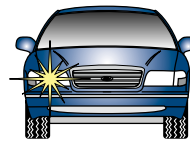
2.70" l x 2.05" w x .70" h
Mounts on 4" centers
Wire Length: 8"

Chevrolet Tahoe 2007+ Plug-in Headlight Flasher #ETHTAH0-07+

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Designed to work with Police Package Chevrolet Tahoe vehicles, model year 2007+.
- Features our PowerPulse™ flash pattern, which alternates the headlights @ 3.0 f.p.s.
- Activates factory integrated taillight flashers.
- High Beam Override disables flasher when high beams are activated.
- Built-in Shutdown Protection against loss of ground, short circuit, under voltage, brown out & transient protection.
- 9 - 16 Vdc input with less than 13mA standby current.
- 55 watt load output on each of 2 outputs.

Ford Police Plug-ins

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm

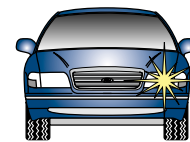
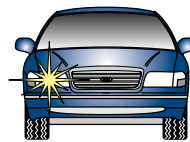
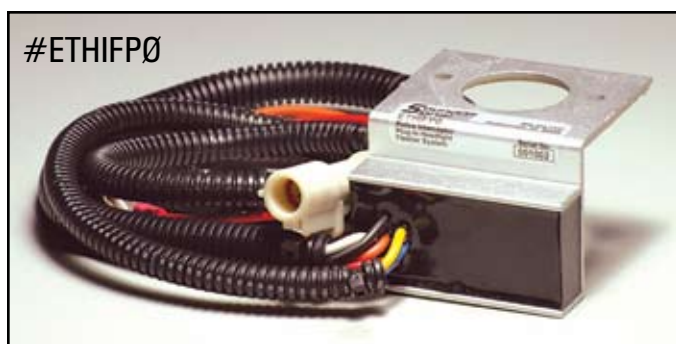


4.38" l x 3.48" w x 1.22" h
Mounts on 3" centers
Wire Length: 18"

Ford Crown Victoria Police Interceptor 2006+ DRL Compatible Plug-in Headlight Flasher

#ETHIFP0C-06+ Relay Driven (1 Year Warranty), #ETHIFPSC-06+ Solid State (5 Year Warranty)

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Created for Ford Canadian Crown Victoria Police Interceptor Police Package 2006 & newer vehicles that contain factory integrated Daytime running lights (DRLs).
- Flasher automatically deactivates integrated DRLs when flasher is activated.
- Features High Beam Override which interrupts the flasher sequence to allow for normal high beam function.
- When used at night low beams remain on while high beams flash.
- Choose from 3 flash patterns: RoadRunner™, Power Pulse™, or Q-Switch™ (see page 105 for descriptions).
- 10 - 16 Vdc input with less than 10mA standby current.
- Output - 55 watt load on each of 2 outputs.



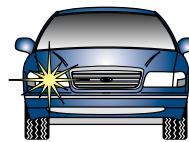
2.25" l x 2.71" w (bracket), 0.67" w (body) x 1.82" h
Mounts on 1.80" centers
Wire Length: 25"

Ford Crown Victoria Police Interceptor 2003 - 2005 (only) Plug-in Headlight Flasher #ETHIFP0, #ETHIFP0-48 w/ 48" wire leads

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Created for Ford Crown Victoria Police Interceptor Police Package 2003 - 2005 vehicles only.
- Choice of Flash Patterns from RoadRunner™, PowerPulse™ or Q-Switch™ (see page 105 for descriptions).
- High beam override function & Night time cutoff function disables flasher (if required by local regulations).

Ford Police Plug-ins

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm



4.70" l x 2.05" w x .70" h

Mounts on 4" centers

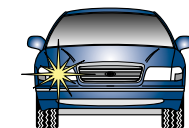
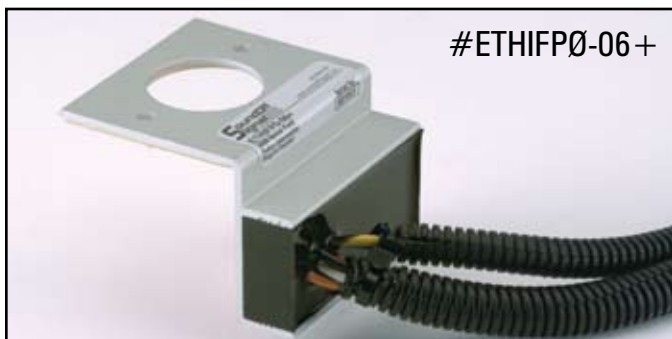
Wire Lengths: 18" for power, ground & control; 59" for outputs

*** Do not use on 2005 and older vehicles. Use Flasher #ETHIFP0 only.**

Ford Crown Victoria Police Interceptor 2006+ Select-A-Pattern Plug-in Headlight Flasher #ETHFSS-CV



- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Designed to work with Ford Police Crown Victoria Police Interceptor vehicles, model years 2006 & newer.
- New Select-a-Pattern Technology with 7 user selectable flash patterns: PowerPulse™, RoadRunner™, ETM (Emergency Traffic Mover), Q-Switch™, Cycle Flash, Single Flash or Double Flash Alternating (see page 105 for descriptions).
- Features High Beam Override & Nighttime Cutoff.
- Durable & non-corrosive ABS plastic housing.
- 8 - 30 Vdc at 9.5 amps/output.
- Durable & non-corrosive ABS plastic housing.



2.25" l x 2.71" w (bracket), 0.67" w (body) x 1.82" h

Mounts on 1.80" centers

Wire Length: 25"

*** Do not use on 2005 and older vehicles. Use Flasher #ETHIFP0 only.**

Ford Interceptor Plug-in Headlight Flasher (2006 & newer)

#ETHIFP0-06+ (25" wire leads), #ETHIFP0-48-06+ (48" wire leads)

- Our Plug-in Flashers are designed to make fleet installation simple & easy with connectors that "plug into" the approved vehicles' supplied connectors.
- Designed to work with Ford Police Crown Victoria Police Interceptor vehicles, model years 2006 & newer.
- Choice of Flash Patterns from: PowerPulse™, RoadRunner™ or Q-Switch™ (see page 105 for descriptions).
- Built-in Shutdown Protection against: short circuit, loss of ground, over temperature, reverse polarity.
- Protected with 10 amp in-line mini fuse.
- Features High Beam Override & Nighttime Cutoff.
- 10 - 16 Vdc input with less than 10mA standby current.
- 55 watt load output on each of 2 outputs.

Headlight Flashers

Check the compatibility of your vehicle at 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.

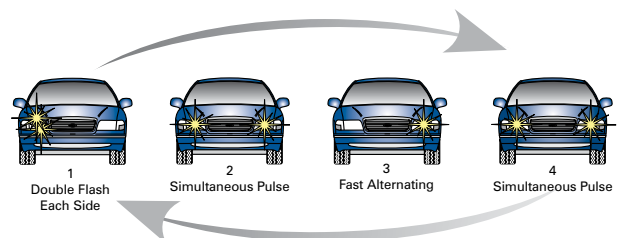
Flashback™ Alternates lower brake lights against reverse lights @ 2.6 f.p.s.

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.

Headlight Flashers

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm

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

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

- Ideal flasher for most "big 3" car models - 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.



**SELECT-A-PATTERN
TECHNOLOGY**

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



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



Taillight Flashers

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm

Flashback™ Alternating Taillight Flasher #ETFBSSN-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:
 - #ETFBSSN-P (shown in photo at right)
 - #ETFBSAN-P w/ AMP Connector
 - #ETFBSANFL w/ Fleet Harness

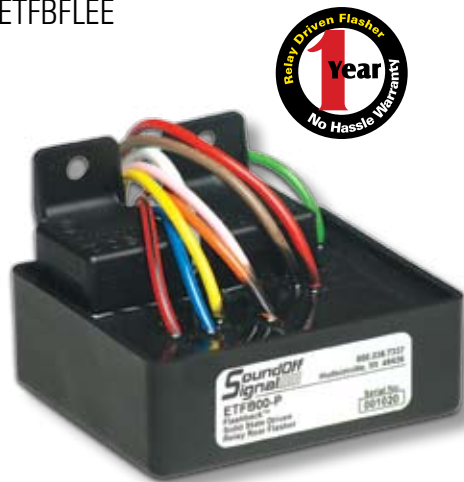
4.70" l x 2.05" w x .70" h
Mounts on 4" centers
Wire Length: 18"



Flashback™ Taillight Flasher #ETFB00-P, #ETFBFLEE

- Flashes taillights @ 2.6 f.p.s.
- Two models to choose from:
 - #ETFB00-P - with wires
 - #ETFBFLEE - 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. 105 for 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"

Headlight Flashers

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm

Positive Switched Solid State Driven Relay Headlight Flasher

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

- 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. 105 for flash pattern descriptions)



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



- Installs into **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).
- Choose a model based upon flash pattern: (see pg. 105 for flash pattern descriptions)

with wires	
#ETPP00CG	PowerPulse™
#ETRR00CG	RoadRunner™
#ETQS00CG	Q-Switch™



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

Specialized Flashers

Check the compatibility of your vehicle at 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"



Specialized Flashers

Check the compatibility of your vehicle at 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



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

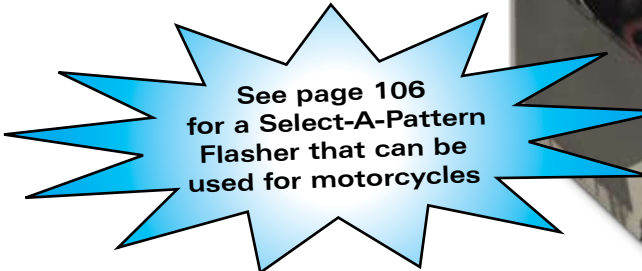
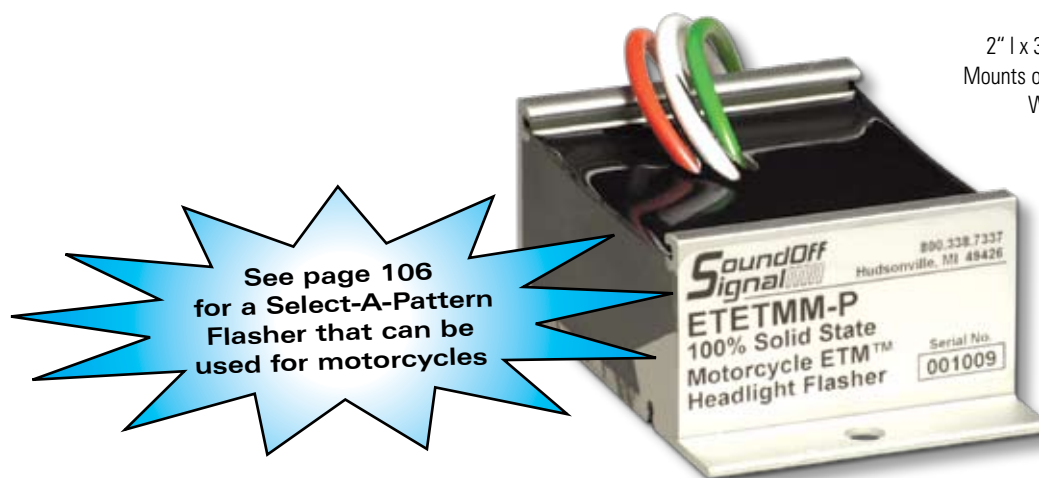


Motorcycle Flasher #ETETMM-P

- 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.



2" l x 3.5" 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

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.



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.



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

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

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

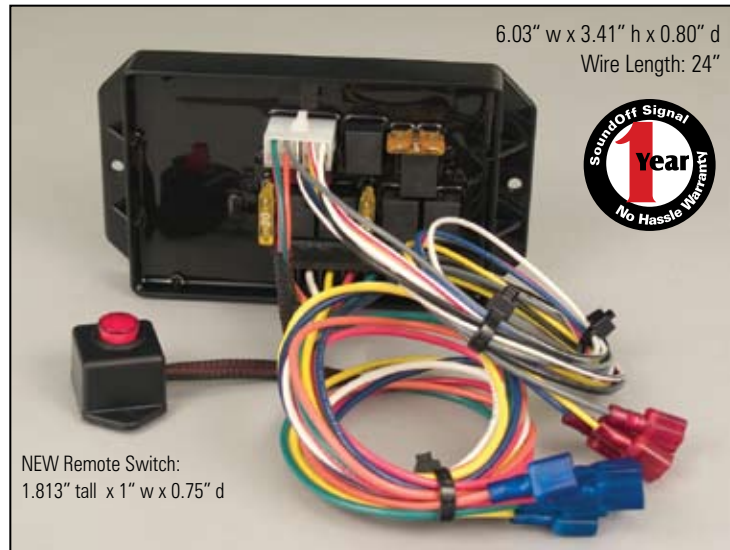


Electronic Products

Check the compatibility of your vehicle at http://www.soundoffsignal.com/techsupport/vech_flashinfo.htm

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.



Idling

Wastes Gas,
Costs Money
& Increases
Greenhouse
Gases.

For our fleet customers, we offer patented technology IdleWise. IdleWise prohibits vehicles from excessively idling while in "park." After a set period of time, IdleWise will automatically turn the idling vehicles engine off, hence reducing excess idling which inherently reduces fuel consumption and greenhouse emissions. The driver can easily restart the vehicle by turning the key to the "off" position and then restarting. Today, excess idling is monitored by GPS type systems that simply collect data reports on driving habits and the tracking of the vehicle. **With IdleWise's automatic shut-off, fleet owners will reduce fuel consumption, reduce maintenance as well as give fleet owners the assurance of no excessive idling.**



Idling Facts You Should Know:

- Driving a vehicle cuts warm-up times in half.
- Ten seconds of idling can use more fuel than turning off the engine and restarting it.
- Every 10 minutes of idling costs you at least 2/10 of a gallon of gas and about 7/10 of a gallon for an 8-cylinder engine.
- Excessive idling can be hard on your engine.
- Restarting a car many times has little impact on engine components & engine longevity.
- If your vehicle has a diesel engine, idling actually lowers the coolant temperature faster than shutting off the engine. In other words, turning off the engine keeps the engine warm longer.
- Idling your vehicle with the air conditioner on (to keep the interior cool) can increase emissions by an additional 13%.

In an independent test from Edmonds.com, by avoiding excessive idling vehicle owners can save up to 19% on fuel costs alone. Just imagine the savings that your company will gain by reducing wasteful idling.

Reduce
Costs & your
carbon footprint.

See our website at www.soundoffsignal.com for more information including links to studies & videos on StrobeWise™ & IdleWise™.

IdleWise Module #ESWC200

IdleWise Module w/ integrated StrobeWise
#ESWC300

3 MIL.

Rear End Collisions Each Year

Roughly 3 million rear end collisions occur in the U.S. each year, injuring more than 1.5 million people while costing \$15 billion in property damage. The National Transportation Safety Board has determined: "If following drivers had just 0.5 - 1.0

StrobeWise™ Next Generation Vehicle Safety

second of additional warning time, 60% - 90% of rear end collisions could be avoided." (NTSB Special Investigative Report SIR-01/01). StrobeWise™, the Next Generation Vehicle Safety, **provides up to 10 seconds of additional warning time** for following drivers. Now you can purchase an Amber safety warning device that really can save lives and money for fleets.

During the time while the vehicle is decelerating but not braking, StrobeWise™ flashes to following drivers with a rear mounted supplemental light. Rate of flash varies relative to the degree of deceleration and flashes continuously while the vehicle is stopped. Microprocessors accurately measure the vehicle's speed at nearly 1,000 times per sec. and is the only collision warning system to use the vehicle's speed sensor data. StrobeWise™ retrofits on nearly all vehicles later than 1993 and is available in 4 light models.

second of additional warning time, 60% - 90% of rear end collisions could be avoided." (NTSB Special Investigative Report SIR-01/01). StrobeWise™,

Avoid

60% - 90% of them.



Amber GHOST light shown mounted on the rear of a motorcycle.

GHOST Amber light in Black or White Housing, #ESW120S(x)A (x)=housing color, B or W



Amber GHOST™ Mini Light in Black or White Housing mounts anywhere.

Predator™ #ESW140S(x)A



GHOST™ #ESW110S(x)A

Amber Predator or GHOST Surface Mounts available in Black, Chrome or White Housings.

StrobeWise Module #ESWC100 (controls up to 2 lighthead)



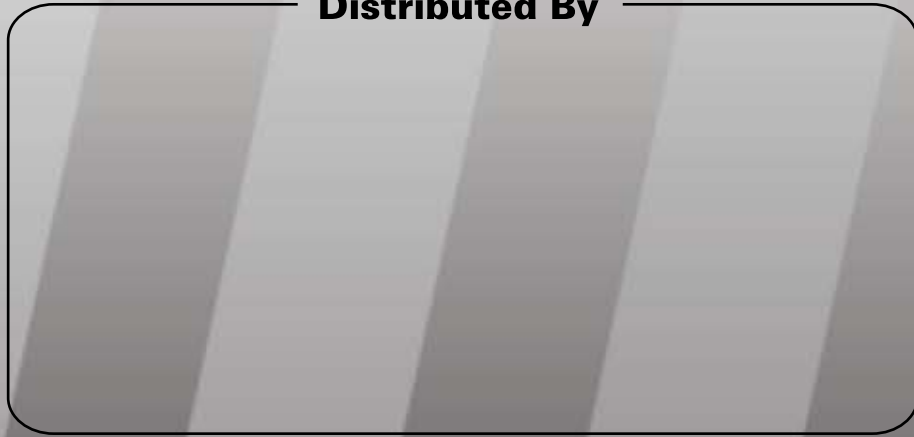
StrobeWise™ Module is mounted to an inside area near the front of the vehicle.

LED3 Amber Lights #ESW130SBA



LED3 Mini Light packs a lot of power in a small size.

Distributed By



SoundOff
Signal |||||®

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



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