

mpower[®] Arrow Systems



EMPAK

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

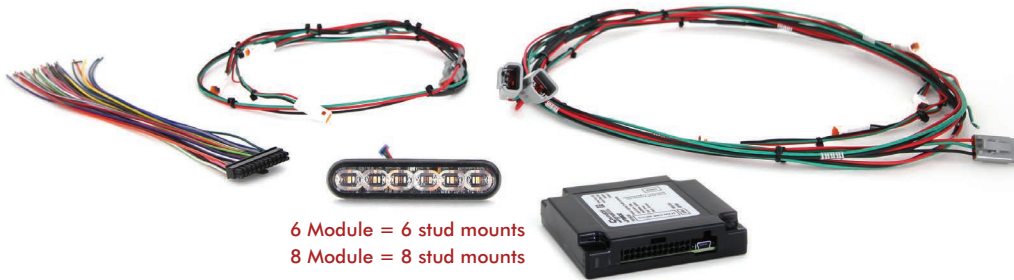
Configured product includes:

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

Features

- Warning arrow greatly reduces install time through use of 3-wire technology
- Functionality mimics the rear of a lightbar
- Available in single, dual or tricolor

mpower[®] Non-bracket Arrow System



6 Module = 6 stud mounts
8 Module = 8 stud mounts

Arrow Harness Kits

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

EMPAKKT01
EMPAKKT01

Six Module, Tricolor (red/amber/white)

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

EMPAK0098N

Features

- Warning arrow greatly reduces install time through use of 3-wire technology
- Functionality mimics the rear of a lightbar
- Two distribution harnesses allow for larger mounting space, if desired

Bracket and Non-Bracket

INPUT VOLTAGE RANGE	9-32 Vdc
CURRENT STANDBY	< 1.0 Amp @ 12.8 Vdc, < 0.5 Amp @ 25.6 Vdc
FLASH PATTERNS	Bracket: 66 single, 25 dual or 11 tricolor patterns Non-bracket: 28 single, 22 dual or 19 tricolor patterns
OPERATING TEMPERATURE	-40° C to +65° C
CERTIFICATIONS	SAE J595 Class 1 certified SAE J845 Class 1 certified CA Title 13, Article 22 compliant
WARRANTY	Five-year

DIRECTIONAL WARNING

mpower Arrow System

VEHICLE SPECIFIC ACCESSORIES

Lights and replacement modules sold separately.



Chevrolet bracket shown. Sold in pairs.

BRACKETS

Chevrolet

REAR SPOILER, STUD MOUNTS

Tahoe 2015-2020, Suburban, Yukon and Yukon XL 2015-2019

Three module design

PMP2RSBTH3

Four module design

PMP2RSBTH4

Tahoe 2021

One module design

PMP2RS104

Two module design

PMP2RS204

Three module design

PMP2RS304

Four module design

PMP2RS404

Dodge

Durango 2018-2020

Three module design

PMP2RSBDG3

Ford

Expedition 2018-2020

One module design

PMP2RS103

Two module design

PMP2RS203

Three module design

PMP2RS303

Four module design

PMP2RS403

Explorer/PI Utility 2011-2019

One module design

PMP2RSBUV1

Two module design

PMP2RSBUV2

Three module design

PMP2RSBUV3

Four module design

PMP2RSBUV4

Explorer/PI Utility 2020

One module design

PMP2RS102

Two module design

PMP2RS202

Three module design

PMP2RS302

Four module design

PMP2RS402

Four x Two inch Fascia light, stud mount, one module design

PMP2RS101

Four x Two inch Fascia light, stud mount, two module design

PMP2RS201

Four x Two inch Fascia light, stud mount, three module design

PMP2RS301

Four x Two inch Fascia light, stud mount, four module design

PMP2RS401

mpower[®] Traffic Controller

Coming Summer 2021!



Features

- Designed for exterior or interior use
- Designed with six inch mpower modules
- Available in lengths of four, six, eight or ten modules
- Eight module is available in split or full; eight in a row or two different assemblies of four modules connected with harness
- Wire harness lengths available in 15 or 25 feet

INPUT VOLTAGE RANGE 10-16 Vdc

NUMBER OF LEDs AND MAXIMUM CURRENT DRAW @ 12.8 Vdc
 0.36 Amp (flashing red)
 0.62 Amp (peak red)
 0.60 (flashing amber, blue, green or white)
 0.90 Amp (peak amber, blue, green or white)

NUMBER OF LEDs and MAXIMUM WATTAGE @ 12.8 Vdc
 4.6 Watt (red)
 7.7 Watt (amber, blue, green or white)

LED COUNTS **Single color:** 6 or 8 LEDs **Dual color:** 12 LEDs **Tricolor:** 18 LEDs

FLASH PATTERNS
Warning 28 single, 22 dual and 19 tricolor
Arrow 11

OPERATING TEMPERATURE -40° C to + 65° C / -40° F to +150° F

DIMENSIONS
Lengths 4 Module: 26" (66 cm)
 6 Module: 38.75" (98 cm)
 8 Module: 52" (133 cm)
 10 Module: 64.25" (163 cm)

Height 1.6" (3.9 cm)
Depth 2.4" (6.2 cm)

CERTIFICATION SAE J845 Class 1 certified
 SAE J595 Class 1 certified
 CA Title 13, Article 22 compliant
 IP67

WARRANTY Five-year

DIRECTIONAL WARNING

Contact your sales representative for availability of this product.



Interior Traffic Controller



- 4 Module **ENFTCDGS1204**
- 6 Module (shown) **ENFTCDGS1206**
- 8 Module **ENFTCDGS1208**

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

Features

- Designed and tested to withstand tough working applications and extreme weather environments
- Modules can be specified in any combination of single color 6 or 9 LED, dual color 12 LED or tricolor 18 LED counts
- Modules that utilize white LEDs can be specified as work lights or flood lighting
- Manual dimming capability for nighttime use
- Cruise mode
- Use of PC application in conjunction with SoundOff Signal® sirens simplifies install with "plug and play" RJ45 capability
- Standard "L" shaped mounting brackets are included

INPUT VOLTAGE RANGE 10-16 Vdc

NUMBER OF LEDs AND MAXIMUM CURRENT DRAW @ 12.8 Vdc

- 6 LED Single Color: <1.0 Amp
- 9 LED Single Color: <1.5 Amp
- 12 LED Dual Color: <1.0 Amp
- 18 LED Tricolor: <1.0 Amp

NUMBER OF LEDs and MAXIMUM WATTAGE @ 12.8 Vdc

- 6 LED Single Color: <6.4 Watts
- 9 LED Single Color: <9.6 Watts
- 12 LED Dual Color: <6.4 Watts
- 18 LED Tricolor: <6.4 Watts

FLASH PATTERNS

- Warning 34
- Arrow 8

OPERATING TEMPERATURE -40° C to + 65° C / -40° F to +149° F

DIMENSIONS

- Lengths**
 - 4 Module: 19" (48.3 cm)
 - 6 Module: 26.7" (67.8 cm)
 - 8 Module: 35.5" (90 cm)
- Height** All Modules: 1.9" (4.7 cm)
- Depth** All modules: 2.47" (6.3 cm)

CERTIFICATION SAE J845 Class 1 certified

DIRECTIONAL WARNING

UltraLITEplus

Exterior and Interior Directional Warning Bars



Exterior



Interior

Exterior Directional Warning

Solid and Split Colors

2 Module	EL3PD02A00(x)
4 Module	EL3PD04A00(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)

DIRECTIONAL WARNING

Interior Windshield



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.

UltraLITEplus

Exterior Directional Warning Bar with Arrow Ends



12 Module, 15 foot harness **EL3PA12A00A**
 12 Module, 25 foot harness **EL3PA12A01A**

Features

- New addition to our UltraLITEplus product line
- Six module arrow heads provide direct, visual communication to oncoming traffic

INPUT VOLTAGE RANGE	10-16 Vdc
CURRENT DRAW	10 Amps Peak, 5 Amp avg. with 50% duty cycle flash pattern
FLASH PATTERNS	Warning, arrow or default
OPERATING TEMPERATURE	-40° C to +85° C
DIMENSIONS	
Length	51.75" (131.45 cm)
Height	21.5" (54.6 cm)
Depth	1.5" (3.8 cm)
MOUNTING	Attachment brackets (included)
WARRANTY	Five-year

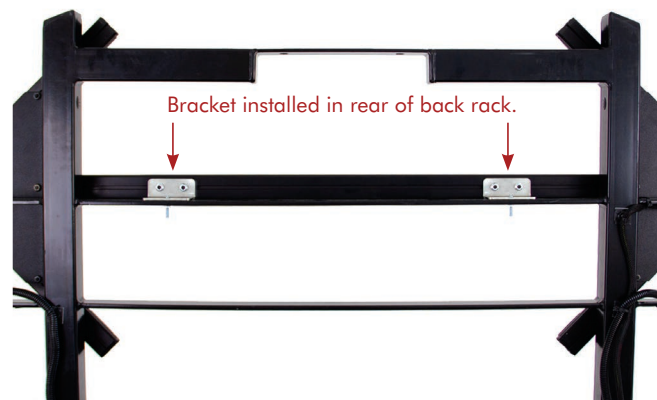
ACCESSORY

Directional warning bar and back rack sold separately.

Back Rack Bracket Kit **PUL3BRM**
 Includes two mounting brackets and hardware

Feature

- Attaches back of arrow to cross bar of the back rack



UltraLITE plus

Directional Warning Bars

Features

Exterior

- Custom color configurations offered for exterior 4, 8 or 12 module bars
- 8 and 12 module warning bars can be programmed to flash three separate warning patterns controlled by discrete input wires
- Includes universal "L" brackets and 14 feet of cable

Windshield

- Includes permanent headliner brackets (pair) and 11.5 feet of shielded cable
- Suction cup and cig plug mounts include universal headliner brackets (pair)

Interior

- Slim, narrow design is perfect for headliner, dash, windshield or rear deck mounts in all types of vehicles
- Program up to three warning patterns on the 8 or 12 module, dual or split color bars
- Includes universal "L" brackets and 14 feet of cable

INPUT VOLTAGE RANGE 10-16 Vdc

CURRENT DRAW @ 12.8 VDC

Suction Cup Mount and Headliner Mount <1 Amp per module
<1 Amp for every 2 modules (flash pattern dependent)

FLASH PATTERNS

Suction Cup Mount 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

LED COUNTS 2 Module: 12 LEDs; 4 Module: 24 LEDs; 8 Module: 48 LEDs or 12 Module: 72 LEDs

OPERATING TEMPERATURE -40° C to +65° C / -40° F to +149° F

DIMENSIONS

Lengths 2 Module: 6.9" (18 cm); 4 Module: 13.25" (34 cm); 8 Module: 26" (66 cm) or 12 Module: 38.75" (98 cm)

Height All modules: 1.5" (3.8 cm)

Depth All modules: 1.5" (3.8 cm)

Suction Cup Mount and Headliner Mount

Lengths 2 Module: 7" (18 cm); 4 Module: 14.25" (34 cm); 8 Module: 26" (66 cm) or 12 Module: 38.75" (98 cm)

Height All modules: 1.5" (3.8 cm)

Depth All modules: 3.6" (9.1 cm)

CERTIFICATIONS

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

WARRANTY

Five-year

DIRECTIONAL WARNING

ACCESSORIES

Exterior and Interior

Directional warning bar sold separately.

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
-----------------------------	---------