



2022

PRODUCT CATALOG



SoundOff Signal



2022 PRODUCT CATALOG - QUICK REFERENCE

At SoundOff Signal, it may be our advanced-tech products that get us noticed by fleets. But, it's the way we thread innovation into everything we do – including how we treat people – that earns their trust.



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The same work ethic we put into our lighting and control systems goes into each and every relationship we have. While we respect technology, we have a long history of earning trust the old-fashioned way – through honest, fair and consistent actions. Customers have worked with us for decades and it’s because we work hard for them. Every. Single. Day. We invite you to check out our product catalog for a taste of what we offer, but reach out and let’s talk. That’s where we really shine.



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LIGHTBARS





SoundOff
Signal |||||[®]



Ultra-thin and ultra-durable; all modules are our popular mpower silicone lenses.

Product #:	EMPLB***
Features:	At only 1" thick, mpower is 50 percent thinner than its leading competitors
Functionality:	Single, Dual, Tri
Color options:	●●●●○
Flash Patterns:	Warning 180+, Takedown/Alley 50+, Arrow L/C/R 14
Dimensions(w):	42" (107 cm), 48.4" (112cm), 54.8" (139 cm)
Dimensions(h):	1.1" (2.7 cm)
Dimensions(d):	10.6" (27 cm)
Mounts:	Standards hook bracket mount with angle adjustment wedge, headache rack mount
Certifications:	SAE J595 and J845 Class 1 certified (red, blue, amber and white), CA Title 13 Class B certified (red, blue and amber), ECE R65 Cat T, Class 2 certified (red, blue and amber), EMC/ECE R10-5 certified



Next generation of the nFORCE Lightbar with built-in photo cell and 3-wire install.

Product #:	ENNLB***
Features:	Modules can be configured as single, dual or tricolor for maximum functionality
Functionality:	Single, Dual, Tri
Flash Patterns:	Warning 140+, Takedown/Alley 50+, Arrow L/C/R 11
Dimensions(w):	24" (61 cm), 36" (91cm), 42" (107 cm), 48" (122cm), 54" (137cm), 60" (152 cm), 72" (183 cm)
Dimensions(h):	2.24" (5.79cm)
Dimensions(d):	12" (31 cm)
Mounts:	Standard hook kit mount with angle adjustment wedge Headache rack mount
Certifications:	SAE J845/J595 Class 1 certified, California Title 13, Class B certified



*** To order configured products, contact your sales representative or customer service department.

EXTERIOR FULL SIZE LIGHTBARS

LIGHTBARS

DIRECTIONAL
WARNING

PERIMETER
LIGHTING

CONTROL
SYSTEMS

SIRENS &
SPEAKERS

FLASHERS

BEACONS

WORK
AREA

nFUSE



nFUSE^{xi}



Available in both single and tall configurations to fit any size vehicle.

Product #:	ENFLB***
Features:	A slim profile, available in lengths from 36 to 72 inches
Functionality:	Single, Dual
Flash Patterns:	Warning 120+, Takedown/Alley 5+, Arrow L/C/R 14
Lens Options:	Clear, Blue, Red, Amber
nFUSE Dimensions	
Dimensions(w):	36" (91cm), 42" (107 cm), 48" (122cm), 54" (137cm), 60" (152 cm), 72" (183 cm)
Dimensions(h):	1.2" (30.5 cm)
Dimensions(d):	1.9" (4,8 cm)
nFUSE XL Dimensions	
Dimensions(w):	24" (61cm), (36" (91cm), 42" (107 cm), 48" (122cm), 54" (137cm), 60" (152 cm), 72" (183 cm)
Dimensions(h):	1.2" (30.5 cm)
Dimensions(d):	3.6" (9 cm)
Mounts:	Standard hook bracket mount with wide angle adjustments, headache rack mount
Certifications:	SAE J845/J595 Class 1 certified, CA Title 13, Class B certified, NFPA Compliant



Powerful and bright with wide-angle optic output.

Product #:	EPL9000***
Features:	Fusion Technology, the optic is designed like a lighthouse to boost the light farther and wider for a brighter, safer warning signal
Functionality:	Single, Split Arrow (back)
Flash Patterns:	Warning (21), Takedown/Alley (5), Arrow L/C/R (4), Arrow Warning Solid 9 or Split 17
Lens Options:	Clear, Blue, Red, Amber
Dimensions(w):	36" (91cm), 42" (107 cm), 48" (122cm), 54" (137cm), 60" (152 cm), 72" (183 cm)
Dimensions(h):	Inboard: 1.75" (4.45 cm) and corner: 2.5" (6.35 cm)
Dimensions(d):	10" (25cm)
Mounts:	Adjustable mount, headache mount, low profile fixed mount
Certifications:	SAE J845 and J595 Class 1 certified, Article 22, CA Title 13 certified

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LIGHTBARS

FLEET SERIES EXTERIOR FULL SIZE LIGHTBARS

LIGHTBARS

DIRECTIONAL
WARNING

PERIMETER
LIGHTING

CONTROL
SYSTEMS

SIRENS &
SPEAKERS

FLASHERS

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Sturdy, dependable construction to work as hard as your work truck.

Product #:	ENRLB***
Features:	Modules can be configured as single or dual color, single color feature direct connect and dual color utilize Windows-based PC application to simplify programming and enhance configurability and control
Functionality:	Single, Dual
Dimensions(w):	36" (91 cm), 42" (107 cm), 48" (122cm), 54" (137cm), 60" (152 cm)
Dimensions(h):	2.55" (6.5 cm)
Dimensions(d):	12" (31 cm)
Mounts:	Standard hook bracket mount with wide angle adjustment wedges, headache rack mount
Certifications:	SAE J845/J595 Class 1 certified, CA Title 13, Class B certified

nROADS Accessories

Auto Dim Retrofit Kit

Includes auto dim sensor board, harnesses, mounting hardware and top cover.

Blue	PNFLBTRDRLBL
Graphite	PNFLBTRDRILGY
Red	PNFLBTRDRLRD
Amber Lexan Cover	PNFLBTRDRLYL

Retrofit Solar Panel Kit

Blue	PNFLBTSGLLBL
Gray	PNFLBTSGLIGY
Red	PNFLBTSGLLRD
Yellow	PNFLBTSGLLYL

Lightbar sold separately.



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FLEET SERIES EXTERIOR FULL SIZE LIGHTBARS

LIGHTBARS

CONNECT-N-GO SYSTEM

Preprogrammed for streamlined installation; choose your lights, connect, and go!



NOTE: This system is ordered only through the configurator.

Product #: ENRLBCNG***

Features: Reduces complexity from choosing varieties of pre-configured lightbar options

Included in the Connect-N-Go system:

- nROADS Fleet Series exterior lightbar and handheld remote controller

Options:

- Four mpower® 4" lights (2 front, 2 rear)
- Two mpower® 4" lights (choice of installation front or rear)
- No mpower® 4" lights



Quick Mount



Single Color

6 LED EMPSCG2QMS2(x)
8 LED EMPSCG2QMS3(x)

Dual Colors

12 LED EMPSCG2QMS4(x)

Stud Mount



Single Color

6 LED EMPSCG2ST2(x)
8 LED EMPSCG2STS3(x)

Dual Colors

12 LED EMPSCG2STS4(x)

Screw Mount



Single Color

6 LED EMPSCG2SMS2(x)
8 LED EMPSCG2SMS3(x)

Dual Colors

12 LED EMPSCG2STS4(x)

Replace (x) in the Order Number for Standard Color Selection

6 or 8 LED Single Color	A= ● B= ● R= ● W= ○
8 or 12 LED Dual Color	D= ●○ E= ●○ F= ●○ J= ●●



*** To order configured products, contact your sales representative or customer service department.

DIRECTIONAL WARNING

PERIMETER LIGHTING

CONTROL SYSTEMS

SIRENS & SPEAKERS

FLASHERS

BEACONS

WORK AREA

LIGHTBARS

EXTERIOR MID & MINI LIGHTBARS



Rugged design with extreme durability.



LIGHTBARS

DIRECTIONAL
WARNING

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LIGHTING

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SYSTEMS

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SPEAKERS

FLASHERS

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WORK
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Product #:	ENRMB***
Features:	Lightbars can be configured as single, dual or tricolor for maximum functionality
Functionality:	Single, Dual, Tri
Flash Patterns:	44 flash patterns; 10 total scene, low power, and cruise modes
Dome Color Options:	Amber, Clear
Dimensions(w):	17.2" (43.7 cm), 24.25" (61.6 cm)
Dimensions(h):	2.83" (7.2 cm)
Dimensions(d):	7.95" (20.2 cm)
Mounts:	Magnetic mount, Standard Permanent mount, Headache Rack mount
Certifications:	J845 Class 2 certified: 3 LED Single and 6 LED Dual Colors, J845 Class 1 certified: 6, 9 and 12 LED Single, 12 LED Dual and 18 LED Tricolors, CA Title 13 certified: Solid Colors (amber, blue or red)

Magnetic with Cig Plug	Color Selections	Dome Colors	SAE J845 Certified
3 LED, Solid Bar	Single Color, Amber/Amber LEDs	Amber	Class 2
3 LED, Solid Bar	Single Color, Amber/Amber LEDs	Clear	Class 2
6 LED, Solid Bar	Single Color, Amber/Amber LEDs	Amber	Class 1
6 LED, Solid Bar	Single Color, Amber/Amber LEDs	Clear	Class 1
6 LED, Split Bar	Single Colors, Amber, Red or White LEDs	Clear	Class 2
12 LED, Split Bar	Dual Colors, Amber, Red or White LEDs	Clear	Class 1
Standard Permanent	Color Selections	Dome Colors	SAE J845 Certified
3 LED, Solid Bar	Single Color, Amber/Amber LEDs	Amber	Class 2
3 LED, Solid Bar	Single Color, Amber/Amber LEDs	Clear	Class 2
6 LED, Solid Bar	Single Color, Amber/Amber LEDs	Amber	Class 1
6 LED, Solid Bar	Single Color, Amber/Amber LEDs	Clear	Class 1
6 LED, Split Bar	Single Colors, Amber, Red or White LEDs	Clear	Class 2
12 LED, Split Bar	Dual Colors, Amber, Red or White LEDs	Clear	Class 1
Headache Rack	Color Selections	Dome Colors	SAE J845 Certified
3 LED, Solid Bar	Single Color, Amber/Amber LEDs	Amber	Class 2
3 LED, Solid Bar	Single Color, Amber/Amber LEDs	Clear	Class 2
6 LED, Solid Bar	Single Color, Amber/Amber LEDs	Amber	Class 1
6 LED, Solid Bar	Single Color, Amber/Amber LEDs	Clear	Class 1
6 LED, Split Bar	Single Colors, Amber, Red or White LEDs	Clear	Class 2
12 LED, Split Bar	Dual Colors, Amber, Red or White LEDs	Clear	Class 1



*** To order configured products, contact your sales representative or customer service department.

EXTERIOR MID & MINI LIGHTBARS



Accessories

Cig Plug Controller (configuration option)	Four Button	PCPNR401
VHB Magnetic Plate Adapter Kit	One VHB pad and metal plate	PNRLBK03

Lightbar and replacement modules sold separately.



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LIGHTBARS

LIGHTBARS

DIRECTIONAL
TURNING

PERIMETER
LIGHTING

CONTROL
SYSTEMS

SIRENS &
SPEAKERS

FLASHERS

BEACONS

WORK
AREA



EXTERIOR 7000 & 7001 MINI LIGHTBARS



A bright safety signal with two handy mounting options.

7000



7100



Product #: 7000 & 7100 Clear Dome	
Features:	Magnetic mount has cig plug with 2-button switch panel (on, off and flash pattern advance)
Functionality:	Single
Flash Patterns:	28
Dimensions(w):	14.16" (36 cm)
Dimensions(h):	1.90" (4.8 cm)
Dimensions(d):	8.27" (21 cm)
Mounts:	Magnetic, permanent and high permanent mounts
Certifications:	7000: SAE J845 Class 1 certified (blue or red solid color LEDs) 7100: SAE J845 Class 1 certified (amber solid color LEDs)

7000 Clear Dome					
Magnetic Mount	Standard Permanent Mount (25 foot cable)		High Permanent Mount (25 foot cable)		
Magnetic with Cig Plug	EPL7M+(x)C	Standard Permanent	EPL7PD(x)C	High Permanent	EPL7HD(x)C
		Standard Permanent	EPL7PF(x)C	High Permanent	EPL7HF(x)C

Replace (x) in the Order Number for Standard Color Selection	
Solid Colors	A= ● B= ● R= ● W= ○ G= ●
Split Colors	D= ●○ E= ●○ F= ●○ J= ●● K= ●● M= ●● H= ●○ L= ●● N= ●● P= ●●

7100 Clear Dome					
Magnetic Mount	Standard Permanent Mount		High Permanent Mount		
Amber LEDs	EPL71M+AC	Amber LEDs	EPL71PDAC	Amber LEDs	EPL71HDAC
Amber/White LEDs	EPL71M+FC	Amber/White LEDs	EPL71PDFC	Amber/White LEDs	EPL71HDFC
Red/Amber LEDs	EPL71M+KC	Red/Amber LEDs	EPL71PDKC	Red/Amber LEDs	EPL71HDKC
Blue/Amber LEDs	EPL71M+MC	Blue/Amber LEDs	EPL71PDMC	Blue/Amber LEDs	EPL71HDMC
Green Solid/Split LEDs	EPL71M+(x)C				

Replace (x) in the Order Number for Standard Color Selection	
Solid Colors	G= ●
Split Colors	D= ●○ E= ●○ F= ●○ J= ●● K= ●● M= ●● H= ●○ L= ●● N= ●● P= ●●

Accessories	
VHB Magnetic Plate Adapter Kit (includes one VHB pad and metal plate)	PNRLBK03
Additional mounting options when using non-magnetic mounting surfaces.	

Lightbar and replacement modules sold separately. Note: 4 (four) plate adapter kits are required for the mini lightbar.

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LIGHTBARS
DIRECTIONAL WARNING
PERIMETER LIGHTING
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WORK AREA



Lower profile and high vehicle fit compatibility than anything else in the market.

Universal, 3 Module

Split, Two-piece - ENFWBFS***



Adjustable plate enables lightbar to fit any windshield.

4 Module

Split, Two-piece - ENFWBFS***

Full, One-piece - ENFWBFF***



Product #:	ENFWBFS***, ENFWBFF***
Features:	Modules are offered in single color 6 or 9 LEDs, dual color 12 LEDs or tricolor 18 LEDs
Functionality:	Single, Dual, Tri
Flash Patterns:	Warning 140+, Takedown 50+, Arrow L/C/R 11
Dimensions(w):	14.3" (36 cm) 3 Module, 20" (51 cm) 4 Module
Dimensions(h):	1" (2.5 cm) 3 & 4 Module
Dimensions(d):	5" (12.7 cm) to 7.5" (19 cm). Each side adjustable 7.5" (19 cm) (universal, each side)
Certifications:	SAE J845



*** To order configured products, contact your sales representative or customer service department.

GRID LIGHT



The industry's first tri-color pod.



1x1 Single Stack



1x1 Dual Stack



2x2 Single Stack



2x2 Dual Stack

Product #:	EMPGL***			
Features:	A Single, dual and tricolor capabilities			
Functionality:	Single, Dual, Tri			
Flash Patterns:	Single & Double: Quint (SAE); Warp, Inter-Cycle; Double (SAE); Quad; Quad Pulse-Pop (SAE/CAIII/KKK/NFPA); Power Pulse; Road Runner (SAE/CAIII); Q-Switch (SAE); Steady Burn + Flash; Roadrunner; Steady Burn + Flash; Quad; Quad 2 and Double 2 Dual & Tricolor: Random 1 & Random 2			
Type:	1x1 Single Stack	1x1 Dual Stack	2x2 Single Stack	2x2 Dual Stack
Dimensions(w):	7.46" (19 cm)	7.46" (19 cm)	11.71" (29.74 cm)	11.71" (29.74 cm)
Dimensions(h):	1.5" (3.8 cm)	2.4" (6.1 cm)	1.5" (3.8 cm)	2.4" (6.1 cm)
Mounts:	Combo Mount Mirror: Combo or flat mount Magnetic: Dual or quad mount			
Certifications:	SAE J595 Class 1 certified, SAE J845 Class 2 certified, CA Title 13 certified, NFPA compliant			



*** To order configured products, contact your sales representative or customer service department.

LIGHTBARS
DIRECTIONAL WARNING
PERIMETER LIGHTING
CONTROL SYSTEMS
SIRENS & SPEAKERS
FLASHERS
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WORK AREA

DIRECTIONAL WARNING



SoundOff Signal IIII®



DIRECTIONAL WARNING

ARROW SYSTEMS

LIGHTBARS

DIRECTIONAL WARNING

PERIMETER LIGHTING

CONTROL SYSTEMS

SIRENS & SPEAKERS

FLASHERS

BEACONS

WORK AREA



Product #: EMPAK*** (with Bracket)

Features: Warning arrow greatly reduces install time through use of 3-wire technology

Configured product includes:

- 3- or 4-module bracket (modules based on vehicle model)
- mpower 4", 3-wire lights (quantity based on vehicle model)
- Power/control harness

NON-BRACKET ARROW SYSTEMS

Product #: EMPAK*** (Non-Bracket)

Features: Warning arrow greatly reduces install time through use of 3-wire technology

Mounts: 6 Module= 6 stud mounts, 8 Module = 8 stud mounts



Arrow Harness Kits

Includes 12" breakout box and harness, two distribution harnesses and a 15 foot power/control harness EMPAKKT01

Includes 36" breakout box and harness, two distribution harnesses and a 15 foot power/control harness EMPAKKT01

6 Module, Tricolor (red/amber/white)

Includes six, 4" Fascia stud mount modules, breakout box and harness, two distribution harnesses and a 15 foot power/control harness EMPAK0098M

Eight Module, Tricolor (red/amber/white)

Includes eight, 4" Fascia stud mount modules, breakout box and harness, two distribution harnesses and a 15 foot power/control harness EMPAK0098N

Product #: EMPAK*** (Bracket and Non-Bracket)

Flash Patterns: Warning 180+, Takedown 50+, Arrow L/C/R 14

Certifications: SAE J595 Class 1 certified, SAE J845 Class 1 certified, CA Title 13, Article 22 compliant

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ARROW SYSTEMS

mpower[®]



Chevrolet bracket shown. Sold in pairs.

LIGHTBARS

DIRECTIONAL
WARNING

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SPEAKERS

FLASHERS

BEACONS

WORK
AREA

Vehicle Specific Accessories (Lights & replacement modules sold separately.)

Brackets	Rear Spoiler, Stud Mounts	
Chevrolet		
	Tahoe 2015-2020, Suburban, Yukon and Yukon XL 2015-2019	
	3 module design	PMP2RSBTH3
	4 module design	PMP2RSBTH4
	Tahoe 2021	
	1 module design	PMP2RS104
	2 module design	PMP2RS204
	3 module design	PMP2RS304
	4 module design	PMP2RS404
Dodge		
	Durango 2018-2020	
	3 module design	PMP2RSBDG3
Ford		
	Expedition 2018-2020	
	1 module design	PMP2RS103
	2 module design	PMP2RS203
	3 module design	PMP2RS303
	4 module design	PMP2RS403
	Explorer/PI Utility 2011-2019	
	1 module design	PMP2RSBUV1
	2 module design	PMP2RSBUV2
	3 module design	PMP2RSBUV3
	4 module design	PMP2RSBUV4
	Explorer/PI Utility 2020	
	1 module design	PMP2RS102
	2 module design	PMP2RS202
	3 module design	PMP2RS302
	4 module design	PMP2RS402
	4 x 2 inch Fascia light, stud mount, 1 module design	PMP2RS101
	4 x 2 inch Fascia light, stud mount, 2 module design	PMP2RS201
	4 x 2 inch Fascia light, stud mount, 3 module design	PMP2RS301
	4 x 2 inch Fascia light, stud mount, 4 module design	PMP2RS401



Front view

Traffic Controller

Product #:	EMPTC***
Features:	Designed for exterior or interior use
Flash Patterns:	Warning 180+, Takedown 50+, Arrow L/C/R 14
Dimensions(w):	26" (66 cm), 38.75" (98 cm), 52" (133 cm), 64.25" (163 cm)
Dimensions(h):	1.6" (3.9 cm)
Dimensions(d):	2.4" (6.2 cm)
Certifications:	SAE J845 Class 1 certified, SAE J595 Class 1 certified, CA Title 13, Article 22 compliant, IP67



*** To order configured products, contact your sales representative or customer service department.

EXTERIOR & INTERIOR DIRECTIONAL WARNING BARS

UltraLITEplus



Exterior



Interior

Exterior Directional Warning

Solid and Split Colors	
2 Module	EL3PDO2A00(x)
4 Module	EL3PDO4A00(x)
8 Module	EL3PD08A00(x)
Single Warning Ends, Amber Center	
8 Module	EL3PD08A10(x)
Single Warning Ends, Amber Center (flashes independent from arrow)	
8 Module	EL3PD08B10(x)
12 Module	EL3PD12A00(x)
Single Warning Ends, Amber Center	
12 Module	EL3PD12A10(x)
Dual Warning Ends, Amber Center	
12 Module	EL3PD12A20(x)

Interior Directional Warning

Solid and Split Colors	
4 Module	EL3PH04A00(x)
8 Module	EL3PH08A00(x)
Single Warning Ends, Amber Center	
8 Module	EL3PH08A10(x)
Single Warning Ends, Amber Center (flashes independent from arrow)	
8 Module	EL3PH08B10(x)
12 Module	EL3PH12A00(x)
Single Warning Ends, Amber Center	
12 Module	EL3PH12A10(x)
Dual Warning Ends, Amber Center	
12 Module	EL3PH12A20(x)
	EL3PZ12A00(x)
Single Warning Ends, Amber Center (flashes independent from arrow)	
12 Module	EL3PH12B10(x)
Dual Warning Ends, Amber Center (flashes independent from arrow)	
12 Module	EL3PH12B20(x)
Windshield Mount	
8 Module	EL3PZO8A00(x)
12 Module	EL3PZ12A00(x)

INTERIOR TRAFFIC CONTROLLER



Solid and Split Colors	
2 Module	EL3PH02A0+(x)
4 Module	EL3PH04A0+(x)

Replace (x) in the Order Number for Standard Color Selection

Solid Colors A= ● B= ● G= ● R= ● W= ○

Split Colors A= ● B= ● R= ● W= ○ D= ● ○ E= ● ○ F= ● ○ H= ● ○ J= ● ● K= ● ● L= ● ● M= ● ● N= ● ● P= ● ●



*** To order configured products, contact your sales representative or customer service department.

DIRECTIONAL WARNING

EXTERIOR DIRECTIONAL WARNING BARS WITH ARROW ENDS

LIGHTBARS

DIRECTIONAL WARNING

PERIMETER LIGHTING

CONTROL SYSTEMS

SIRENS & SPEAKERS

FLASHERS

BEACONS

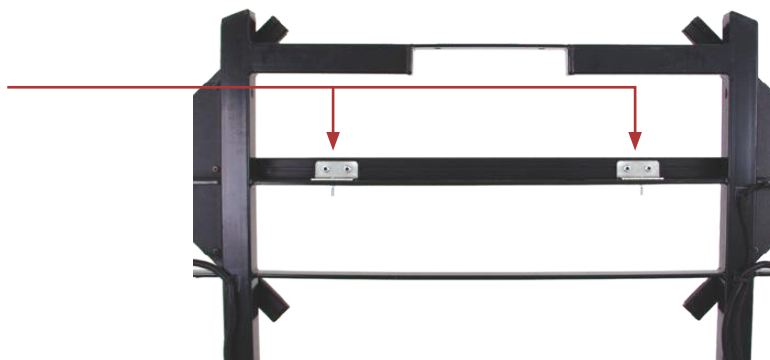
WORK AREA

UltraLITEplus



Product #:	EL3PA12A00A (15 ft. Harness), EL3PA12A01A (25 ft. Harness)
Features:	New addition to our UltraLITEplus product line
Flash Patterns:	Warning, Arrow, or default
Dimensions(w):	51.75" (131.45 cm)
Dimensions(h):	21.5" (54.6 cm)
Dimensions(d):	1.5" (3.8 cm)
Mounting:	Attachment brackets (included)
Certifications:	SAE J595 Class 1 certified, CA Title 13, Article 22 compliant

Back Rack Bracket
Bracket installed in rear of back rack.



Accessories	
Back Rack Bracket Kit Includes two mounting brackets and hardware	PUL3BRM
Features:	Attaches back of arrow to cross bar of the back rack
Directional warning bar and back rack sold separately.	

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

UltraLITEplus

Directional Warning Bars

Product #:	EL3PH***
Features:	<p>Exterior</p> <p>Custom color configurations offered for exterior 4, 8 or 12 module bars</p> <p>Windshield</p> <p>Includes permanent headliner brackets (pair) and 11.5 feet of shielded cable</p> <p>Interior</p> <p>Slim, narrow design is perfect for headliner, dash, windshield or rear deck mounts in all types of vehicles</p>
Flash Patterns: (Suction cup and Headliner Mount)	2 Module: 33 flash patterns; 4 Module: 21 flash patterns; 8 Module: solid colors, 20 arrow or 12 warning, split colors, 19 warning flash patterns or 12 Module: solid colors, 20 arrow or 12 warning, split colors, 19 warning flash patterns
Dimensions(w):	2 Module: 6.9" (18 cm); 4 Module: 13.25" (34 cm); 8 Module: 26" (66 cm) or 12 Module: 38.75" (98 cm)
Dimensions(h):	All modules: 1.5" (3.8 cm)
Dimensions(d):	All modules: 1.5" (3.8 cm)
Suction cup and Headliner Mount	
Dimensions(w):	2 Module: 7" (18 cm); 4 Module: 14.25" (34 cm); 8 Module: 26" (66 cm) or 12 Module: 38.75" (98 cm)
Dimensions(h):	All modules: 1.5" (3.8 cm)
Dimensions(d):	All modules: 3.6" (9.1 cm)
Certifications:	SAE J595 Class 1 certified, Article 22, CA Title 13 compliant

Accessories		
Exterior and Interior		
Brackets	Universal	
	One hole, 1.5 inches, pair	PUL3DGM01
	Two holes, 2 inches, pair	PUL3DGM02
	Three holes, 2.5 inches, pair	PUL3DGM03
	Seven holes, 4 inches, pair	PUL3DGM
Chevrolet	Tahoe	
	Visor, pair	PUL3M02

Directional warning bar sold separately.



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING



SoundOff Signal



PERIMETER LIGHTING

FASCIA LIGHTS



Fascia Lights

Stud Mounts

3"	
4 LED, Single Color	EMPS1SLS1(x)
8 LED, Single or Dual Colors	EMPS1SLS3(x)
12 LED, Tricolor	EMPS1SLS4(xxx)

3" Ford Grille Mount Application

4 LED, Single Color	EMPS1STS1(x)
8 LED, Single or Dual Colors	EMPS1STS3(x)
12 LED, Tricolor	EMPS1STS4(xxx)

4"

6 LED, Single Color	EMPS2STS2(x)
8 LED, Single Color	EMPS2STS3(x)
12 LED, Dual Color	EMPS2STS4(x)
18 LED, Tricolor	EMPS2STS5(xxx)

Flood

6 LED, White LEDs	EMPS202KR-W
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4 x 2

12 LED, Single Color	EMPSA05C0-(x)
16 LED, Single Color	EMPSA05C1-(x)
24 LED, Dual Color	EMPSA05C2-(x)
36 LED, Tricolor, Red/Blue/White	EMPSA05C3-6
36 LED, Tricolor, Red/Blue/White	EMPSA05C3-8

Quick Mounts

3"	
4 LED, Single Color	EMPS1QMS1(x)
8 LED, Single or Dual Colors	EMPS1QMS3(x)
12 LED, Tricolor	EMPS1QMS4(xxx)

4"

6 LED, Single Color	EMPS2QMS2(x)
8 LED, Single Color	EMPS2QMS3(x)
12 LED, Dual Color	EMPS2QMS4(x)
18 LED, Tricolor	EMPS2QMS5(xxx)

Flood

6 LED, White LEDs	EMPS202KE(x)-W
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4 x 2

12 LED, Single Color	EMPSA05BN-(x)
16 LED, Single Color	EMPSA05BS-(x)
24 LED, Dual Color	EMPSA05BT-(x)
36 LED, Tricolor, Red/Blue/White	EMPSA05BU-6
36 LED, Tricolor, Red/Blue/White	EMPSA05BU-8

Screw Mounts

3"	
4 LED, Single Color	EMPS1SMS1(x)
8 LED, Single or Dual Colors	EMPS1SMS3(x)
12 LED, Tricolor	EMPS1SMS4(xxx)

4"

6 LED, Single Color	EMPS2SMS2(x)
8 LED, Single Color	EMPS2SMS3(x)
12 LED, Dual Color	EMPS2SMS4(x)
18 LED, Tricolor	EMPS2SMS5(xxx)

Flood

6 LED, White LEDs	EMPS202KQ-W
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4 x 2

12 LED, Single Color	EMPSA05BVW-(x)
16 LED, Single Color	EMPSA05BX-(x)
24 LED, Dual Color	EMPSA05BY-(x)
36 LED, Tricolor, Red/Blue/White	EMPSA05BZ-6
36 LED, Tricolor, Red/Blue/White	EMPSA05BZ-8



*** To order configured products, contact your sales representative or customer service department.

LIGHTBARS

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FASCIA LIGHTS AND HD LIGHTS



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Fascia Lights & HD Lights

6 LED, Single Color	EMPS4STS2(x)
8 LED, Single Color	EMPS4STS3(x)
12 LED, Dual Color	EMPS4STS4(x)
18 LED, Tricolor	EMPS4STS5(xxx)
Features:	Single, Dual or Tricolor
Light Sync:	24 single sync 2 lighthead
Flash Patterns:	15

Dimensions	3" Stud	4" Stud	4x2 Stud	HD
Length:	3.04" (7.72 cm)	4.04" (10.3 cm)	4.07" (10.34 cm)	4.25" (10.8 cm)
Height:	0.92" (2.3 cm)	0.92" (2.3 cm)	1.5" (3.8 cm)	0.92" (2.3 cm)
Depth:	0.42" (1 cm) (from mounting surface)	0.42" (1 cm) (from mounting surface)	.43" (1.09 cm)	6" (1.5 cm) (from mounting surface)
Dimensions	3" Quick	4" Quick	4x2 Quick	
Length:	3.04" (7.72 cm)	4.04" (10.3 cm)	4.07" (10.34 cm)	
Height:	0.92" (2.3 cm)	0.92" (2.3 cm)	1.5" (3.8 cm)	
Depth:	0.47" (1.2 cm) (from mounting surface)	0.47" (1.2 cm) (from mounting surface)	.47" (17.8 cm)	
Dimensions	3" Screw	4" Screw	4x2 Screw	
Length:	3.52" (8.94 cm)	4.52" (11.4 cm)	4.53" (11.51 cm)	
Height:	0.92" (2.3 cm)	0.92" (2.3 cm)	1.5" (3.8 cm)	
Depth:	0.42" (1 cm) (from mounting surface)	0.42" (1 cm) (from mounting surface)	.43" (1.09 cm)	
Certifications:	SAE J595 and J845 Class 1 certified, CA Title 13, Article 22 compliant, EMC R10.05 (HD light only), ECE R65, R10.05 certified (4x2 light only)			

Replace (x) or (xxx) in the Order Number for Standard Color Selection

4, 6 or 8 LED Single Colors	A= ● B= ● R= ● W= ○
12 or 16 LED Single Colors	A= ● B= ● R= ●
8 or 12 LED Dual Colors	D= ●○ E= ●○ F= ●○ J= ●●
24 LED Dual Colors	D= ●○ E= ●○ F= ●○ J= ●● K= ●● M= ●●
12 or 18 LED Tricolors	RBA = ●●● RBW= ●●○



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

FASCIA & HD LIGHTS



Universal Accessories

(Lights sold separately. Refer to pages 50, 51 and 52 for vehicle specific accessories.)

Fascia Mount Options:		Quick Clip Mount: Quick Clip Bracket
	3", black	PMP1BKQCLP
	4", black	PMP2BKQCLP
		Stud Mount: 90 Degree Adjustable Bracket
	3", black	PMP1BKDGAJ
	3", white	PMP1BKDGAJ-W
	4", black	PMP2BKDGAJ
	4", white	PMP2BKDGAJ-W
	4 x 2	PMPSABKDGAJ
		Stud Mount: 90 Degree Adjustable Edge Bracket
	3", black	PMP1BKEDGE
	3", white	PMP1BKEDGE-W
	4", black	PMP2BKEDGE
	4", white	PMP2BKEDGE-W
Bezels:		Single Bezel, Screw Mount
	4", Black	PMPSABZO1B
	4", Chrome	PMPSABZO1C
	4", Primed	PMPSABZO1P
	4x2, Black	PMPSABZO2P
	4x2, Chrome	PMPSABZO2P
	4x2, Primed	PMPSABZO2P
		Single Bezel, Stud Mount
	HD Light, Black	PMP4BZL01B
	HD Light, Chrome	PMP4BZL01C
	HD Light, Primed	PMP4BZL01P
Brackets:		License Plate, Stud Mount
	3", vertical mount	PMP1BRK2LPV
	4", vertical mount	PMP2BRK2LPV
		Metal
	4 x 2, 90 degree	PMPSADGSB
		Adjustable, Stud Mount
	4 x 2, 90 degree	PMPSABKDGAJ
Frames:		License Plate
	4", quick mount light	PMP2BRK2LPF

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FASCIA & HD LIGHTS



Wedges:	Quick Mounts	
	3", black, 5 degree	PMP1WDG05B
	3", black, 15 degree	PMP1WDG15B
	3", black, 35 degree	PMP1WDG35B
	3", white, 5 degree	PMP1WDG05W
	3", white, 15 degree	PMP1WDG15W
	3", white, 35 degree	PMP1WDG35W
	4", black, 5 degree	PMP2WDG05B
	4", black, 15 degree	PMP2WDG15B
	4", black 35 degree	PMP2WDG35B
	4", white, 5 degree	PMP2WDG05W
	4", white, 15 degree	PMP2WDG15W
	4", white, 35 degree	PMP2WDG35W
	4 x 2, black, 5 degree	PMP8WDGB01
	4 x 2, black, 15 degree	PMP8WDGB02
	4 x 2, black, 35 degree	PMP8WDGB03
	Includes wedge and 3M VHB adhesive	
Rock Mount:	4", stud mount and HD	PMP4BKRLB
Windshield Shrouds:	Stud Mounts, Adjustable 25 to 90 Degrees	
	4", single, black	PMP2WSSSB
	3", dual shroud, black	PMP1WSDDB
	4", dual, black	PMP2WSDDB
	4x2 Single	PMP2WSDDB
	4x2 Double	PMPSAWSDDB
	Narrow	
	3", black	PMP1WSS2B



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

6X4 SILICONE LIGHTS



Light Types



Warning



Backup



Stop/Tail & Turn

Mount Types



Stud Mount



Quick Mount



Screw Mount

mpower 6x4 Inch Silicone Lights

Features:	Powerful lighting output at 180 degree viewing angles perfect for fire and EMS apparatuses
Available Colors:	All standard single, dual or tricolors, split warning, red stop/tail, amber turn or white backup, backup with warning
Flash Patterns:	14, warning, stop/tail, turn, backup, and backup with warning
Dimensions(w):	6.37" (16.17 cm)
Dimensions(h):	4" (10.16 cm)
Dimensions(d):	1.01" (2.56 cm)
Mounts:	Stud, quick or screw mounts
Certifications:	SAE J595 Class 1 certified, CA Title 13 certified, NFPA, KKK-1822-F, FMVSS-108 (backup, stop/tail and turn)



*** To order configured products, contact your sales representative or customer service department.

6X4 SILICONE LIGHTS



Stud Mounts	
Warning	
12 LED, Single Color	EMPSBOC9D-x
Backup	
18 LED, Single Color, White	EMPSBOC9H-W
Stop/Tail	
20 LED, Single Color, Red	EMPSBOC6Y-R
Turn	
20 LED, Single Color, Amber	EMPSBOC9K-A
Backup with Warning, White Backup Operation	
28 LED, Amber Warning	EMPSBOC9J-F
28 LED, Blue Warning	EMPSBOC9J-E
28 LED, Red Warning	EMPSBOC9J-D

Quick Mounts	
Warning	
12 LED, Single Color	EMPSBOC91-x
Backup	
18 LED, Single Color, White	EMPSBOC92-W
Stop/Tail	
20 LED, Single Color, Red	EMPSBOC9B-R
Turn	
20 LED, Single Color, Amber	EMPSBOC9C-A
Backup with Warning, White Backup Operation	
28 LED, Amber Warning	EMPSBOAWTF
28 LED, Blue Warning	EMPSBOAWTE
28 LED, Red Warning	EMPSBOAWTD

Screw Mounts	
Warning	
12 LED, Single Color	EMPSBOC96-x
Backup	
18 LED, Single Color, White	EMPSBOC9A-W
Stop/Tail	
20 LED, Single Color, Red	EMPSBOC9B-R
Turn	
20 LED, Single Color, Amber	EMPSBOC9C-A
Backup with Warning, White Backup Operation	
28 LED, Amber Warning	EMPSBOAWTF
28 LED, Blue Warning	EMPSBOAWTE
28 LED, Red Warning	EMPSBOAWTD

Replace (x) in the Order Number for Standard Color Selection
 Solid Colors A= ● B= ● R= ● W= ○

Universal Accessories

Hardware Kits	
Stud mount	PMP8HK01-ST
Quick mount	PMP7HK01-QM
Screw mount	PMP8HK01-SM
Screw mount, triple and quad	PMP8HK01-BZ
Bezels	
Screw and stud mounts, single, black (includes gasket)	PMP7BZL01B
Screw and stud mounts, single, chrome (includes gasket)	PMP7BZL01C
Screw mount, triple, chrome	PMP7BZL03C
Screw mount, quad, chrome	PMP7BZL04C

Lights sold separately.

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

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7X3 SILICONE LIGHTS



Light Types



Warning



Backup



Stop/Tail & Turn

Mount Types



Stud Mount



Quick Mount



Screw Mount

mpower® 7x3 Silicone Lights

Features:	Powerful lighting output at 180 degree viewing angles perfect for fire and EMS apparatuses
Available Colors:	All standard single, dual or tricolors; split warning; red stop/tail; amber turn; white backup or white backup with amber, blue, green, red or white warning
Flash Patterns:	15
Dimensions(w):	7.18" (18.54 cm)
Dimensions(h):	3" (7.62 cm)
Dimensions(d):	1" (2.54 cm) (without bezel)
Mounts:	Stud, quick or screw mounts
Certifications:	SAE J595 Class 1 certified; CA Title 13 certified; NFPA, KKK-1822-F and FMVSS-108 (backup, stop/tail and turn)

Universal Accessories

Hardware Kits

Stud mount	PMP8HK01-ST
Quick mount	PMP8HK01-QM
Screw mount	PMP8HK01-SM
Screw mount, triple and quad	PMP8HK01-BZ

Bezels

Screw and stud mounts, single, black (includes gasket)	PMP8BZL01B
Screw and stud mounts, single, chrome (includes gasket)	PMP8BZL01C
Screw mount, triple, chrome	PMP8BZL03C
Screw mount, quad, chrome	PMP8BZL04C

Lights sold separately.



*** To order configured products, contact your sales representative or customer service department.

7X3 SILICONE LIGHTS



Stud Mounts	
Warning	
12 LED, Single Color	EMPSCO7MH-(x)
24 LED, Dual Color	EMPSCO7MJ-(x)
24 LED, Split Color	EMPSCO7MK-(x)
36 LED, Tricolor, Red/Blue/Amber	EMPSCO7ML-6
36 LED, Tricolor, Red/Blue/White	EMPSCO7ML-8
Backup	
18 LED, Single Color, White	EMPSCO7MM-W
Backup with Warning	
28 LED, Amber Warning and White Backup Operation	EMPSCO7MN-F
28 LED, Blue Warning and White Backup Operation	EMPSCO7MN-E
28 LED, Red Warning and White Backup Operation	EMPSCO7MN-D
Stop/Tail	
18 LED, Single Color, Red	EMPSCO7MP-R
Turn	
18 LED, Single Color, Amber	EMPSCO7MQ-A

Quick Mounts	
Warning	
12 LED, Single Color	EMPSCO7M0-(x)
24 LED, Dual Color	EMPSCO7M1-(x)
24 LED, Split Color	EMPSCO7M2-(x)
36 LED, Tricolor, Red/Blue/White	EMPSCO7M3-6
36 LED, Tricolor, Red/Blue/Amber	EMPSCO7M3-8
Backup	
18 LED, Single Color, White	MPSCO7M4-W
Backup With Warning	
28 LED, Amber Warning and White Backup Operation	EMPSCO7M5-F
28 LED, Blue Warning and White Backup Operation	EMPSCO7M5-E
28 LED, Red Warning and White Backup Operation	EMPSCO7M5-D
Stop/Tail	
18 LED, Single Color, Red	EMPSCO7M6-R
Turn	
18 LED, Single Color, Amber	EMPSCO7M7-A

Screw Mounts	
Warning	
12 LED, Single Color	EMPSCO7M8-(x)
24 LED, Dual Color	EMPSCO7M9-(x)
24 LED, Split Color	EMPSCO7MA-(x)
36 LED, Tricolor, Red/Blue/Amber	EMPSCO7MB-6
36 LED, Tricolor, Red/Blue/White	EMPSCO7MB-8
Backup	
18 LED, Single Color, White	EMPSCO7MC-W
Backup With Warning	
28 LED, Amber Warning with White Backup Operation	EMPSCO7MD-F
28 LED, Blue Warning with White Backup Operation	EMPSCO7MD-E
28 LED, Red Warning with White Backup Operation	EMPSCO7MD-D
Stop/Tail	
18 LED, Single Color, Red	EMPSCO7ME-R
Turn	
18 LED, Single Color, Amber	EMPSCO7MF-A

Replace (x) in the Order Number for Standard Color Selection

12 LED Single Colors	A= ● B= ● R= ● W= ○
24 LED Dual Colors	D= ●○ E= ●○ F= ●○ J= ●●
24 LED Split Colors	D= ●○ E= ●○ F= ●○ J= ●● K= ●● M= ●●

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

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SL RUNNING LIGHTS



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SL Running Lights

Feature: Expanded offering of lengths and now available in single, dual and dual/split (RBW)

Flash Patterns: Up to 69 flash patterns

Dimensions

Lengths: 15" (38.1 cm), 50" (127 cm), 61.4" (156 cm), 72.8" (184.9 cm)

Height: 1.09" (2.76 cm) (all lengths)

Depth: 0.75" (1.9 cm) (all lengths)

Mount: Bracket mount, brackets sold separately

15" Model (1 module)

Dual color, Amber/Clear ESLRL1501F

Tri-color, Red/Blue/Clear ESLRL15018

Dual color, Blue/Clear ESLRL1501E

Dual color, Red/Clear ESLRL1501D

61.4" Model (5 modules)

Dual color, Amber/Clear ESLRL6105F

Tri-color, Red/Blue/Clear ESLRL61058

Dual color, Blue/Clear ESLRL6105E

Dual color, Red/Clear ESLRL6105D

72.8" Model (6 modules)

Dual color, Amber/Clear ESLRL7306F

Tri-color, Red/Blue/Clear ESLRL73068

Dual color, Blue/Clear ESLRL7306E

Dual color, Red/Clear ESLRL7306D

Additional color and length configurations are available with an extended lead time. Please contact your sales rep to learn more.



*** To order configured products, contact your sales representative or customer service department.

SL RUNNING LIGHTS



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6X4 POLYCARBONATE LIGHTS

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Light Types



Backup & Warning



Stop/Tail & Turn

6x4 Polycarbonate Lights

Features

Powerful lighting output, extremely functional and customizable to get the job done

Available LED Colors: All standard single color warning, red stop/tail, amber turn, white backup or white backup with amber, blue, green, red or white warning

Available Lens Colors: Clear, red, blue, green or amber

Flash Patterns: 1.5 warning and backup with warning, 3 sequential turn patterns, plus steady burn on turn and 1 flicker stop on stop/tail

Dimensions:

Length: 6.4" (16.25 cm)

Height: 3.9" (9.9 cm)

Depth: 1.0" (2.54 cm)

Mounting: Stud or screw mounts

Certifications: SAE J595 Class 1, SAE J595 Class 2 (low power double flash), SAE J595 Class 3 (Green), CA Title 13, NFPA, KKK-1822-F and FMVSS-108 (backup, stop/tail, turn)

6X4 POLYCARBONATE LIGHTS

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Stud Mounts

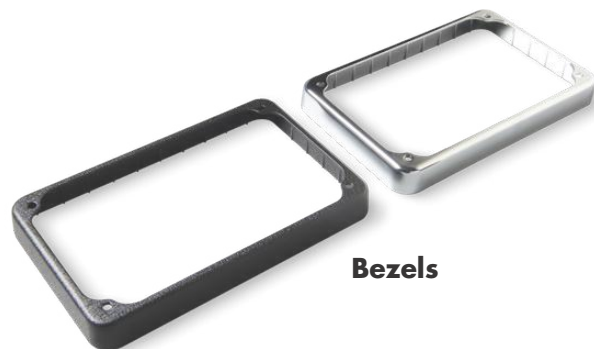
Warning	
12 LED Single Color Amber Warning, Clear Lens	EPSSBQJXA-A
12 LED Single Color Blue Warning, Clear Lens	EPSSBQJXA-B
12 LED Single Color Green Warning, Clear Lens	EPSSBQJXA-G
12 LED Single Color Red Warning, Clear Lens	EPSSBQJXA-R
12 LED Single Color White Warning, Clear Lens	EPSSBQJXA-W
12 LED Single Color Amber Warning, Amber Lens	EPSSBQJXB-A
12 LED Single Color Blue Warning, Blue Lens	EPSSBQJXC-B
12 LED Single Color Green Warning, Green Lens	EPSSBQJXD-G
12 LED Single Color Red Warning, Red Lens	EPSSBQJXE-R
Backup, Stud Mount	
18 LED White Backup, Clear Lens	EPSSBQJXF-W
Stop/Tail, Stud Mount	
20 LED Red STT, Clear Lens	EPSSBQJXG-R
20 LED Red STT, Red Lens	EPSSBQJXH-R
Turn, Stud Mount	
20 LED Amber Turn, Clear Lens	EPSSBQJXI-A
20 LED Amber Turn, Amber Lens	EPSSBQJXK-A

Screw Mounts

Warning	
12 LED Single Color Amber Warning, Clear Lens	EPSSBQJWZ-A
12 LED Single Color Blue Warning, Clear Lens	EPSSBQJWZ-B
12 LED Single Color Green Warning, Clear Lens	EPSSBQJWZ-G
12 LED Single Color Red Warning, Clear Lens	EPSSBQJWZ-R
12 LED Single Color White Warning, Clear Lens	EPSSBQJWZ-W
12 LED Single Color Amber Warning, Amber Lens	EPSSBQJX1-A
12 LED Single Color Blue Warning, Blue Lens	EPSSBQJX2-B
12 LED Single Color Green Warning, Green Lens	EPSSBQJX3-G
12 LED Single Color Red Warning, Red Lens	EPSSBQJX4-R
Backup, Screw Mount	
18 LED White Backup, Clear Lens	EPSSBQJX5-W
Stop/Tail, Screw Mount	
20 LED Red STT, Clear Lens	EPSSBQJX6-R
20 LED Red STT, Red Lens	EPSSBQJX7-R
Turn, Screw Mount	
20 LED Amber Turn, Clear Lens	EPSSBQJX8-A
20 LED Amber Turn, Amber Lens	EPSSBQJX9-A

Accessories

Hardware Kits	
Screw Mount Kit	PPS8HK01-SM
Stud Mount Kit	PPS8HK01-ST
Bezels	
Black Bezel Hardware Kit	PMP8HK02-BZ
Chrome Bezel Hardware Kit	PPS8HK01-BZ
Single Bezel Kit: Black	PPS7BZL01B
Single Bezel Kit: Chrome	PPS7BZL01C
Screw Mount Quad Chrome	PMP7BZL04C
Screw Mount Triple Chrome	PMP7BZL03C



Bezels



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

7X3 POLYCARBONATE LIGHTS

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Light Types



Backup & Warning



Stop/Tail & Turn

7x3 Polycarbonate Lights

Features

Powerful lighting output, extremely functional and customizable to get the job done

Available LED Colors:	All standard single color warning, red stop/tail, amber turn, white backup or white backup with amber, blue, green, red or white warning
Available Lens Colors:	Clear, red, blue, green or amber
Flash Patterns:	1.5 warning and backup with warning, 3 sequential turn patterns, plus steady burn on turn and 1 flicker stop on stop/tail
Dimensions:	
Length:	7.25" (18.41 cm)
Height:	3.1" (7.87 cm)
Depth:	1.0" (2.54 cm)
Mounting:	Stud or screw mounts
Certifications:	SAE J595 Class 1, SAE J595 Class 2 (low power double flash), SAE J595 Class 3 (Green), CA Title 13, NFPA, KKK-1822-F and FMVSS-108 (backup, stop/tail, turn)

7X3 POLYCARBONATE LIGHTS

LIGHTBARS

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Stud Mounts	
Warning	
12 LED Single Color Warning, Clear Lens (x = A, B, G, R, W)	EPSSCQJX-(x)
12 LED Single Color Amber Warning, Amber Lens	EPSSCQJXU-A
12 LED Single Color Blue Warning, Blue Lens	EPSSCQJXV-B
12 LED Single Color Green Warning, Green Lens	EPSSCQJXX-G
12 LED Single Color Red Warning, Red Lens	EPSSCQJXY-R
Backup, Stud Mount	
18 LED White Backup, Clear Lens	EPSSCQJXZ-W
Stop/Tail, Stud Mount	
18 LED Red STT, Clear Lens	EPSSCQJYO-R
18 LED Red STT, Red Lens	EPSSCQJY1-R
Turn, Stud Mount	
18 LED Amber Turn, Clear Lens	EPSSCQJY2-A
18 LED Amber Turn, Amber Lens	EPSSCQJY3-A

Screw Mounts	
Warning	
12 LED Single Color Warning, Clear Lens (x = A, B, G, R, W)	EPSSCQJY4-(x)
12 LED Single Color Amber Warning, Amber Lens	EPSSCQJY5-A
12 LED Single Color Blue Warning, Blue Lens	EPSSCQJY6-B
12 LED Single Color Green Warning, Green Lens	EPSSCQJY7-G
12 LED Single Color Red Warning, Red Lens	EPSSCQJY8-R
Backup, Screw Mount	
18 LED White Backup, Clear Lens	EPSSCQJYA-W
Stop/Tail, Screw Mount	
18 LED White STT, Clear Lens	EPSSCQJYB-R
18 LED Red STT, Red Lens	EPSSCQJYC-R
Turn, Screw Mount	
18 LED Amber Turn, Clear Lens	EPSSCQJYD-A
18 LED Amber Turn, Amber Lens	EPSSCQJYE-A

Accessories	
Hardware Kits	
Stud Mount Kit	PPS8HK01-ST
Screw Mount Kit	PPS8HK01-SM
Bezels	
Single Bezel Kit: Black	PPS8BZL01B
Single Bezel Kit: Chrome	PPS8BZL01C
Chrome Bezel Hardware Kit	PPS8HK01-BZ
Black Bezel Hardware Kit	PPS8HK02-BZ
Screw Mount Quad Chrome	PMP8BZL04C
Screw Mount Triple Chrome	PMP8BZL03C



Bezels

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

SURFACE, DECK/GRILLE & RECESS MOUNTS



Surface Mounts

Single		Dual Stacked	
6 LED, Single or Split Colors	ENFSSS1(x)	6 LED, Single or Split Colors	ENFDSS1(xx)
9 LED, Single Color	ENFSSS2(x)	9 LED, Single Color	ENFDSS2(xx)
9 LED, Single Color, Amber, High Output	ENFSSS2A-PC	9 LED, Single Color, Amber/Amber, High Output	ENFDSS2AA-PC
9 LED, Single Color, 10-30 Vdc, Xylex Lens	ENFSSE2(x)	9 LED, Single Color, 10-30 Vdc, Xylex Lens	ENFDSE2(xx)
12 LED, Single or Dual Colors	ENFSSS3(x)	12 LED, Single or Dual Colors	ENFDSS3(xx)
18 LED, Tricolor	ENFSSS4(***)	18 LED, Tricolor	ENFDSS4(***)



Deck/Grille Mounts

Single		Dual Side-by-Side	
6 LED, Single or Split Colors	ENFSGS1(x)	6 LED, Single or Split Colors	ENFDGS1(xx)
9 LED, Single Color	ENFSGS2(x)	9 LED, Single Color	ENFDGS2(xx)
9 LED, Single Color, Amber, High Output	ENFSGS2A-PC	9 LED, Single Color, Amber/Amber, High Output	ENFDGS2AA-PC
9 LED, Single Color, 10-30 Vdc, Xylex Lens	ENFSGE2(x)	9 LED, Single Color, 10-30 Vdc, Xylex Lens	ENFDGS2AA-PC
12 LED, Single or Dual Colors	ENFSGS3(x)	12 LED, Single or Dual Colors	ENFDGS3(xx)
18 LED, Tricolor	ENFSGS4(***)	18 LED, Tricolor	ENFDGS4(***)



Recess Mounts

Recess		6 Inch Oval	
6 LED, Single or Split Colors	ENFSRS1(x)	6 LED, Single or Split Colors	ENFSRV1(x)
9 LED, Single Color	ENFSRS2(x)	9 LED, Single Color	ENFSRV2(x)
9 LED, Single Color, 10-30 Vdc, Xylex Lens	ENFSRE2(x)	9 LED, Single Color, Amber, High Output	ENFSRV2A-PC
12 LED, Single or Dual Colors	ENFSRS3(x)	12 LED, Single or Dual Colors	ENFSRV3(x)
18 LED, Tricolor	ENFSRS4(***)		

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

LIGHTBARS

DIRECTIONAL WARNING

PERIMETER LIGHTING

CONTROL SYSTEMS

SIRENS & SPEAKERS

FLASHERS

BEACONS

WORK AREA

WINDSHIELD MOUNTS



LIGHTBARS

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Windshield Mounts

Single, Stacked Mount
Includes shroud, bracket and bare wires

6 LED, Single or Dual Colors	ENFSWP1(x)
9 LED, Single Color	ENFSWP2(x)
9 LED, Single Color, Amber, High Output	ENFSWP2A-PC
12 LED, Single or Dual Colors	ENFSWP3(x)
18 LED, Tricolor	ENFSWP4(xxx)

Dual Side-by-Side, Permanent Mount
Includes shroud, bracket and bare wires

6 LED, Single or Dual Colors	ENFDWP1(xx)
9 LED, Single Color	ENFDWP2(xx)
9 LED, Single Color, Amber/Amber, High Output	ENFDWP2AA-PC
12 LED, Single or Dual Colors	ENFDWP3(xx)
18 LED, Tricolor	ENFDWP4(xxx)

Single, Suction Cup Mount
Includes shroud, bracket and 12 volt cig plug with 11.5' cord

6 LED, Single or Split Colors	ENFSWS1(x)
9 LED, Single Color	ENFSWS2(x)
9 LED, Single Color, Amber, High Output	ENFSWS2A-PC
12 LED, Single or Dual Colors	ENFSWS3(x)
18 LED, Tricolor	ENFSWS4(xxx)

Dual Side-by-Side, Suction Cup Mount
Includes shroud, bracket and 12 volt cig plug with 11.5' cord

6 LED, Single or Dual Colors	ENFDWS1(xx)
9 LED, Single Color	ENFDWS2(xx)
9 LED, Single Color, Amber/Amber, High Output	ENDWS2AA-PC
12 LED, Single or Dual Colors	ENDWS3(xx)
18 LED, Tricolor	ENFDWS4(xxx)

Replace (x), (xx) or (xxx) in the Order Number for Standard Color Selection

6, 9, 12 LED Single Colors	A= ● B= ● R= ● W= ○	6 Inch Oval Recess Mount	A= ● W= ○
6 LED Split Color	D= ●○ E= ●○ F= ●○ J= ●●	6 Inch Oval Recess Mount	D= ●○ F= ●○
12 LED Dual Colors	D= ●○ E= ●○ F= ●○ J= ●●	6 Inch Oval Recess Mount	D= ●○ F= ●○
18 LED Tricolors		6 Inch Oval Recess Mount	Not available



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

SURFACE, DECK/GRILLE, RECESS & WINDSHIELD MOUNTS



LIGHTBARS

DIRECTIONAL WARNING

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nFORCE Windshield Mounts

Features:	Single, split, dual or tricolor capability (tricolor is not available for the 6 inch oval recess mount)
Light Sync:	24 single sync 2 lighthead
Flash Patterns:	12 single, 14 dual or 14 tricolor patterns (tricolor is not available for the 6 inch oval recess mount)

Dimensions:	Surface Mount, Single
Length	5.0" (12.7 cm)
Height	1.72" (4.3 cm)
Depth	1.50" (3.8 cm)
Dimensions:	Surface Mount, Dual Stacked
Length	5.0" (12.7 cm)
Height	3.13" (7.9 cm)
Depth	1.5" (3.8 cm)
Dimensions:	Deck/Grille Mount, Single
Length	5.0" (12.7 cm)
Height	1.88" (4.7 cm)
Depth	1.82 (4.3 cm)
Dimensions:	Deck/Grille Mount, Dual Side-by-Side
Length	9.50" (24.1 cm)
Height	1.88" (4.7 cm)
Depth	1.82" (4.3 cm)

Recess Mount	
Length	5.25" (13.34 cm)
Height	2.25" (5.72 cm)
Depth	1.50" (3.8 cm)
Windshield Mount, Single	
Length	6.80" (17.27cm)
Height	1.43" (3.6 cm)
Depth	1.43" (3.6 cm)
Windshield Mount, Dual Side-by-Side	
Length	11.35" (28.8 cm)
Height	1.43" (3.6 cm)
Depth	5" (12.7 cm)

Certifications:	SAE J595, Class 1 certified and CA Title 13, Article 22 compliant, EMC 72/245/EEC certified and ECE R65 Category X, Class 2 certified (ECE R65 can only be specified with 9 LED, single color) (surface, deck/grille and recess mounts only)
Windshield Mount Certifications:	SAE J595, Class 1 certified (not amber) and CA Title 13, Article 22 compliant, EMC 72/245/EEC certified

nFORCE Universal Accessories

License Plate	Surface horizontal mount	PNFSLBRK2LPH
	Surface vertical mount	PNFSLBRK2LPV
90 Degree Angle	Surface horizontal mount	PNFSLBRK190
Deck/Grille Mount	Single	PNFSLDGSB
	Dual	PNFSLDGDB

Lights sold separately. Refer to pages 50, 51 and 52 for vehicle specific accessories.

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

UNDER MIRROR & SURFACE MOUNT LIGHTS



Under Mirror Mount

Features: Light includes 0, 5, 10 and 15 degree mounting wedges and foam gasket

Surface Mount

Features: No other light offers 180 degree output - specially designed reflector amplifies and throws the light at the perfect angle to increase visibility at intersections

Light Sync:	Up to 24 lights using Sync2 Technology can be connected together
Flash Patterns:	12 single, 14 dual or 14 tricolor
Dimensions(w):	2.9" (7.4 cm)
Dimensions(h):	1.9" (4.8 cm)
Dimensions(d):	2.9" (7.4 cm)
Mounting:	Under mirror or surface mount
Certifications:	SAE J845 Class 1 WS3-1 (100) certified (green is class 3 certified) ECE R10.05 certified

Under Mirror Mount

8 LED, Single Color	ENT2B3(x)
8 LED, Single Color, Xylex Lens	ENT2B3(x)-EU
16 LED, Dual Color	ENT2B3(y)
16 LED, Dual Color, Xylex Lens	ENT2B3(y)-EU
18 LED, Tricolor	ENT2B3(xxx)

Surface Mount

8 LED, Single Color, Black Housing	ENT3B3(x)
8 LED, Single Color, Chrome Housing	ENT3C3(x)
8 LED, Single Color, White Housing	ENT3W3(x)
16 LED, Dual Color, Black Housing	ENT3B3(y)
16 LED, Dual Color, Chrome Housing	ENT3C3(y)
16 LED, Dual Color, White Housing	ENT3W3(y)
18 LED, Tricolor, Black Housing	ENT3B3(xxx)
18 LED, Tricolor, Chrome Housing	ENT3C3(xxx)
18 LED, Tricolor, White Housing	ENT3W3(xxx)

Replace (x), (y) or (xxx) in the Order Number for Standard Color Selection

8 LED Single Colors (x)	A= ● B= ● G= ● R= ● W= ○
16 LED Dual Color (y)	D= ●○ E= ●○ F= ●○ J= ●● K= ●● L= ●● M= ●● N= ●● P= ●●
18 LED Tricolors (xxx)	BAG= ●●● BAW= ●●○ BGW= ●●○ GAW= ●●○ RAG= ●●● RAW= ●●○ RBA= ●●● RBW= ●●○ RBG= ●●● RGW= ●●○

Intersector Universal Accessories

Under Mirror	Installation Mount (includes bracket and screws)	PNT1VRRT
Surface Adaptors	Under Mirror, Curved (sold in pairs)	PNT1CRV01

Lights sold separately. Refer to pages 50, 51 and 52 for vehicle specific accessories.

● ● ● ● ○ *** To order configured products, contact your sales representative or customer service department.

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PERIMETER LIGHTING

ML6 FLUSH MOUNT LIGHT



ML6 Flush Mount Light

Single Colors	EML6E20(x)
Dual Colors	EML6E20(xx)
Features:	Compact, flush-mount emergency light to fit seamlessly into any vehicle design
Light Sync:	ML6 Lights
Dimensions(w):	1.38" (3.5 cm)
Dimensions(h):	1.38" (3.5 cm)
Dimensions(d):	1.18" (2.99 cm)
Certifications:	SAE J595, Class 1 certified (single colors), SAE J595, Class 2 certified (dual colors), ECE R65, Class 1, ECE R10.05 certified (amber, blue and red single colors), ECE R10.05 certified (white, single color), ECE R10.05 certified (dual colors)

Replace (x) or (xx) in the Order Number for Standard Color Selection

Single Colors (x)	A= ● B= ● R= ● W= ○
Dual Colors (xx)	AW= ●○ BA= ●● BW= ●○ GA= ●● RA= ●● RB= ●● RW= ●○

LIGHTBARS

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WORK AREA

GHOST SURFACE & DECK/GRILLE MOUNTS



Surface Mounts

Single

Black Housing, 10-16 Vdc	EGHST2(x)B-12
Chrome Housing, 10-16 Vdc	EGHST2(x)C-12
White Housing, 10-16 Vdc	EGHST2(x)W-12
Black Housing, 10-30 Vdc	EGHST2(x)
Chrome Housing, 10-30 Vdc	EGHST2(x)C
White Housing, 10-30 Vdc	EGHST2(x)W

ECE R65 Certified, Xylex Lens

Black Housing, 10-16 Vdc	EGHSTE2(x)B-EU
Chrome Housing, 10-16 Vdc	EGHSTE2(x)C-EU
White Housing, 10-16 Vdc	EGHSTE2(x)W-EU

ECE R65/EMC Certified

Black Housing, 10-30 Vdc	EGHSTE2(x)B
Chrome Housing, 10-30 Vdc	EGHSTE2(x)C
White Housing, 10-30 Vdc	EGHSTE2(x)W

Amber, blue or red LED solid color options only on certified lights

Single Stop/Tail

Black Housing, 10-30 Vdc	EGHSTT2(x)B
Black Housing, 10-30 Vdc	EGHSTT2(x)B
Chrome Housing, 10-30 Vdc	EGHSTT2(x)C
White Housing, 10-30 Vdc	EGHSTT2(x)W
White Housing, 10-30 Vdc	EGHSTT2(x)W



Single Spot

Black Housing, 10-30 Vdc	EGHSTS2W
Chrome Housing, 10-30 Vdc	EGHSTS2WC
White Housing, 10-30 Vdc	EGHSTS2WW

White LED, solid color

Deck/Grills Mounts

Single Multi

Black Housing, 10-16 Vdc	EGHST1(x)-12
White Housing, 10-16 Vdc	EGHST1(x)W-12
Black Housing, 10-30 Vdc	EGHST1(x)
White Housing, 10-30 Vdc	EGHST1(x)W

ECE 65/EMC Certified

Black Housing, 10-16 Vdc	EGHSTE1(x)B
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ECE 65/EMC Certified

White Housing, 10-16 Vdc	EGHSTE1(x)W
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Xylex Lens

Black Housing, 10-16 Vdc	EGHSTE1(x)B-EU
White Housing, 10-16 Vdc	EGHSTE1(x)W-EU

Amber, blue or red LED solid color options only on xylex lens lights



Single Stop/Tail Multi

Black Housing, 10-16 Vdc	EGHSTTR
White Housing, 10-16 Vdc	EGHSTTRW

Red LED, solid color

Single Spot Mount

Black Housing, 10-30 Vdc	EGHSTS1W
White Housing, 10-30 Vdc	EGHSTS1WW

White LED, solid color



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

GHOST RECESS MOUNT LIGHTS



Ghost Universal Accessory

Rock Mount	Deck/Grille (includes mounting hardware)	PMP4BKRKLB
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Lights sold separately. Refer to pages 50, 51 and 52 for vehicle specific accessories.



Recess Mounts

Single Mount

Black Housing, 10-16 Vdc	EGHST5(x)B-12
Chrome Housing, 10-16 Vdc	EGHST5(x)C-12
Black Housing, 10-30 Vdc	EGHST5(x)B
Chrome Housing, 10-30 Vdc	EGHST5(x)C

ECE R65/EMC Certified, Xylex Lens

Black Housing, 10-30 Vdc	EGHSTE5(x)B-EU
Chrome Housing, 10-30 Vdc	EGHSTE5(x)C-EU
Black Housing, 10-30 Vdc	EGHSTE5(x)B

ECE R65/EMC Certified

Chrome Housing, 10-30 Vdc	EGHSTE5(x)C
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Amber, blue or red LED solid color options only on certified lights

Single Stop/Tail Mount

Black Housing, 10-30 Vdc	EGHSTT5(x)B
Chrome Housing, 10-30 Vdc	EGHSTT5(x)C

Single Spot Mount

Black Housing, 10-30 Vdc	EGHSTS2WB
Chrome Housing, 10-30 Vdc	EGHSTS2WC

White LED, solid color

Replace (x) in the Order Number for Standard Color Selection

Solid Colors A= ● B= ● G= ● R= ● W= ○

Split Colors A= ● B= ● G= ● R= ● W= ○ D= ●○ E= ●○ F= ●○ J= ●● K= ●●● L= ●●●
M= ●●● N= ●●● P= ●●●

Ghost Recess Mounts

Features:	Fits almost anywhere with premium optics offer optimal power and brightness		
Light Sync:	4 single sync, 1 lighthead		
Flash Patterns:	33 flash patterns		
Dimensions:	Single Multi, Single Stop Tail Multi, Single Spot	Rock	
Length:	5.7" (14 cm)	5.4" (14 cm)	
Height:	1.06" (2.7 cm)	2.4" (6.1 cm)	
Depth:	1.8" (4.6 cm)	1" (2.5 cm)	
Mounting:	Multi	Rock	Stop/Tail
Length:	4" (10 cm)	4.8" (12 cm)	Includes two mounting options; permanent and 3M adhesive mounts
Height:	0.9" (2.3 cm)	2" (5.1 cm)	
Depth:	1.8" (4.6 cm)	1.6" (4.1 cm)	
Certifications:	SAE J595 Class 1 certified, CA Title 13, Article 22 compliant, EMC certified, 72/245/EEC, ECE R65, Category X, Class 1 certified		

UNIVERSAL UNDERCOVER LED INSERT



Universal UnderCover LED Insert

With 10 feet cable length:	ELUC3H010(x)	
With 25 feet cable length:	ELUC3H025(x)	
Features:	Features separate color control capability	
Light Sync:	24 single, sync 2 lighthead	
Flash Patterns:	12 single color or 14 dual color	
Dimensions:	Insert	Bezel
Length:	2.2" (5.6 cm)	2.2" (5.6 cm)
Depth:	0.9" (2.3 cm)	1.65" (4.2 cm)
Diameter:	1.5" (3.8 cm)	2.2" (5.6 cm)
Mounting:	Headlight and taillight mounts into 1" diameter cutout, Screw-in surface mount with optional bezel, Bezel mounts on 1.89" (4.8 cm) centers, Twist-in or push-in options are also available	

Universal UnderCover - Universal Accessory

Bezels	Black (includes mounting gasket and hardware)	PLUC2HSB
	Chrome (includes mounting gasket and hardware)	PLUC2HSC
	White (includes mounting gasket and hardware)	PLUC2HSW
Lens	Extreme angle	PLUC2LN1E
	Horizontal	PLUC2LN1H
	Vertical	PLUC2LN1V

Light and replacement modules sold separately.



*** To order configured products, contact your sales representative or customer service department.

PERIMETER LIGHTING

WARNING MARKER AND RECESS LIGHTS



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WORK AREA

Marker

2", Round

Amber LEDs/Amber Lens ECVML202Y
Grommet and Mating Harness

Red LEDs/Red Lens ECVML202R
Grommet and Mating Harness

Amber LEDs/Amber Lens ECVML203Y
Integrated Waterproof Flange Mount

Red LEDs/Red Lens ECVML203R
Integrated Waterproof Flange Mount

2 1/2", Round

Amber LEDs/Amber Lens ECVML252Y
Grommet and Mating Harness

Red LEDs/Red Lens ECVML252R
Grommet and Mating Harness

Amber LEDs/Amber Lens ECVML252Y-D
Grommet and Deutsche Connector

Red LEDs/Red Lens ECVML252R-D
Grommet and Deutsche Connector

Amber LEDs/Amber Lens ECVML252Y-D24V
24 Volt with Grommet and Deutsche Connector

Red LEDs/Red Lens ECVML252R-D24V
24 Volt with Grommet and Deutsche Connector



License Plate, Compact

Standard ECVLPBLED

Deutsch Connector ECVLPBLED-D

Certifications: 2" & 2 1/2": FMVSS 108 certified; Sidemarker Lamp, P2 rated; Clearance, Sidemarker and LD Lamp, P3 rated; SAE J592 and J2042 certified
License Plate: FMVSS 108 certified and SAE J587 certified



Recess

4", Round

Amber LEDs/Clear Lens ERDREBZA
Certifications: SAE J595 certified and California Title 13, certified compliant

6", Oval

Amber LEDs/Clear Lens EOVREBZA
Certifications: SAE J595 Class 1 certified

Warning Marker - Universal Accessory

Dress Ring: Recess, 6 inch oval chrome ECV06CHRM

Light sold separately.



CHEVROLET VEHICLE SPECIFIC PERIMETER ACCESSORIES

mpower® Fascia

Bracket Kits	Rear Spoiler, Stud Mounts	
	Tahoe, 2015-2020	
	4", 3 lights per passenger and driver side	PMP2RSBTH3
	4", 4 lights per passenger and driver side	PMP2RSBTH4
	Under Mirror Mounts	
	Silverado, 2018 and 2019	
	3", stud and quick mount	PMP1BKUMB2
	Tahoe, 2015-2020	
	3", stud and quick mount	PMP1BKUMB3
	3" and 4", stud and quick mount, driver side	PNT3BKUMB3-D
	3" and 4", stud and quick mount, passenger side	PNT3BKUMB3-P
	GMC Sierra, 2018 and 2019	
	3", stud and quick mount	PMP1BKUMB2

nFORCE®

Bracket Kits	Rear Spoiler, Surface Mounts	
	Tahoe, 2015-2020	
	Rear spoiler, single	PNFSLRSBUVS
	Tahoe, 2015-2020	
	Behind grille, passenger and driver side	PNFSLDGSB-TH
Bracket	Tahoe, 2015-2020	
	Front deck/grille, driver and passenger side	PGHSTDGSB-TH
Fog Light Kit	Surface Mount	
	Tahoe, 2015-2020	
	Fog light bezels, mounting plates and hardware, driver and passenger side	PNFSLFLKTTH

Intersector

Bracket Kits	Under Mirror Mounts	
	Tahoe, 2015-2020	
	Surface mount, driver	PNT3BKUMB3-D
	Surface mount, passenger	PNT3BKUMB3-P
Brackets	Deck/Grille Mounts	
	Tahoe, 2015-2020	
	Spoiler bracket	PNT3DGBB-TH
	Mount	PNT3DGBB
Surface Adaptor	Under mirror	
	Caprice, 2011-2017	
	Curved, sold in pairs	PNT1CRV02

GHOST®

Brackets	Single Surface Mount	
	Tahoe, 2015-2020	
	Behind the grille installation, driver and passenger side	PNFSLDGSB-TH
	Vertical license plate installation	PNFSLBRK2LPV
	Single Deck/Grille Mount	
	Tahoe, 2015-2020	
	Front deck/grille, driver and passenger side	PGHSTDGSB-TH

Lights and modules sold separately.

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FORD VEHICLE SPECIFIC PERIMETER ACCESSORIES

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mpower® Fascia

Bracket Kits	Rear Spoiler, Stud Mounts	
Expedition, 2018-2021		
	4", one light per driver and passenger side	PMP2RS103
	4", 2 lights per driver and passenger side	PMP2RS203
	4", 3 lights per driver and passenger side	PMP2RS303
	4", 4 lights per driver and passenger side	PMP2RS403
PI Utility, 2020 and 2021		
	4", one light per driver and passenger side	PMP2RS102
	4", 2 lights per driver and passenger side	PMP2RS202
	4", 3 lights per driver and passenger side	PMP2RS302
	4", 4 lights per driver and passenger side	PMP2RS402
	Hardware kit, mpower arrow	PMPAKH05
	3 and 4 light configurable arrow kit options. Contact your sales representative.	
	4 x 2, one light per driver and passenger side	PMP2RS101
	4 x 2, 2 lights per driver and passenger side	PMP2RS201
	4 x 2, 3 lights per driver and passenger side	PMP2RS301
	4 x 2, 4 lights per driver and passenger side	PMP2RS401
	Hardware kit, mpower arrow	PMPAKH04
Under Mirror Mount		
PI Utility, 2020		
	3" and 4", stud and quick mount, driver and passenger side	PMP2BKUMB4
PI Utility, 2015-2019		
	4", one light per driver and passenger side	PMP2RSBUV1
	4", 2 lights per driver and passenger side	PMP2RSBUV2
	4", 3 lights per driver and passenger side	PMP2RSBUV3
	4", 4 lights per driver and passenger side	PMP2RSBUV4

nFORCE®

Brackets	Rear Spoiler, Surface Mounts	
PI Utility, 2011-2020		
	Rear spoiler, single	PNFSLRSBUVS
PI Utility, 2011-2020		
	Dual, driver side	PNFSLRSBUVD
	Dual, passenger side	PNFSLRSBUVP
PI Utility, 2011-2017		
	Dual, driver and passenger side	PNFSLRSBTH
	45 Degree Angle, Surface Mount	
PI Utility, 2011-2017		
	Horizontal mount	PNFSLBRK145

Intersector

Bracket Kits	PI Utility, 2016-2019	PMP2BKUMB1
	PI Utility, 2020	PMP2BKUMB4
Surface Adaptor	Under Mirror	
	Explorer, 2013-2017	PNT1CRV05
	Sedan, 2013-2017	PNT1CRV04

mpower® Fascia

Bracket Kits	Rear Spoiler, Stud Mounts	
	Durango, 2011-2020	
	4"	PMP2RSBDG3
	Under Mirror Mounts	
	Durango, 2016-2021	
	3" and 4", stud and quick mount	PNT3BKUMB4
	Durango, 2018-2020	
	3", stud and quick mount	PMP1BKUMB1
	Ram 1500 Classic, 2014-2020	
3" and 4", stud and quick mount, driver side	PNT3BKUMB2-D	
3" and 4", stud and quick mount, passenger side	PNT3BKUMB2-P	

Intersector

Bracket Kits	Under Mirror Mounts	
	Durango, 2016-2021	PNT3BKUMB4
	Durango, 2018-2020	PMP1BKUMB1
	Ram 1500 Classic, 2014-2020	
	Surface mount, driver	PNT3BKUMB2-D
	Surface mount, passenger	PNT3BKUMB2-P
Surface Adaptor	Under mirror	
	Charger, 2011-2020	PNT1CRV03
	Durango, 2013-2019	PNT1CRV06

CONTROL SYSTEMS



SoundOff Signal



bluePRINT® 3 Control System

LIGHTBARS

DIRECTIONAL
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SYSTEMS

SIRENS &
SPEAKERS

FLASHERS

BEACONS

WORK
AREA

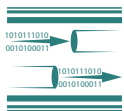
Take Total Control of Your Warning System!



bluePRINT provides benefits for installers as well. Upfits become more standardized, reliability is improved and accessories like relays, diodes, timers and fuse blocks are often eliminated. bluePRINT's LINK, a plug-n-play CANbus interface, protects vehicle circuit integrity by eliminating the time and risk of modifying original vehicle wiring.

A bluePRINT-equipped vehicle is state-of-the-art and uses vehicle data and other inputs to inform and modify the warning system profile in real time. Agencies benefit with improved policy and law compliance, situation-specific warning profiles, automatic dimming and flash rate adjustments and diagnostics.

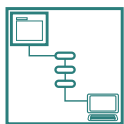
SoundOff lightbars integrate fully and easily into the system. Secondary lights become remote units, as the system will control their functions, including cruise, low power and flash patterns. Accessories, like cameras, radios and radars, can be powered through bluePRINT to eliminate parasitic drains and provide load shed protection.



Scalable and capable, bluePRINT offers up to 82 outputs, 96 inputs, 24 virtual inputs, and 450 amps of power distribution to handle any task. More than 50 vehicle CANbus signals are available to work.



Real-time Windows PC-to-vehicle diagnostic connection provides immediate input/output and CANbus status. Technicians can view current and historical faults, reset outputs, and monitor current. Additionally, all inputs and outputs can be toggled on or off for validation testing of programmed functions and connected devices. As many as five Remote Nodes can be used to simplify and consolidate wiring. bluePRINT can even run two control heads to provide added flexibility.



bluePRINT's Windows-based app allows you to configure your system, name and assign input/output relationships, create logic functions and prioritize system actions with the click of a mouse. Once configured, the program is simply uploaded to bluePRINT allowing for rapid multi-vehicle cloning. Full software support including training is available.



SoundOff Signal's exclusive Sync technology provides true multi-vehicle flash pattern synchronization to improve warning messages. No ongoing fees, no need for connectivity and minimal hardware gets you up and running quickly.

bluePRINT[®] 3 Control System

**Improve Safety and Efficiency.
Eliminate Point-to-Point Wiring.
Improve System Reliability and Convenience.**

bluePRINT 3 Central Controller

bluePRINT 3 Central Controller requires the SoundOff Central bluePRINT 3 app



500 Series Siren Features

- All-in-one design
- Communicates directly with lightbar breakout boxes
- New mechanical siren tones
- 100 or 200 watt options



500 Series Siren options (refer to page 61)

Remote Node

- Easily expand bluePRINT's capabilities with a Remote Node. Each Remote Node provides 10 additional outputs and 4 additional discrete wired inputs



Input Node

- The Input Node provides 20 discrete wired inputs for bluePRINT



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Remote Control Panel Features

- Button or knob remote options available



100 Watt Siren (sealed)



Handheld Control



Total System Inputs

Up to 42 Total Inputs

Central Controller Ignition Input

Remote Node: 4 each (up to 5 remote nodes can be used throughout vehicle)

Total System Outputs

Up to 86 Total Outputs

Central Controller: up to 4 constant on and 20 programmable outputs

Remote Nodes: 10 each (up to 5 remote nodes can be used throughout vehicle)

400 Series PA: 12 non-flashing programmable relay outputs; 3 are 20 Amp outputs

Total Switching Current

Up to 450 Amps Total

Central Controller: 100 Amp total

Remote Node: 50 Amp each (up to 5 nodes)

400 Series PA: 100 Amp total

Software Requirements

PC or Tablet (used only for initial programming and diagnostics)

Windows 7 SP1 or later

Pentium 1GHz or higher

Minimum 512 MB of RAM

Minimum disk space of 5 GB

NET 4.5 Library (will be prompted to download if not already installed, .Net 4.6)

USB 1.1 or higher, cable with Type B plug

bluePRINT[®] 3 Link[®] Module

LIGHTBARS

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The same power of the original bluePRINT Link, but now in a smaller package. Vehicle-specific harnesses available to meet your specific fleet needs.



Micro Module



Central Cable



**Vehicle Specific
Network Cable**

For a full list of vehicles makes/models and to help identify current part numbers, please visit our Dealer Portal Vehicle Lookup at: soundoffsignal.com/dealer-portal/blueprint/

bluePRINT[®] 3 Link - Micro Fitments

Manufacturer	Vehicle	Part Number
General Motors		
	Chevrolet Express Van: 2014-2021	ENGLMK004
	Chevrolet Silverado: 2014-2021	ENGLMK004
	Chevrolet Suburban: 2021	ENGLMK001
	Chevrolet Suburban, 2014-2020	ENGLMK004
	Chevrolet Tahoe: 2021	ENGLMK001
	Chevrolet Tahoe: 2014-2020	ENGLMK004
	GMC Savana: 2014	ENGLMK004
	GMC Sierra: 2014-2021	ENGLMK004
Stellantis / FCA		
	Dodge Charger: 2018 to 2021	ENGLMK002
	Dodge Durango: 2017 to 2021	ENGLMK002
	RAM Trucks 5th Gen 2500-5500: 2013-2021	ENGLMK005
	RAM Trucks 5th Gen 1500: 2019-2021 (DT Chassis)	ENGLMK006
	RAM Trucks 4th Gen 1500 SSV or Classic: 2020-2021	ENGLMK005
	RAM Trucks 4th Gen 1500: 2013-2019	ENGLMK005
Ford		
	Ford Expedition: 2018-2021	ENGLMK007
	Ford Explorer / PIU: 2016-2021	ENGLMK008
	Ford F-150 / Responder: 2021	ENGLMK003
	Ford F-150 / Responder: 2017-2020	ENGLMK008
	Ford Super Duty: 2017-2021	ENGLMK008

The bluePRINT MicroLink Firmware can only be field updated with the ENGLNDH002 programming harness. Aftermarket cables should not be used as they can leave the unit inoperable. bluePRINT MicroLink requires SoundOff Central bluePRINT Software or bluePRINT 3 Software.

bluePRINT® 3 Sync®



GPS Module and Antenna ENGSYMD01



Antenna Service Part ENGSYAT01

Features and Requirements

What is bluePRINT Sync?

- bluePRINT Sync is an add-on component for the bluePRINT 3 System
- It provides true warning system coordination between vehicles
- Sync-equipped emergency vehicles will automatically flash in perfect timing when using the same pattern
- Because of bluePRINT's flexibility in programming, single and multi-color patterns can be set to match or be different based on environmental and operator variances
- When matched with bluePRINT LINK, Sync becomes the industry's first lighting sync system that can be programmed to automatically change colors, patterns or intensities based on input from the vehicle such as speed, and ambient lighting

Why use bluePRINT Sync?

- Improved warning messages. Slow, medium or fast patterns are much more effective and noticeable when multiple vehicles are utilizing synchronized patterns
- Reduced distractions and confusion of multiple, random flashing lights. Approaching drivers can better judge the emergency vehicle's status
- Improved work area visibility for officers and other roadway users
- Enhanced professional image of all warning or response vehicles on a scene
- Enhanced tactical presence of police by calming scenes and implying control

How Does it Work?

- bluePRINT Sync utilizes GPS technology to keep patterns in sync. Car-to-Car communication is not necessary with this technology
- Using GPS technology means there is no required distance for vehicles to synchronize patterns. They are always in sync, no matter how far they are from one another
- Since bluePRINT Sync works in the background to synchronize patterns, there are ideas that should be discussed with bluePRINT users and programmers regarding the best way to utilize the technology

Hardware Requirements	Only a bluePRINT Central Controller with firmware version 3.08 and newer is required for use with bluePRINT Sync	
Software Requirements	All programming for bluePRINT require access to the bluePRINT Configuration Software. Sync is supported in bluePRINT version 3.8.2 and newer	
Antenna Recommendation	SoundOff Signal only offers technical GPS support using the included GPS antenna Using an antenna other than the recommended can possibly damage the bluePRINT Sync module. Damage to the Sync module from improper antenna usage is not covered	
System Requirements	bluePRINT 3 app must be utilized to configure the system. Central controller must have v3.08 or later installed	
Dimensions:	Module	Antenna Base
Dimensions(w):	3.4" (8.6 cm)	1.6" (4.0 cm)
Dimensions(h):	0.9" (2.2 cm)	0.4" (1.0 cm)
Dimensions(d):	1.6" (4.1 cm)	1.5" (3.7 cm)

LIGHTBARS

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SOUNDOFF SIGNAL - CONTROL SYSTEM

SoundOff Signal Control System



Eight Button Controller with Slide Switch

Product #: ETCPRSP01

Features

- Similar to the 400 Series remote PA control panel without having the PA tone control
- Retains radio rebroadcast and PA features for applications that do not require tone controls
- Provides up to seven 10 amp and three 20 amp outputs with internal fuses for powering solenoids (amplifier required) or supplying power and signaling to other onboard peripherals (printer, GPS, etc.)
- Built-in protection against over/under voltage, short circuit and reverse polarity
- Features an eight-second buzzer alert to notify users that the level or auxiliary buttons are activated
- Cabling setup is the same as the 400 PA Series allowing for easy swap-in
- Dimmable green LED backlighting
- Dual control panel capability

Dimensions:	Handheld Portal
Dimensions(w):	6.98" (17.73 cm)
Dimensions(h):	3.51" (8.92 cm)
Dimensions(d):	1.17" (2.98 cm)

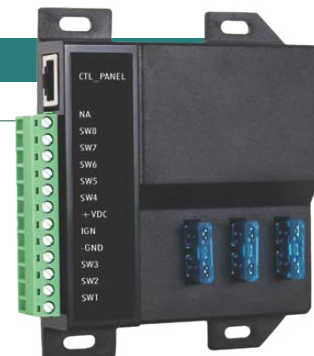
Dimensions:	Remote Amplifier / Relay
Dimensions(w):	7" (17.80 cm)
Dimensions(h):	2.62" (6.66 cm)
Dimensions(d):	6.51" (16.54 cm)

800 SERIES

Eight-button Controller and Power Module

Multi-purpose

ETCPMP801



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CONTROL SYSTEMS

SOUNDOFF SIGNAL - CONTROL SYSTEM - 800 SERIES CONT.

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Eight-button Controller, Low Current

Multi-purpose, Low-current

ETCPMP802



Features:

- Eight button programming and directional arrow function
- Eight switch control panel with three 10 amp and five 0.2 amp outputs for auxiliary device power or function activation (multi-purpose)
- Eight switch control panel with three 0.2 amp and four 0.1 amp outputs for auxiliary device power or function activation (multi-purpose, low current)
- Back lit rubber touch buttons
- Suction mount bracket and hardware included

Dimensions:	Power Module	Control Panels
Length:	4.4" (11.2 cm)	3.81" (9.69 cm)
Height:	3.5" (9 cm)	2.7" (6.88 cm)
Depth:	1.05" (2.67 cm)	1" (2.55 cm)

500 SERIES

Remote

Button

100 Watt ENGSA581RSP

200 Watt ENGSA582RSP

Knob

100 Watt ENGSA581RSR

200 Watt ENGSA582RSR



Knob option shown.

Console

Button

100 Watt ENGSA581CSP

200 Watt ENGSA582CSP

Knob

100 Watt ENGSA581CSR

200 Watt ENGSA582CSR



Button option shown.

Handheld

100 Watt ENGSA561HPP

200 Watt ENGSA562HPP



Features

- Flash and dimming options (15 internal solid state outputs)
- Load Shed
- Matrix programming
- Scalable architecture allows the addition of up to 40 discrete inputs, 24 OBD inputs and 50 outputs
- CAN connectivity
- Control of two lightbars without the need for an external breakout box, or control additional lightbars using external BOBs
- USB programmability
- Together with software app, allows standard siren to be fully expandable and customizable. Also allows real time diagnostics and firmware updates
- New software application

Enhanced Output/Input Capability

- 20 outputs
- 15 of the outputs are solid state, which can be flashed/dimmed and include diagnostic and self-protection features
- Up to 75 amps total internal switching

Additional

- 100 watt dual tone and 200 watt versions
- New mechanical tones
- Radio rebroadcast input
- Allows simultaneous use of two control panels with independent microphone inputs
- Improved audio quality with high capacitance internal filtering
- Available with Rotary, Push Button or Handheld Control Panels

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SIRENS AND SPEAKERS



SoundOff Signal ®



SIRENS AND SPEAKERS

Remote, Console & Handheld Sirens

LIGHTBARS

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nERGY® 400 Series

Remote

Button

100 Watts	ETSA48 1RSP
200 Watts	ETSA48 2RSP

Knob

100 Watts	ETSA48 1RSR
200 Watts	ETSA48 2RSR



Console

Button

100 Watts	ETSA48 1CSP
200 Watts	ETSA48 2CSP

Knob

100 Watts	ETSA48 1CSR
200 Watts	ETSA48 2CSR



Handheld

100 Watt	ETSA46 1HPP
200 Watt	ETSA46 2HPP
100 Watt (13 feet coil cable length)	ETSA46 1HPP-EXT
200 Watt (13 feet coil cable length)	ETSA46 2HPP-EXT



Note: 2 speakers required with the 200 watt version sirens.

Features

Remote, Console and Handheld Sirens

- 200 watt sirens feature dual-tone capability to deliver two siren tones at once to provide officers with extreme "traffic moving" capability
- Designed with extra large buttons with appropriate spacing to eliminate buttons to be accidentally pressed
- Provides up to eight 10 amp and three 20 amp outputs with internal fuses for powering solenoids (i.e. gun lock) or supplying power and signaling to other on board peripherals (printer, radar, GPS, etc.)
- Built-in protection against over-/under voltage, short circuit and reverse polarity

Remote Sirens

- Removable microphone with quarter inch plug (remote with knob)
- Officers value the sound intensity of the dual-tone feature "fooling" perpetrators into believing multiple police vehicles are in pursuit
- Hands-free feature allow siren tones to be cycled or cancelled by pressing horn (horn-ring circuit must be connected)

nERGY® 400 Series

Features (continued)

Console Sirens

- Unlike other competitors, nERGY offers two console versions. One version has a five position rotary switch and the other features a four push button switch
- Horn ring scroll provides ability to quickly change tones with the tap of the horn

Handheld Siren

- Provides unique advantages unlike any product on the market today: LED, alley and arrow handheld switch indicators for convenient viewing and extensive programmability
- Horn ring scroll provides ability to quickly change tones with the tap of the horn

Specifications

Watts: 100 and 200 Watts (2 speakers required with the 200 watt version sirens)

Remote Sirens - Handheld Panel

Dimensions(w): 3.51" (8.92 cm)

Dimensions(h): 6.98" (17.73 cm)

Dimensions(d): 1.17" (2.98 cm)

Amplifier/Relay

Dimensions(w): 2.62" (6.66 cm)

Dimensions(h): 7" (17.80 cm)

Dimensions(d): 6.51" (16.54 cm)

Console Siren - Console Faceplate

Dimensions(w): 3.17" (8.5 cm)

Dimensions(h): 7.54" (19.15 cm)

Amplifier/Relay

Dimensions(w): 2.64" (6.73 cm)

Dimensions(h): 7.02" (17.84 cm)

Cut-out

Dimensions(w): 2.72" (6.91 cm)

Dimensions(h): 7.10" (18.034 cm)

Handheld Siren - Panel

Dimensions(w): 3.51" (8.92 cm)

Dimensions(h): 6.98" (17.73 cm)

Dimensions(d): 1.17" (2.98 cm)

Amplifier/Relay

Dimensions(w): 2.62" (6.66 cm)

Dimensions(h): 7" (17.80 cm)

Dimensions(d): 6.51" (16.54 cm)

Certifications: Meets or exceeds SAE J1849, CA Title 13 sound levels when used with SoundOff Signal® speakers

SIRENS AND SPEAKERS

Remote Sirens

200 Series

LIGHTBARS

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PA Function

Remote Amplifier and Remote Switch Panel

Single 100 Watt (connector sold separately)	ETSA200R-PA
Molex Connector and Mating Harness is Weatherproof	ETSA200RA-PA
Delphi Connector and Mating Harness	ETSA200RW-PA



Compact

Remote Amplifier and Remote Switch Panel

100 Watt	ETSA200R
Molex Connector and Mating Harness	ETSA200RA
Delphi Connector and Mating Harness	ETSA200RW



Features

PA Function

- The microphone includes a pre-amp, 15 feet of power and signal cable, adjustable gain and a three-pin removable connector
- The pre-amp features an additional gain adjustment

Compact

- Compact siren has a small, remote amplifier to fit tight spaces for undercover vehicles or motorcycles

PA Function and Compact

- Class D technology with high speed digital switching provides higher efficiency, less current draw and better reliability
- Operates a single 100 watt speaker or dual 58 watt speaker (compact, remote amplifier only)
- Five warning tones (up to three tones can be activated) wail, yelp, piercer, hi-lo or super hi-lo, an additional four air horn tones available
- Horn ring (hands free operation) controls the tones and can be programmed to broadcast warning or air horn tones.
- Volume can be set for the public address (PA) and radio rebroadcast within the 200R amplifier; this feature can be pre-set to a desired level during installation
- Park/kill feature disables the siren when the vehicle is placed in park
- Built-in protection against over/under voltage, over temperature, short circuit and reverse polarity
- Hermetically sealed, providing protection in wet areas

Specifications

Watts:	100 Watts
Dimensions:	Height 2.3" (5.8 cm) Width 5.4" (13.7 cm) Depth 4.6" (11.6 cm)
Certifications:	Meets or exceeds SAE J1849, CA Title 13 sound levels when used with SoundOff Signal® speakers, ECE R10.05 certified (compact siren only)

Composite Speaker

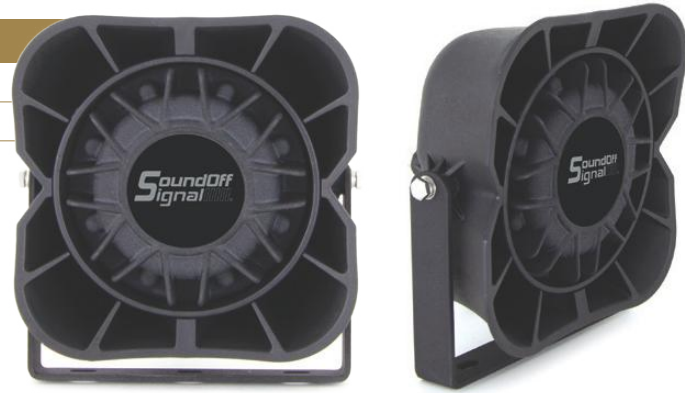
100J Series

100J Series Composite Speaker

Two-year warranty ETSS100J

Five-year warranty ETSS100J5

Shown with bail bracket.



100J Series Composite Speaker Features

- Composite housing creates electrical isolation from vehicle chassis to extend product life
- Weather tested, glass reinforced nylon material will not corrode like a traditional aluminum speaker
- Designed for passive water and moisture egress
- Designed for clear, powerful output using neodymium magnet
- Compact design with powerful 100 watt output
- Ferro-fluid filled coil
- Includes universal bail bracket
- Meets CA Title 13, Class A when used with SoundOff Signal siren amplifier

Vehicle Specific Brackets (Speaker sold separately)

Vehicle	Model	Year	Mounting	Part Number
Chevrolet	Silverado 1500	2019.5-2020	Frame mount, driver side	ETSSVBK02
		2019.5-2020	Frame mount, passenger side	ETSSVBK03
	Tahoe and Tahoe PPV	2021	Bumper mount, no drill, holds up to two speakers	ETSSVBK07
Dodge	Charger	2011-2020	Lower Frame Mount (no drill)	ETSS100CBKDC11
	Charger	2015-2020	Bumper mount, no drill	ETSS100CBKDC15
	Durango Pursuit	2018-2020	Bumper mount no drill, holds up to two speakers	ETSSVBK05
Ford	F-150	2018-2020	Grille Mount (holds two speakers)	ETSSVBK04
	PI Utility	2020	Bumper Mount (no drill)	ETSSVBK01

Specifications

Watts: 100 Watts

Dimensions:	Without Bracket	With Bracket
Height:	6.75" (17.1 cm)	7.5" (19 cm)
Width:	6.75" (17.1 cm)	6.88" (17 cm)
Depth:	3.5" (8.9 cm)	3.5" (8.9 cm)
Warranty:	ETSS100J Two-year	ETSS100J5 Five-year

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100U Series

100U Series Speaker

Watts: 100 Watts

Dimensions:	Without Bracket	With Bracket
Height:	6.22" (15.8 cm)	7.1" (18.1 cm)
Width:	6.22" (15.8 cm)	6.9" (17.4 cm)
Depth:	3.3" (8.6 cm)	3.3" (8.9 cm)



Features

- Composite housing creates electrical isolation from vehicle chassis to extend product life
- Weather tested, reinforced nylon material will not corrode
- Improved design for passive water and moisture egress
- Includes universal bail bracket
- Meets CA Title 13, Class A when used with SoundOff Signal siren amplifier
- Meets GSA requirements

LF Aftershock

Siren System, Includes Universal Bracket

100 Watt Speaker, 200 Watt Amplifier	ETSKLF100
Two (2) 100 Watt Speakers, 200 Watt Amplifier	ETSKLF200

Speaker, Includes Universal Bracket

Low Frequency Speaker, 100 Watt	ETSSLF100
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Vehicle Specific Brackets (Speaker sold separately)

Chevrolet	Silverado 1500	2019-2020	Frame Mount (no drill)	ETSSLFVBK08
	Tahoe and Tahoe PPV	2021	Driver Side, Frame Mount Bracket (no drill)	ETSSLFVBK13
	Tahoe and Tahoe PPV	2021	Passenger Side, Frame Mount Bracket (no drill)	ETSSLFVBK14
Dodge	Charger	2011-2019	Lower Frame Mount (no drill)	ETSSLFVBK08
	Durango	2016-2019	Upper and Lower Frame Mount	ETSSLFVBK01
	Durango	2016-2019	Lower Frame Mount (no drill)	ETSSLFVBK02
	Ram 1500	2014-2018	Frame Mount Bracket (no drill)	ETSSLFVBK12
	Ram 1500 4th GEN, SSV and Classic	2019-2020	Frame Mount Bracket (no drill)	ETSSLFVBK12
	Ram 2500-3500	2014-2018	Frame Mount Bracket (no drill)	ETSSLFVBK12
Exception: Ram 2500-3500 Diesel Engines and 2500 Power Wagon mounts one speaker to either driver or passenger side				
Ford	PI Utility	2015-2019	Lower Frame Mount	ETSSLFVBK03
	PI Utility	2020	Lower Frame Mount	ETSSLFVBK07
	PI Utility	2020	Driver Side	ETSSLFVBK09
	F-150	2018-2020	Lower Frame Mount (no drill)	ETSSLFVBK11

Features

- Highly effective low frequency sound waves create deep warning tones for enhanced traffic clearing
- Ideal for areas with heavy traffic and busy intersections
- Includes universal bracket

FLASHERS



SoundOff Signal ®



LIGHTBARS

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WORK AREA

LED Light

Two Output, Eight Flash Patterns ETFFCO2LED

- 10A per channel (2)
- Synchronizes all LED warning lights, overrides all SoundOff Signal® LED warning lights to take over pattern control
- Two LED flashers offer seven user selectable flash patterns
- For use with LED lights only



Headlight

8-30 Vdc, 18 Inch Wire Leads ETHFSS-SP

8-30 Vdc, 12v Isolation ETHFSS-FV

Includes extended leads and a mounting bracket

Amp Connector and Harness, 9.5 Amp ETHFSS-SPFL

Isolation Model, 12v ETHFSS-SPISO



Headlight Plug-in, Vehicle Specific

Chevrolet Caprice, 2011+ ETHFSS-CP

- Single flash pattern, PowerPulse
- Features high beam override
- Built-in shutdown protection against loss of ground, short circuit and under voltage



Chevrolet Tahoe, Solid State 2007+ ETHTAH0-07+

- Single flash pattern, PowerPulse
- Features high beam override
- Built-in shutdown protection against loss of ground, short circuit and under voltage



Dodge Ram, 2018-2020 ETHFK01

- Select-A-Pattern technology which includes seven flash patterns
- Easy installation with plug-in connectors
- Durable and non-corrosive ABS plastic housing



Ford PI Utility, 2016 and 2017 ETFFUT-16

- Select-a-Pattern Technology with seven user selectable flash patterns: PowerPulse, RoadRunner, ETM, Cycle Flash, Q-Switch, Single Flash or Double Flash Alternating
- Durable and non-corrosive ABS plastic housing
- 100% solid state output, potted design for long-lasting, reliable performance
- Positive switching



Flashers

LIGHTBARS

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Flashback Alternating Taillight

Taillight ETFBS5N-P

Amp Connector and Fleet Harness ETFBSANFL

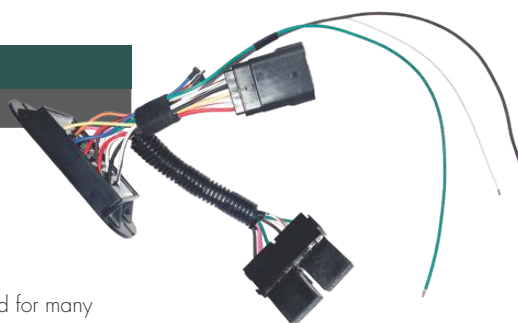


- Twelve wire module with isolating diodes for the brake and reverse wire that are required for many new vehicles
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle
- Provides an additional output for deck lights

Flashback Alternating Taillight, Vehicle Specific

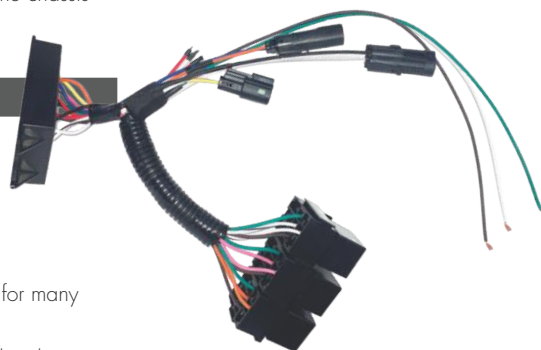
Dodge Charger, 2010-2020 ETTFK03

- Flashing ring and reverse
- Outer ring and reverse alternate with center ring
- Running lights and headlights (on will not override flasher)
- Easy installation with plug-in connectors
- Module has isolating diodes for the brake and reverse wire that are required for many new vehicles
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle



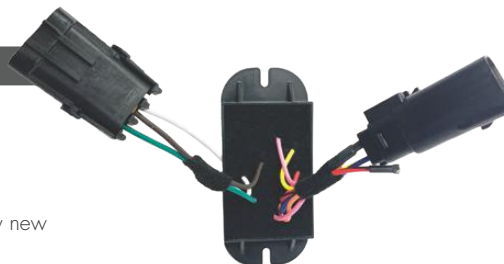
Dodge Durango, 2010-2020 ETTFK02

- Flashing ring
- Outer ring alternate with center ring
- Running lights and headlights (on will not override flasher)
- Easy installation with plug-in connectors
- Module has isolating diodes for the brake and reverse wire that are required for many new vehicles
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle



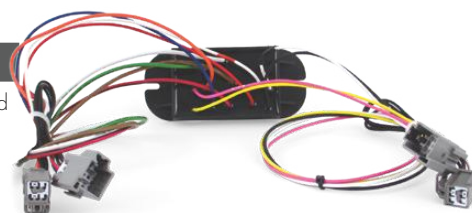
Dodge Ram, 2018-2020 ETHFK01

- Flashing reverse
- Passenger side reverse alternate with driver side reverse
- Easy installation with plug-in connectors
- Module has isolating diodes for the brake and reverse wire; required for many new vehicles
- For use with vehicles that have negative post of the battery connected to the chassis



Ford PI Utility, 2016 and 2017 ETTFUT-16

- Twelve wire module with isolating diodes for the brake and reverse wire that are required for many new vehicles
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle



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4500 Series



Flat/Pipe Mount

Low Dome	ELB45BCLO{xx}
High Dome	ELB45BCHO{xx}

Magnetic Mount

Low Dome	ELB45BML+{xx}
High Dome	ELB45BMH+{xx}

Replace {xx} in the Order Number for LED Color and Dome Color Selection

AC = Amber LEDs, Clear Dome	GC = Green LEDs, Clear Dome	RC = Red LEDs, Clear Dome
BC = Blue LEDs, Clear Dome	GG = Green LEDs, Green Dome	RR = Red LEDs, Red Dome
BB = Blue LEDs, Blue Dome	JC = Red and Blue LEDs, Clear Dome (low dome only)	WC = White LEDs, Clear Dome
FC = Amber and White LEDs, Clear Dome		

Features:

- Lens with UV inhibitor prevents sun fade

Flash Patterns: 8 flash patterns

Dimensions:

Low Profile with Base	Height: 5" (12 cm)	Diameter: 6.3" (16 cm) base
High Dome with base	Height: 6.8" (17 cm)	Diameter: 6.3" (16 cm) base

Mounts: Flat/pipe mount or magnetic mount

Accessories

Semi-truck Mirror Application Beacon Bracket Kit, Flat/Pipe Mount (includes mounting hardware)

1" diameter tube	PBCBK001
1 ¼" diameter tube	PBCBK002
1 ½" diameter tube	PBCBK003

Dust Cover	6" height	E360DC6
Branch Guard	4" height	PESB41BG4
	6" height	PESB41BG6

Beacons sold separately.



Beacon Bracket Kit

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Low Dome, Flat/Pipe Mount

LED Count	Color Selections	Dome Colors	SAE J845 Certified
3 LED	Single Color, Amber LEDs	Amber	Class 2
3 LED	Single Color, Amber LEDs	Clear	Class 2
6 LED	Single Color, Amber LEDs	Amber	Class 1
6 LED	Single Color, Amber LEDs	Clear	Class 1
12 LED	Single Color, Amber LEDs	Amber	Class 1
12 LED	Single or Dual Colors, Amber, Red or White LEDs	Clear	Class 1

Low Dome, Magnetic with Cig Plug Mount

LED Count	Color Selections	Dome Colors	SAE J845 Certified
3 LED	Single Color, Amber LEDs	Amber	Class 2
3 LED	Single Color, Amber LEDs	Clear	Class 2
6 LED	Single Color, Amber LEDs	Amber	Class 1
6 LED	Single Color, Amber LEDs	Clear	Class 1
12 LED	Single Color, Amber LEDs	Amber	Class 1
12 LED	Single or Dual Colors, Amber, Red or White LEDs	Clear	Class 1



High Dome, Flat/Pipe Mount

LED Count	Beacon Style	Color Selections	Dome Colors	SAE J845 Certified
3 LED	Solid	Single Color, Upper and Lower Amber LEDs	Amber	Class 2
3 LED	Solid	Single Color, Upper and Lower Amber LEDs	Clear	Class 2
6 LED	Solid	Single Color, Upper and Lower Amber LEDs	Amber	Class 1
6 LED	Solid	Single Color, Upper and Lower Amber LEDs	Clear	Class 1
6 LED	Split	Single Colors, Amber, Red or White LEDs	Clear	Class 2
12 LED	Solid	Single Color, Upper and Lower Amber LEDs	Amber	Class 1
12 LED	Solid or Split	Single or Dual Colors, Amber, Red or White LEDs	Clear	Class 1

High Dome, Magnetic Mount

LED Count	Beacon Style	Color Selections	Dome Colors	SAE J845 Certified
3 LED	Solid	Single Color, Upper and Lower Amber LEDs	Amber	Class 2
3 LED	Solid	Single Color, Upper and Lower Amber LEDs	Clear	Class 2
6 LED	Solid	Single Color, Upper and Lower Amber LEDs	Amber	Class 1
6 LED	Solid	Single Color, Upper and Lower Amber LEDs	Clear	Class 1
6 LED	Split	Single Colors, Amber, Red or White LEDs	Clear	Class 2
12 LED	Solid	Dual Colors, Amber, Red or White LEDs	Clear	Class 1

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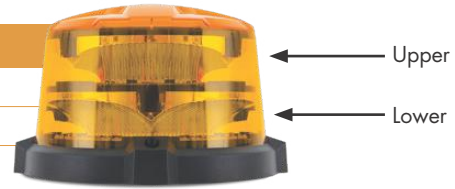
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High Dome Beacon Styles

Solid = Single LED color options for upper and lower

Split = Single or Dual LED color options for upper and lower



Replace (x) or (xx) in the Order Number for Standard Color Selection

Low Dome Single Color: A= ● Dual Colors: F= ● ○ J= ● ●

High Dome Solid, Single Color: A= ● ● Split, Single Colors: AR= ● ● AW= ● ○ RW= ● ○ Split, Dual Colors: FF= ● ○ KK= ● ●

Features

- Premium aluminum base with durable polycarbonate lens

Flash Patterns: 44; 10 total scene, low power, and cruise modes

Light Sync: Up to 24

Dimensions:

Low Dome Height 3.6" (9.25 cm) Diameter 8.6" (21.8 cm)

High Dome Height 5.3" (13.4 cm) Diameter 8.6" (21.8 cm)

Mounts: Permanent mount, Magnetic mount (magnetic includes 10 foot cig plug cord with integrated 2-button rocker switch panel), 1" NPT pipe mount

Certifications: 3 LED Single and 6 LED Dual Colors: J845 Class 2 certified;
6, 9, 12 LED Single, 12 LED Dual and 18 LED Tricolors: J845 Class 1 certified;
6, 9 LED Single and 12 LED Dual Colors: CA Title 13 certified

Accessories

Branch Guard and Base Plate Kit	Flat/Pipe mount, high and low dome	PNRBCBGBH
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Four Button Cig Plug Controller	Low and high dome	Configurator Option
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VHB Magnetic Plate Adapter Kit	Kit includes (1) one VHB pad and metal plate	PNRLBK03
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Beacons sold separately.



*** To order configured products, contact your sales representative or customer service department.

LED Beacons



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GOLIGHT®

Spot Beam with White LEDs, remote included.



Black Housing

EWL30514ST



Chrome Housing

EWL30064ST



White Housing

EWL30004ST



Included remote



Side View



Back View

Features

- Weatherproof for land and sea applications

Beam Patterns:	Spot
Dimensions:	
Length:	7" (17.78 cm)
Height:	7" (17.78 cm)
Depth:	8" (20.32 cm)
Mount:	Permanent mount



*** To order configured products, contact your sales representative or customer service department.

WL4, WL5 and WL9 LED Spot / Search Lights

Features

- Deliver super bright output with low amp draw
- Weatherproof design
- Adjustable mounting brackets make these lights ideal for multiple vehicle applications



WL4 Flood and Spot Lens

700 Lumen, Flood Pattern	EWL4SBDFOW
700 Lumen, Spot Pattern	EWL4SBD50W
Current Draw:	.6 Amp @ 13.5 Vdc, .3 Amp @ 28 Vdc
LED Count:	4 LEDs
Illumination Patterns:	Flood & Spot
Operating Temperature:	-40° to +65° C / -40° to +149° F
Color Temperature:	6500k
Dimensions:	
Height:	4.1" (10.41 cm)
Width:	2.8" (7.11 cm)
Depth:	1.8" (4.57 cm)
Mount:	One bolt with rubber mounting pad
Certification:	EMC ECE Reg. 10 certified

WL5 Spot Lens

900 Lumen	EWL5SBD50W
Current Draw:	.97 Amp @ 13.5 Vdc, .47 Amp @ 28 Vdc
LED Count:	5 LEDs
Illumination Patterns:	Flood & Spot
Operating Temperature:	-40° to +65° C / -40° to +149° F
Color Temperature:	6500k
Dimensions:	
Height:	5.8" (14.73 cm)
Width:	4.3" (10.92 cm)
Depth:	1.8" (4.57 cm)
Mount:	One bolt with rubber mounting pad
Certification:	EMC ECE Reg. 10 certified

WL9 Flood and Spot Lens

1800 Lumen, Flood Pattern	EWL9SBDFOW
1800 Lumen, Spot Pattern	EWL9SBD50W
Current Draw:	1.5 Amps @ 13.5 Vdc, .8 Amp @ 28 Vdc
LED Count:	9 LEDs
Illumination Pattern:	Spot
Operating Temperature:	-40° to +65° C / -40° to +149° F
Color Temperature:	6500k
Dimensions:	
Height:	5.5" (13.97 cm)
Width:	4.4" (11.18 cm)
Depth:	2.9" (7.36 cm)
Mount:	One bolt with rubber mounting pad
Certification:	EMC ECE Reg. 10 certified

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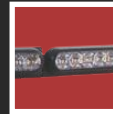
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