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.

---

**LIGHTBARS**

- **mpower®**
  - Exterior, Full Size: 1

- **nFORCE®**
  - Exterior, Full Size: 3

- **nFORCE® nxt**
  - Exterior, Full Size: 5

**Pinnacle**

- Exterior, Full Size: 6

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  - Exterior, Full Size: 7

- **nFUSE® xl**
  - Exterior, Full Size: 8

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  - Interior, Windshield: 9

- **mpower®**
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**INTERSECTOR**

- **Under Mirror**: 39

- **Surface**: 39

**ML6**

- **Flush Mount**: 40

- **GHOST®**
  - Surface: 41

- **Deck/Grille**: 41

- **Recess**: 42

- **Universal UnderCover**
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**Warning and Recess**: 44

**Vehicle Specific Accessories**

- **Chevrolet**: 45

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- **Dodge**: 47

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- **WL4, 5 and 9**
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  - LED Beacon: 64

- **nROADS®**
  - LED Beacon: 65

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- **Flashes**
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**BEACONS**

- **500 Series**
  - Multi-purpose: 60

- **Control Panels**: 61

- **Flashes**
  - LED Light: 61

- **Headlight Plug-in**: 61

- **Vehicle Specific Flashback Alternating**: 62

- **Taillight Flashback Alternating**: 62

- **Tailight, Vehicle Specific**: 62

---

**WORK AREA**

- **4500 Series**
  - LED Beacon: 64

- **nROADS®**
  - LED Beacon: 65

---

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.
Features

- At only one inch thick, mpower is fifty percent thinner than its leading competitors
- Silicone molded one-piece housing and optic design delivers advantages over conventional polycarbonate lenses:
  - A smaller footprint with maximized candela output
  - Greater resistance to gravel pitting, scratching or cracking
  - Improved sealing to prevent water from entering light
  - Higher UV and thermal stability to prevent lens from yellowing over time

<table>
<thead>
<tr>
<th>INPUT VOLTAGE RANGE</th>
<th>9-16 Vdc</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF LEDS AND MAXIMUM CURRENT DRAW @ 12.8 VDC</td>
<td></td>
</tr>
<tr>
<td>Inboard Warning Module</td>
<td>&lt;1 Amp</td>
</tr>
<tr>
<td>Corner Module</td>
<td>&lt;1.9 Amp (Two 3” mpower modules)</td>
</tr>
<tr>
<td>Alley</td>
<td>&lt;1 Amp</td>
</tr>
<tr>
<td>NUMBER OF LEDS AND MAXIMUM WATTAGE @ 12.8 VDC</td>
<td></td>
</tr>
<tr>
<td>Inboard Warning Module</td>
<td>Four Inch Module: &lt;5.9 Watts</td>
</tr>
<tr>
<td>Corner Module</td>
<td>Four Inch Module: &lt;11.6 Watts (Two 3” mpower modules)</td>
</tr>
<tr>
<td>Alley</td>
<td>Four Inch Module: &lt;5.9 Watts</td>
</tr>
<tr>
<td>FLASH PATTERNS</td>
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</tr>
<tr>
<td>Warning</td>
<td>66</td>
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<tr>
<td>Takedown/Alley</td>
<td>25</td>
</tr>
<tr>
<td>Arrow L/C/R</td>
<td>11</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td></td>
</tr>
<tr>
<td>-40° C to +65° C / -49° F to +149° F</td>
<td></td>
</tr>
<tr>
<td>STANDBY CURRENT @ 12.8 VDC</td>
<td>&lt;10mA</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td></td>
</tr>
<tr>
<td>Lengths</td>
<td></td>
</tr>
<tr>
<td>Four Inch Module</td>
<td></td>
</tr>
<tr>
<td>8 Module: 44.2” (112 cm)</td>
<td></td>
</tr>
<tr>
<td>9 Module: 48.2” (122 cm)</td>
<td></td>
</tr>
<tr>
<td>10 Module: 52.7” (134 cm)</td>
<td></td>
</tr>
<tr>
<td>Six Inch Module</td>
<td></td>
</tr>
<tr>
<td>5 Module: 42” (107 cm)</td>
<td></td>
</tr>
<tr>
<td>6 Module: 48.4” (122 cm)</td>
<td></td>
</tr>
<tr>
<td>7 Module: 54.8” (139 cm)</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td></td>
</tr>
<tr>
<td>All modules: 1.1” (2.7 cm)</td>
<td></td>
</tr>
<tr>
<td>Depth</td>
<td></td>
</tr>
<tr>
<td>All modules: 10.6” (27 cm)</td>
<td></td>
</tr>
<tr>
<td>MOUNTS</td>
<td></td>
</tr>
<tr>
<td>Standard hook bracket mount with angle adjustment wedge</td>
<td></td>
</tr>
<tr>
<td>Headache rack mount</td>
<td></td>
</tr>
<tr>
<td>CERTIFICATIONS</td>
<td></td>
</tr>
<tr>
<td>SAE J595 and J845 Class 1 certified (red, blue, amber and white)</td>
<td></td>
</tr>
<tr>
<td>CA Title 13 Class B certified (red, blue and amber)</td>
<td></td>
</tr>
<tr>
<td>ECE R65 Cat T, Class 2 certified (red, blue and amber)</td>
<td></td>
</tr>
<tr>
<td>EMC/ECE R10-5 certified</td>
<td></td>
</tr>
<tr>
<td>WARRANTY</td>
<td></td>
</tr>
<tr>
<td>Five-year (ten-year on UV lens discoloration)</td>
<td></td>
</tr>
</tbody>
</table>
Features

• Modules can be configured as single, dual or tricolor for maximum functionality
• Inboard modules are available in single color 6 or 9 LEDs, dual color 12 LEDs or tricolor 18 LEDs
• Corner modules are offered in single color 12 or 18 LEDs, dual color 24 LEDs or tricolor 30 LEDs

**INPUT VOLTAGE RANGE** 9-16 Vdc

**NUMBER OF LEDS AND MAXIMUM CURRENT DRAW @ 12.8 VDC**

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Inboard Warning Modules</td>
<td>&lt;1.0 Amp</td>
<td>&lt;1.5 Amp</td>
<td>&lt;1.0 Amp</td>
<td>&lt;2.0 Amp</td>
<td>&lt;2.0 Amp</td>
<td></td>
</tr>
<tr>
<td>Corner Modules</td>
<td></td>
<td></td>
<td>&lt;2.0 Amp</td>
<td>&lt;3.0 Amp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Takedown</td>
<td></td>
<td></td>
<td>&lt;2.0 Amp</td>
<td>&lt;3.0 Amp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alley</td>
<td></td>
<td></td>
<td>&lt;1.0 Amp</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NUMBER OF LEDS AND MAXIMUM WATTAGE @ 12.8 VDC**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Inboard Warning Modules</td>
<td>&lt;6.4 Watts</td>
<td>&lt;9.6 Watts</td>
<td>&lt;6.4 Watts</td>
<td>&lt;12.8 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corner Modules</td>
<td></td>
<td></td>
<td>&lt;12.8 Watts</td>
<td>&lt;19.2 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Takedown</td>
<td>6 LED: &lt;12.8 Watts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alley</td>
<td>3 LED: &lt;6.4 Watts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FLASH PATTERNS**

- Warning: 66
- Takedown/Alley: 25
- Arrow L/C/R: 11

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

**DIMENSIONS**

- **Lengths**
  - 2 Module: 24” (61 cm); 4 Module: 36” (91 cm); 5 Module: 42” (107 cm); 6 Module: 48” (122 cm); 7 Module: 54” (137 cm); 8 Module: 60” (152 cm) or 10 Module: 72” (183 cm)

- **Height**
  - All modules: 2.55” (6.5 cm)

- **Depth**
  - All modules: 12” (31 cm)

**MOUNTS**

- Standard hook kit mount with angle adjustment wedge
- Headache rack mount

**CERTIFICATIONS**

- SAE J845/J595 Class 1 certified and California Title 13, Class B certified
- ECE R65 Category T, Class 2 certified (red or blue) and EMC/ECE R10-4 certified

**WARRANTY**

- Five-year

---

**ACCESSORIES**

Lightbar sold separately.

<table>
<thead>
<tr>
<th><strong>Auto Dim Retrofit Kit</strong></th>
<th><strong>Blue</strong></th>
<th>PNFLBTRDRLBL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Includes auto dim sensor board, harnesses, mounting hardware and top cover</td>
<td><strong>Graphite</strong></td>
<td>PNFLBTRDRLGY</td>
</tr>
<tr>
<td></td>
<td><strong>Red</strong></td>
<td>PNFLBTRDRLRD</td>
</tr>
<tr>
<td></td>
<td>Amber Lexan Cover</td>
<td>PNFLBTRDRLYL</td>
</tr>
</tbody>
</table>

| **Retrofit Solar Panel Kit** | **Blue** | PNFLBTSGLBL |
| Not available for the 24 inch lightbar | **Gray** | PNFLBTSGLGY |
|                                    | **Red**  | PNFLBTSGLRD |
|                                    | **Yellow** | PNFLBTSGLYL |
nFORCE Lightbar Application Photos

nFORCE® Perimeter

mpower® Fascia
### Features
- Modules can be configured as single, dual or tricolor for maximum functionality
- Inboard modules are available in single color 6 LEDs, dual color 12 LEDs or tricolor 18 LEDs
- Corner modules are offered in single color 12 LEDs, dual color 24 or 36 LEDs
- Available with tricolor alleys
- Alley modules are offered in single color 3 LEDs, dual color 6 LEDs or tricolor 9 LEDs

<table>
<thead>
<tr>
<th>LIGHTBARS</th>
<th>OPTIONS</th>
<th>FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENNLB</td>
<td>•</td>
<td>To order configured products, contact your sales representative or customer service department.</td>
</tr>
</tbody>
</table>

### Specifications

#### Input Voltage Range
10-32 Vdc

#### Number of LEDs and Maximum Current Draw @ 12.8 VDC

<table>
<thead>
<tr>
<th>Module Type</th>
<th>Single Color</th>
<th>Dual Color</th>
<th>Tricolor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inboard Warning</strong></td>
<td>≤1.0 Amp</td>
<td>≤1.0 Amp</td>
<td>≤1.0 Amp</td>
</tr>
<tr>
<td><strong>Corner</strong></td>
<td>≤2.0 Amp</td>
<td>≤2.0 Amp</td>
<td>≤2.0 Amp</td>
</tr>
<tr>
<td><strong>Takedown</strong></td>
<td>1.0 Amp</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alley</strong></td>
<td>≤0.6 Amp</td>
<td>≤0.6 Amp</td>
<td>≤0.6 Amp</td>
</tr>
</tbody>
</table>

#### Number of LEDs and Maximum Wattage @ 12.8 VDC

<table>
<thead>
<tr>
<th>Module Type</th>
<th>Single Color</th>
<th>Dual Color</th>
<th>Tricolor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Inboard Warning</strong></td>
<td>≤6.4 Watts</td>
<td>≤6.4 Watts</td>
<td>≤6.4 Watts</td>
</tr>
<tr>
<td><strong>Corner</strong></td>
<td>≤12.8 Watts</td>
<td>≤12.8 Watts</td>
<td>≤12.8 Watts</td>
</tr>
<tr>
<td><strong>Takedown</strong></td>
<td>12.8 Watts</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Alley</strong></td>
<td>≤3.2 Watts</td>
<td>≤3.2 Watts</td>
<td>3.2 Watts</td>
</tr>
</tbody>
</table>

#### Operating Temperature
-40°C to +65°C / -40°F to +149°F

#### Dimensions
- Lengths:
  - 2 Module: 24” (61 cm)
  - 4 Module: 36” (91 cm)
  - 5 Module: 42” (107 cm)
  - 6 Module: 48” (122 cm)
  - 7 Module: 54” (137 cm)
  - 8 Module: 60” (152 cm)
  - 10 Module: 72” (183 cm)
- Height: 2.24” (5.69 cm)
- Depth: 12” (31 cm)

#### Mounts
- Standard hook kit mount with angle adjustment wedge
- Headache rack mount

#### Certifications
- SAE J845/J595 Class 1 certified and California Title 13, Class B certified

#### Warranty
- Five-year

To order configured products, contact your sales representative or customer service department.
Features
• Fusion Technology, the optic is designed like a lighthouse to boost the light farther and wider for a brighter, safer warning signal
• Streamlined, modular design is easy to maintain with field replaceable modules that are easily upgradeable
• Clear or color lenses in blue, red or amber
• 6 or 12 LED dual color arrow option available
• Dimming capability

INPUT VOLTAGE RANGE
10-16 Vdc

NUMBER OF LEDS AND MAXIMUM CURRENT DRAW @ 12.8 VDC
Inboard Warning Modules
6 LED Single Color: <1.0 Amp
12 LED Dual Color: <1.0 Amp
Corner Module
12 LED Single Color: <2.0 Amp
Takedown
6 LED: <1.0 Amp
Alley
1 LED: <0.5 Amp

NUMBER OF LEDS AND MAXIMUM WATTAGE @ 12.8 VDC
Inboard Warning Modules
6 LED Single Color: <6.4 Watts
12 LED Dual Color: <6.4 Watts
Corner Module
12 LED Single Color: <12.8 Watts
Takedown
6 LED: <12.8 Watts
Alley
1 LED: <6.4 Watts

FLASH PATTERNS
Warning
21
Takedown
5
Alley
5
Arrow L/C/R
4
Arrow Warning
Solid 9 or Split 17

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

DIMENSIONS
Lengths
4 Module: 36” (91 cm); 5 Module: 42” (107 cm); 6 Module: 48” (122 cm); 7 Module: 54” (137 cm); 8 Module: 60” (152 cm) or 9 Module: 72” (183 cm)
Height
All modules: Inboard: 1.75” (4.45 cm) and corner: 2.5” (6.35 cm)
Depth
All modules: 10” (25 cm)

MOUNTS
Adjustable mount
Headache mount
Low profile fixed mount

CERTIFICATIONS
SAE J845 and J595 Class 1 certified
Article 22, CA Title 13 certified

WARRANTY
Five-year

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

- A slim profile, available in lengths from 36 to 72 inches
- nFUSE xl is available in lengths from 24 to 72 inches
- Modules can be configured as single or dual color
- Lightbars with dual color modules that include white LEDs can provide a full 360 degrees of bright scene lighting
- Replaceable outer lens available in clear, amber, red or blue
- Arrow control modules can be combined with warning colors for maximum functionality
- Windows-based PC application to simplify programming, enhance configurability and control
- Over 50 flash patterns, including cruise mode, takedown and alley (when properly configured) and R/L/C arrow (when properly configured)
- Auto dimming

**INPUT VOLTAGE RANGE** 9-32 Vdc

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

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Lengths</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14 Module</td>
<td>36“ (91.4 cm)</td>
</tr>
<tr>
<td>16 Module</td>
<td>42“ (106.7 cm)</td>
</tr>
<tr>
<td>18 Module</td>
<td>48“ (121.9 cm)</td>
</tr>
<tr>
<td>20 Module</td>
<td>54“ (137.2 cm)</td>
</tr>
<tr>
<td>22 Module</td>
<td>60“ (152.4 cm)</td>
</tr>
<tr>
<td>26 Module</td>
<td>72“ (182.8 cm)</td>
</tr>
</tbody>
</table>

**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

**WARRANTY**

- Five-year
Features

- Available in lengths from 24 to 72 inches
- Modules can be configured as single or dual color
- Lightbars with dual color modules that include white LEDs can provide a full 360 degrees of bright scene lighting
- Replaceable outer lens available in clear, amber, red or blue
- Arrow control modules can be combined with warning colors for maximum functionality
- Windows-based PC application to simplify programming, enhance configurability and control
- Over 50 flash patterns, including cruise mode, takedown and alley (when properly configured) and R/L/C arrow (when properly configured)
- Auto dimming

<table>
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<tr>
<th>INPUT VOLTAGE RANGE</th>
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</thead>
<tbody>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40°C to + 65°C / -40°F to + 149°F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lengths</td>
<td>20 Modules: 24” (61.0 cm)</td>
</tr>
<tr>
<td></td>
<td>28 Modules: 36” (91.4 cm)</td>
</tr>
<tr>
<td></td>
<td>32 Modules: 42” (106.7 cm)</td>
</tr>
<tr>
<td></td>
<td>36 Modules: 48” (121.9 cm)</td>
</tr>
<tr>
<td></td>
<td>40 Modules: 54” (137.2 cm)</td>
</tr>
<tr>
<td></td>
<td>44 Modules: 60” (152.4 cm)</td>
</tr>
<tr>
<td></td>
<td>52 Modules: 72” (182.8 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MOUNTS</th>
<th>Standard hook bracket mount with wide angle adjustments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Headache rack mount</td>
</tr>
</tbody>
</table>

| CERTIFICATIONS | SAE J845/J595 Class 1 certified                        |
|                | CA Title 13, Class B certified                         |
|                | NFPA Compliant                                         |

| WARRANTY      | Five-year                                              |

Contact your sales representative regarding product availability.
### Features

- Modules are offered in single color 6 or 9 LEDs, dual color 12 LEDs or tricolor 18 LEDs
- Windows-based PC application simplified programming and enhances configurability and control
- User configurable options include cruise mode, nighttime manual dimming, 34 programmable flash patterns and steady burn
- Direct connect option is available with single or dual color lightbars
  - The lightbar simplifies installation by eliminating the breakout box and connecting activation wires directly to the lightbar
- Takedown modules can be designated anywhere
- Universal model with adjustable mounting brackets accommodate most windshield angles for even broader vehicle compatibility
- Vehicle-specific shrouds available
- Easy connection with CAT5 from breakout box to light/siren controller

### Technical Specifications

#### INPUT VOLTAGE RANGE
10-16 Vdc

#### NUMBER OF LEDS AND MAXIMUM CURRENT DRAW @ 12.8 VDC

| LED Modules | 6 LED Single Color: <1.0 Amp; 9 LED Single Color: <1.5 Amps; 12 LED Dual Color: <1.0 Amp or 18 Tricolor: <1.0 Amp |

#### NUMBER OF LEDS AND MAXIMUM WATTAGE @ 12.8 VDC


#### FLASH PATTERNS

| Pattern | 34 | 8 |

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

### DIMENSIONS

<table>
<thead>
<tr>
<th>3 Module</th>
<th>4 Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>14.3&quot; (36 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>1&quot; (2.5 cm)</td>
</tr>
<tr>
<td>Depth</td>
<td>5&quot; to 7.5&quot; (12.7 cm to 19 cm) each side adjustable 7.5&quot; (19 cm) (universal, each side)</td>
</tr>
</tbody>
</table>

### WARRANTY
Five-year
Features

- Single, dual and tricolor capabilities
- Silicone molded optic design delivers advantages over conventional polycarbonate lenses
- Multiple mounting options: permanent, pipe, magnetic and mirror mounts
- Ability to spec 4-16 modules with single and dual stacked options
- Rugged construction with non-corrosive aluminum top/bottom and durable rubber corners
- Available in silver or black housing
- Current 3-wire four inch mpower lightbar module variants
- Synchronizes with other sync 2 products
- Secondary flash or steady burn options
- Environmentally-safe materials which allow disassembly after useable life; may be recycled
- Wire exit is located through the bottom, rear of the light
- Ability to spec blank modules

INPUT VOLTAGE RANGE 9-32 Vdc

FLASH PATTERNS
Single, Dual and Tricolor Quint (SAE); Warp, Inter-Cycle; Double (SAE); Quad; Power Pulse; Road Runner (SAE/CaXIII); Q-Switch (SAE); Steady Burn + Flash; Roadrunner; Steady Burn + Flash; Quad; Quad 2 and Double 2
Dual and Tricolor Random 1 and Random 2

OPERATING TEMPERATURE -40° C to +85° C, thermal fold back may begin at temperatures above +50° C ambient

CIRCUIT PROTECTION Reverse polarity, transient voltage and high temperature and over-voltage

DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>1x1 Single Stack</th>
<th>1x1 Dual Stack</th>
<th>2x2 Single Stack</th>
<th>2x2 Dual Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lengths</td>
<td>7.46&quot; (19 cm)</td>
<td>7.46&quot; (19 cm)</td>
<td>11.71&quot; (29.74 cm)</td>
<td>11.71&quot; (29.74 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>1.5&quot; (3.8 cm)</td>
<td>2.4&quot; (6.1 cm)</td>
<td>1.5&quot; (3.8 cm)</td>
<td>2.4&quot; (6.1 cm)</td>
</tr>
</tbody>
</table>

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

WARRANTY
Five-year (ten-year on UV lens discoloration)

To order configured products, contact your sales representative or customer service department.
Fleet Series Exterior Full Size Lightbar

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
- Inboard and corner modules are offered in single color LED modules, single color LED max modules, dual color LED modules or dual color LED max modules
- Arrow control modules can be combined with warning colors for maximum functionality
- Includes cruise mode, low power mode and two front and rear control modes (direct connect)
- Takedowns, work light and stop/tail/turn modules are optional

INPUT VOLTAGE RANGE

10-16 Vdc

NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC

<table>
<thead>
<tr>
<th>Modules</th>
<th>Single Color, LED modules:</th>
<th>LED max modules:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inboard Warning Modules</td>
<td>&lt;.4 Amp</td>
<td>&lt;.6 Amp</td>
</tr>
<tr>
<td>Corner Modules</td>
<td>&lt;.4 Amp</td>
<td>&lt;.6 Amp</td>
</tr>
<tr>
<td>Takedown</td>
<td>&lt;.4 Amp</td>
<td></td>
</tr>
<tr>
<td>Alley</td>
<td>&lt;.5 Amp</td>
<td></td>
</tr>
</tbody>
</table>

NUMBER OF LEDS AND MAXIMUM DRAW PER MODULE @ 12.8 Vdc

<table>
<thead>
<tr>
<th>Modules</th>
<th>Single Color, LED modules:</th>
<th>LED max modules:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inboard Warning Modules</td>
<td>&lt;2.6 Watts</td>
<td>&lt;3.8 Watts</td>
</tr>
<tr>
<td>Corner Modules</td>
<td>&lt;2.6 Watts</td>
<td>&lt;3.8 Watts</td>
</tr>
<tr>
<td>Takedown</td>
<td>&lt;5.1 Watts</td>
<td></td>
</tr>
<tr>
<td>Alley</td>
<td>&lt;6.4 Watts</td>
<td></td>
</tr>
</tbody>
</table>

OPERATING TEMPERATURE

-40° C to +65° C / -40° F to +149° F

STANDBY CURRENT

@ 35 Degrees C: <0.1 mA

DIMENSIONS

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>4 Module: 36&quot; (91 cm); 5 Module: 42&quot; (107 cm); 6 Module: 48&quot; (122 cm); 7 Module: 54&quot; (137 cm) or 8 Module: 60&quot; (152 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>All modules: 2.55&quot; (6.5 cm)</td>
</tr>
<tr>
<td>Depth</td>
<td>All modules: 12&quot; (31 cm)</td>
</tr>
</tbody>
</table>

MOUNTS

Standard Hook Bracket mount with angle adjustment wedges
Headache Rack mount

CERTIFICATIONS

SAE J845/J595 Class 1 certified
California Title 13, Class B certified

WARRANTY

Five-year

ACCESSORIES

Lightbar sold separately.

Auto Dim Retrofit Kit
Includes auto dim sensor board, harnesses, mounting hardware and top cover
Blue: PNFLBTRDRLBL
Graphite: PNFLBTRDRLGY
Red: PNFLBTRDRLRD
Amber Lexan Cover: PNFLBTRDRLYL

Retrofit Solar Panel Kit
Not available for the 24 inch lightbar
Blue: PNFLBSLGLBL
Gray: PNFLBSLGLGY
Red: PNFLBSLGLRD
Yellow: PNFLBSLGLYL
nROADS Fleet Series Exterior Lightbar
Connect-n-Go System

nROADS Fleet Series Connect-n-Go system streamlines installation and saves you money!

This pre-programmed lighting system includes an nROADS Fleet Series exterior lightbar, handheld remote controller and the choice of four, two or zero mpower® Fascia lights.

---

This system is ordered only through the configurator.

Below is a list of what is included with the system and perimeter light ordering options.

**Included:** nROADS Fleet Series exterior lightbar and handheld remote controller

**Options:**
- Four mpower® four inch lights (two front and two rear of the vehicle)
- Two mpower® four inch lights (choice of installation, in front or rear of the vehicle)
- No mpower® four inch lights

---

mpower® Fascia Four Inch Options

<table>
<thead>
<tr>
<th>Quick Mount</th>
<th>Stud Mount</th>
<th>Screw Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single Colors</strong></td>
<td><strong>Single Colors</strong></td>
<td><strong>Single Colors</strong></td>
</tr>
<tr>
<td>6 LED EMPSCG2QMS2(x)</td>
<td>6 LED EMPSCG2QMS2(x)</td>
<td>6 LED EMPSCG2SMS2(x)</td>
</tr>
<tr>
<td>8 LED EMPSCG2QMS3(x)</td>
<td>8 LED EMPSCG2STSMS3(x)</td>
<td>8 LED EMPSCG2SMS3(x)</td>
</tr>
<tr>
<td><strong>Dual Colors</strong></td>
<td><strong>Dual Colors</strong></td>
<td><strong>Dual Colors</strong></td>
</tr>
<tr>
<td>12 LED EMPSCG2QMS4(x)</td>
<td>12 LED EMPSCG2STSMS4(x)</td>
<td>12 LED EMPSCG2SMS4(x)</td>
</tr>
</tbody>
</table>

---

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

<table>
<thead>
<tr>
<th>6 or 8 LED Single Colors</th>
<th>8 or 12 LED Dual Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = ●</td>
<td>D = ○</td>
</tr>
<tr>
<td>B = ●</td>
<td>E = ○</td>
</tr>
<tr>
<td>R = ●</td>
<td>F = ●</td>
</tr>
<tr>
<td>W = ○</td>
<td>J = ● ●</td>
</tr>
</tbody>
</table>

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

**Features**

- Reduces complexity from choosing varieties of pre-configured lightbar options
- Select two assigned flash patterns at time of order, having the ability to change once installation has been completed
- Controls entire Connect-n-Go system with a user-friendly handheld remote controller
- Streamlined installation
## LIGHTBARS

### Exterior Mid-Size Lightbar

<table>
<thead>
<tr>
<th>Magnetic with Cig Plug</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Split Bar</td>
<td>Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED, Split Bar</td>
<td>Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Permanent</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Split Bar</td>
<td>Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED, Split Bar</td>
<td>Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Headache Rack</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Solid Bar</td>
<td>Single Color, Amber-Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Split Bar</td>
<td>Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED, Split Bar</td>
<td>Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

### SOLID LIGHTBAR

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

<table>
<thead>
<tr>
<th>Single Color</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Colors</td>
<td>DD = ● ○</td>
</tr>
</tbody>
</table>

### SPLIT LIGHTBAR

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

<table>
<thead>
<tr>
<th>Single Colors</th>
<th>AW = ● ○</th>
<th>RA = ● ●</th>
<th>RW = ● ○</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Colors</td>
<td>DD = ● ○</td>
<td>FF = ● ○</td>
<td>KK = ● ●</td>
</tr>
</tbody>
</table>

**Replace (xs) in the Order Number for Standard Color Selection**

| Single Colors | AW = ● ○ | RA = ● ● | RW = ● ○ |

To order configured products, contact your sales representative or customer service department.
nROADS Exterior Mid-Size Lightbar

Features
- Lightbars can be configured as single, dual or tricolor for maximum functionality
  - Single color: your choice of 3 LED, 6 LED, 9 LED or 12 LED modules
  - Dual color: 6 LED or 12 LED modules (direct connect only)
  - Tricolor: 18 LED modules (direct connect only)
- Available in magnetic, standard permanent or headache rack mounts
  - Magnetic mount includes a 10 foot cig plug cord with integrated 2-button rocker switch panel
- Ability to customize with all white illumination to light up work areas
- Cruise and low power modes
- Premium aluminum base
- Durable polycarbonate lens

<table>
<thead>
<tr>
<th>INPUT VOLTAGE RANGE</th>
<th>10-16 Vdc (9-32 Vdc is available upon request)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF LEDS AND MAXIMUM DRAW PER MODULE @ 12.8 VDC</td>
<td></td>
</tr>
<tr>
<td>3 LED Single Color</td>
<td>.5 Amp</td>
</tr>
<tr>
<td>6 LED Single Color</td>
<td>1 Amp</td>
</tr>
<tr>
<td>6 LED Dual Color</td>
<td>.5 Amp</td>
</tr>
<tr>
<td>9 LED Single Color</td>
<td>1.5 Amp</td>
</tr>
<tr>
<td>NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC</td>
<td></td>
</tr>
<tr>
<td>3 LED Single Color</td>
<td>Steady burn, 6.4 Watts, flashing, 3.2 Watts</td>
</tr>
<tr>
<td>6 LED Single Color</td>
<td>Steady burn, 12.8 Watts, flashing, 6.4 Watts</td>
</tr>
<tr>
<td>6 LED Dual Color</td>
<td>Steady burn, 6.4 Watts, flashing, 3.2 Watts</td>
</tr>
<tr>
<td>9 LED Single Color</td>
<td>Steady burn, 19.2 Watts, flashing, 9.6 Watts</td>
</tr>
<tr>
<td>12 LED Single Color</td>
<td>Steady burn, 25.6 Watts, flashing, 12.8 Watts</td>
</tr>
<tr>
<td>12 LED Dual Color</td>
<td>Steady burn, 12.8 Watts, flashing, 6.4 Watts</td>
</tr>
<tr>
<td>18 LED Tricolor</td>
<td>Steady burn, 12.8 Watts, flashing, 6.4 Watts</td>
</tr>
<tr>
<td>FLASH PATTERNS</td>
<td>43 flash patterns and 9 user-selectable modes</td>
</tr>
<tr>
<td>LIGHT SYNC</td>
<td>Up to 24</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40° C to +65° C</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>8 module: 24.25&quot; (61.6 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>2.83&quot; (7.2 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>7.95&quot; (20.2 cm)</td>
</tr>
<tr>
<td>MOUNTS</td>
<td>Magnetic mount</td>
</tr>
<tr>
<td></td>
<td>Standard Permanent mount</td>
</tr>
<tr>
<td></td>
<td>Headache Rack mount</td>
</tr>
<tr>
<td>CERTIFICATIONS</td>
<td>J845 Class 2 certified: 3 LED Single and 6 LED Dual Colors</td>
</tr>
<tr>
<td></td>
<td>J845 Class 1 certified: 6, 9 and 12 LED Single, 12 LED Dual and 18 LED Tricolors</td>
</tr>
<tr>
<td></td>
<td>CA Title 13 certified: Solid Colors (amber, blue or red)</td>
</tr>
<tr>
<td>WARRANTY</td>
<td>Five-year</td>
</tr>
</tbody>
</table>

ACCESSORIES
Lightbar and replacement modules sold separately.

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

**Magnetic with Cig Plug**

<table>
<thead>
<tr>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Split Bar Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED, Solid Bar Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

**Standard Permanent**

<table>
<thead>
<tr>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
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</tr>
<tr>
<td>3 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Split Bar Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED, Solid or Split Bar Single or Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

**Headache Rack**

<table>
<thead>
<tr>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
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</thead>
<tbody>
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<td>Class 2</td>
</tr>
<tr>
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<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED, Split Bar Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
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<td>12 LED, Solid Bar Single Color, Amber/Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED, Solid or Split Bar Single or Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

## SOLID LIGHTBAR

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

### Single Color

<table>
<thead>
<tr>
<th>Color</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>●●</td>
</tr>
</tbody>
</table>

### Dual Colors

<table>
<thead>
<tr>
<th>Color</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD</td>
<td>●○</td>
</tr>
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</tr>
<tr>
<td>KK</td>
<td>●●</td>
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</table>

## SPLIT LIGHTBAR

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

### Single Colors

<table>
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<tr>
<th>Color</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>AW</td>
<td>●○</td>
</tr>
<tr>
<td>RA</td>
<td>●●</td>
</tr>
<tr>
<td>RW</td>
<td>●○</td>
</tr>
</tbody>
</table>

### Dual Colors

<table>
<thead>
<tr>
<th>Color</th>
<th>Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD</td>
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</tr>
<tr>
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</tr>
<tr>
<td>KK</td>
<td>●●</td>
</tr>
</tbody>
</table>

To order configured products, contact your sales representative or customer service department.
nROADS Exterior Mini Lightbar

Features

- Lightbars can be configured as single, dual or tricolor for maximum functionality
  - Single color: your choice of 3 LED, 6 LED, 9 LED or 12 LED modules
  - Dual color: 6 LED or 12 LED modules (direct connect only)
  - Tricolor: 18 LED modules (direct connect only)
- Available in magnetic, standard permanent or headache rack mounts
  - Magnetic mount includes a 10 foot cig plug cord with integrated 2-button rocker switch panel
- Ability to customize with all white illumination to light up work areas
- Cruise and low power modes
- Premium aluminum base
- Durable polycarbonate lens

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<tr>
<th>INPUT VOLTAGE RANGE</th>
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</tr>
<tr>
<td>6 LED Single Color</td>
<td>1 Amp</td>
</tr>
<tr>
<td>6 LED Dual Color</td>
<td>.5 Amp</td>
</tr>
<tr>
<td>9 LED Single Color</td>
<td>1.5 Amp</td>
</tr>
</tbody>
</table>

| NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC | |
| 3 LED Single Color | Steady burn, 6.4 Watts, flashing, 3.2 Watts |
| 6 LED Single Color | Steady burn, 12.8 Watts, flashing, 6.4 Watts |
| 6 LED Dual Color | Steady burn, 6.4 Watts, flashing, 3.2 Watts |
| 9 LED Single Color | Steady burn, 19.2 Watts, flashing, 9.6 Watts |
| 12 LED Single Color | Steady burn, 25.6 Watts, flashing, 12.8 Watts |
| 12 LED Dual Color | Steady burn, 12.8 Watts, flashing, 6.4 Watts |
| 18 LED Tricolor | Steady burn, 12.8 Watts, flashing, 6.4 Watts |

| FLASH PATTERNS | 43 flash patterns and 9 user selectable modes |
| LIGHT SYNC | Up to 24 |
| OPERATING TEMPERATURE | -40° C to + 65° C |
| DIMENSIONS | |
| Length | 6 Module: 17.2" (43.7 cm) |
| Height | 2.83" (7.2 cm) |
| Width | 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) |
| WARRANTY | Five-year |

ACCESSORIES

Lightbar and replacement modules sold separately.

- **Cig Plug Controller** (configuration option) | Four Button | PCPNR401 |
- **VHB Magnetic Plate Adapter Kit** | One VHB pad and metal plate | PNRLBK03
## Exterior 7000 and 7100 Mini Lightbars

### 7000 Clear Dome
- **Magnetic Mount**
- **Magnetic with Cig Plug**  
  - EPL7M+(x)C  
  - Replace (x) in the Order Number for Standard Color Selection

### 7100 Clear Dome
- **Magnetic Mount**
- **Amber LEDs**  
  - EPL71M+AC
- **Amber/White LEDs**  
  - EPL71M+FC
- **Red/Amber LEDs**  
  - EPL71M+KC
- **Blue/Amber LEDs**  
  - EPL71M+MC
- **Green Solid/Split LEDs**  
  - EPL71M+(x)C

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

<table>
<thead>
<tr>
<th>Solid Colors</th>
<th>A = ●</th>
<th>B = ●</th>
<th>R = ●</th>
<th>W = ○</th>
<th>G = ●</th>
</tr>
</thead>
<tbody>
<tr>
<td>Split Colors</td>
<td>D = ○</td>
<td>E = ○</td>
<td>F = ○</td>
<td>J = ●●</td>
<td>K = ●●</td>
</tr>
</tbody>
</table>

### Features
- Magnetic mount has cig plug with 2-button switch panel (on, off and flash pattern advance)
  - Red LED indicator light and 10' cord length; 4 extra strong magnets each with an 85 pound pull each preventing slipping and moving

### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INPUT VOLTAGE RANGE</strong></td>
<td>10-16 Vdc</td>
</tr>
<tr>
<td><strong>CURRENT DRAW</strong></td>
<td>2 Amp average @ 12.8 Vdc</td>
</tr>
<tr>
<td><strong>LED COUNT</strong></td>
<td>24 LEDs</td>
</tr>
<tr>
<td><strong>FLASH PATTERNS</strong></td>
<td>28</td>
</tr>
<tr>
<td><strong>OPERATING TEMPERATURE</strong></td>
<td>-40° C to +65° C / -40° F to +149° F</td>
</tr>
<tr>
<td><strong>DIMENSIONS</strong></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>14.16' (36 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>1.90' (4.8 cm)</td>
</tr>
<tr>
<td>Depth</td>
<td>8.27' (21 cm)</td>
</tr>
<tr>
<td><strong>MOUNTS</strong></td>
<td>Magnetic, permanent and high permanent mounts</td>
</tr>
<tr>
<td><strong>CERTIFICATIONS</strong></td>
<td>7000  SAE J845 Class 1 certified (blue or red solid color LEDs)</td>
</tr>
<tr>
<td></td>
<td>7100  SAE J845 Class 1 certified (amber solid color LEDs)</td>
</tr>
<tr>
<td><strong>WARRANTY</strong></td>
<td>Five-year</td>
</tr>
</tbody>
</table>

### ACCESSORY

- **Lightbar and replacement modules sold separately.**
- **VHB Magnetic Plate Adapter Kit** (includes one VHB pad and metal plate)  
  - PNRLBK03  
  - Additional mounting options when using non-magnetic mounting surfaces.

  Note: 4 (four) plate adapter kits are required for the mini lightbar.

---

1.800.338.7337
**mpower® Non-bracket Arrow System**

**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

**Arrow Harness Kits**
- Includes 12 inch breakout box and harness, two distribution harnesses and a 15 foot power/control harness
- Includes 36 inch breakout box and harness, two distribution harnesses and a 15 foot power/control harness

**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

**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

**Bracket and Non-Bracket**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Bracket</th>
<th>Non-bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INPUT VOLTAGE RANGE</strong></td>
<td>9-32 Vdc</td>
<td>9-32 Vdc</td>
</tr>
<tr>
<td><strong>CURRENT STANDBY</strong></td>
<td>&lt; 1.0 Amp @ 12.8 Vdc, &lt; 0.5 Amp @ 25.6 Vdc</td>
<td>&lt; 1.0 Amp @ 12.8 Vdc, &lt; 0.5 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td><strong>FLASH PATTERNS</strong></td>
<td>Bracket: 66 single, 25 dual or 11 tricolor patterns</td>
<td>Non-bracket: 28 single, 22 dual or 19 tricolor patterns</td>
</tr>
<tr>
<td><strong>OPERATING TEMPERATURE</strong></td>
<td>-40° C to +65° C</td>
<td>-40° C to +65° C</td>
</tr>
<tr>
<td><strong>CERTIFICATIONS</strong></td>
<td>SAE J595 Class 1 certified</td>
<td>SAE J595 Class 1 certified</td>
</tr>
<tr>
<td></td>
<td>SAE J845 Class 1 certified</td>
<td>SAE J845 Class 1 certified</td>
</tr>
<tr>
<td></td>
<td>CA Title 13, Article 22 compliant</td>
<td>CA Title 13, Article 22 compliant</td>
</tr>
<tr>
<td><strong>WARRANTY</strong></td>
<td>Five-year</td>
<td>Five-year</td>
</tr>
</tbody>
</table>
### VEHICLE SPECIFIC ACCESSORIES

Lights and replacement modules sold separately.

#### BRACKETS

**Chevrolet**  
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

---

Chevrolet bracket shown. Sold in pairs.
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

Contact your sales representative for availability of this product.
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

---

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

**Exterior and Interior Directional Warning Bars**

## Exterior Directional Warning

<table>
<thead>
<tr>
<th>Solid and Split Colors</th>
<th>Exterior Directional Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Module</td>
<td>EL3PD02A00(x)</td>
</tr>
<tr>
<td>4 Module</td>
<td>EL3PD04A00(x)</td>
</tr>
<tr>
<td>8 Module</td>
<td>EL3PD08A00(x)</td>
</tr>
<tr>
<td>Single Warning Ends, Amber Center</td>
<td>EL3PD08A10(x)</td>
</tr>
<tr>
<td>8 Module</td>
<td>EL3PD08B10(x)</td>
</tr>
<tr>
<td>12 Module</td>
<td>EL3PD12A00(x)</td>
</tr>
<tr>
<td>Single Warning Ends, Amber Center</td>
<td>EL3PD12A10(x)</td>
</tr>
<tr>
<td>12 Module</td>
<td>EL3PD12A20(x)</td>
</tr>
<tr>
<td>Dual Warning Ends, Amber Center</td>
<td>EL3PD12A20(x)</td>
</tr>
</tbody>
</table>

## Interior Directional Warning

<table>
<thead>
<tr>
<th>Solid and Split Colors</th>
<th>Interior Directional Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Module</td>
<td>EL3PH04A00(x)</td>
</tr>
<tr>
<td>8 Module</td>
<td>EL3PH08A00(x)</td>
</tr>
<tr>
<td>Single Warning Ends, Amber Center</td>
<td>EL3PH08A10(x)</td>
</tr>
<tr>
<td>8 Module</td>
<td>EL3PH08B10(x)</td>
</tr>
<tr>
<td>12 Module</td>
<td>EL3PH12A00(x)</td>
</tr>
<tr>
<td>Single Warning Ends, Amber Center</td>
<td>EL3PH12A10(x)</td>
</tr>
<tr>
<td>12 Module</td>
<td>EL3PH12A20(x)</td>
</tr>
<tr>
<td>Dual Warning Ends, Amber Center</td>
<td>EL3PH12B10(x)</td>
</tr>
<tr>
<td>12 Module</td>
<td>EL3PH12B20(x)</td>
</tr>
<tr>
<td>Windshield Mount</td>
<td>EL3PZ08A00(x)</td>
</tr>
<tr>
<td>8 Module</td>
<td>EL3PZ12A00(x)</td>
</tr>
<tr>
<td>12 Module</td>
<td>EL3PZ12A00(x)</td>
</tr>
</tbody>
</table>

## Interior Windshield

<table>
<thead>
<tr>
<th>Solid and Split Colors</th>
<th>Interior Windshield</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Module</td>
<td>EL3PH02A0+(x)</td>
</tr>
<tr>
<td>4 Module</td>
<td>EL3PH04A0+(x)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solid Colors</th>
<th>A = ●</th>
<th>B = ●</th>
<th>G = ●</th>
<th>R = ●</th>
<th>W = ○</th>
</tr>
</thead>
<tbody>
<tr>
<td>Split Colors</td>
<td>A = ●</td>
<td>B = ●</td>
<td>R = ●</td>
<td>W = ○</td>
<td>D = ●</td>
</tr>
</tbody>
</table>

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

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

(soundoffsignal.com)
UltraLITEplus
Exterior Directional Warning Bar with Arrow Ends

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT VOLTAGE RANGE</td>
<td>10-16 Vdc</td>
</tr>
<tr>
<td>CURRENT DRAW</td>
<td>10 Amps Peak, 5 Amp avg. with 50% duty cycle flash pattern</td>
</tr>
<tr>
<td>FLASH PATTERNS</td>
<td>Warning, arrow or default</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40° C to +85° C</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>Length: 51.75&quot; (131.45 cm)</td>
</tr>
<tr>
<td></td>
<td>Height: 21.5&quot; (54.6 cm)</td>
</tr>
<tr>
<td></td>
<td>Depth: 1.5&quot; (3.8 cm)</td>
</tr>
<tr>
<td>MOUNTING</td>
<td>Attachment brackets (included)</td>
</tr>
<tr>
<td>WARRANTY</td>
<td>Five-year</td>
</tr>
</tbody>
</table>

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

Bracket installed in rear of 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
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)

ACCESSORIES
Exterior and Interior
Directional warning bar sold separately.

BRACKETS

<table>
<thead>
<tr>
<th>BRACKETS</th>
<th>One hole, 1.5 inches, pair</th>
<th>Two holes, 2 inches, pair</th>
<th>Three holes, 2.5 inches, pair</th>
<th>Seven holes, 4 inches, pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal</td>
<td>PUL3DGM01</td>
<td>PUL3DGM02</td>
<td>PUL3DGM03</td>
<td>PUL3DGM</td>
</tr>
</tbody>
</table>

Chevrolet

<table>
<thead>
<tr>
<th>Tahoe</th>
<th>Visor, pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUL3M02</td>
<td></td>
</tr>
</tbody>
</table>
### Stud Mounts

**Three Inch**
- 4 LED, Single Color: EMPS1SLS1(x)
- 8 LED, Single or Dual Colors: EMPS1SLS3(x)
- 12 LED, Tricolor: EMPS1SLS4(xxx)

**Three Inch Ford Grille Mount Application**
- 4 LED, Single Color: EMPS1STS1(x)
- 8 LED, Single or Dual Colors: EMPS1STS3(x)
- 12 LED, Tricolor: EMPS1STS4(xxx)

### Quick Mounts

**Four Inch**
- 6 LED, Single Color: EMPS2STS2(x)
- 8 LED, Single Color: EMPS2STS3(x)
- 12 LED, Dual Color: EMPS2STS4(x)
- 18 LED, Tricolor: EMPS2STS5(xxx)
- Spot: EMPS202KG(x)
- Flood: EMPS202KR-W

### Screw Mounts

**Three Inch**
- 4 LED, Single Color: EMPS1SMS1(x)
- 8 LED, Single or Dual Colors: EMPS1SMS3(x)
- 12 LED, Tricolor: EMPS1SMS4(xxx)

**Four Inch**
- 6 LED, Single Color: EMPS2SMS2(x)
- 8 LED, Single Color: EMPS2SMS3(x)
- 12 LED, Dual Color: EMPS2SMS4(x)
- 18 LED, Tricolor: EMPS2SMS5(xxx)
- Spot: EMPS202KE(x)
- Flood: EMPS202KE(x)-W

**Four x Two Inch**
- 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

**Four x Two Inch**
- 12 LED, Single Color: EMPSA05BW-(x)
- 16 LED, Single Color: EMPSA05BX-(x)
- 24 LED, Dual Color: EMPSA05BY-(x)
- 36 LED, Tricolor, Red/Blue/White: EMPSA05BZ-6

**Fascia Lights**

**Four Inch**
- 6 LED, Single Color: EMPS2STS2(x)
- 8 LED, Single Color: EMPS2STS3(x)
- 12 LED, Dual Color: EMPS2STS4(x)
- 18 LED, Tricolor: EMPS2STS5(xxx)
- Spot: EMPS202KG(x)
- Flood: EMPS202KR-W

**Four x Two Inch**
- 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

**Four x Two Inch**
- 12 LED, Single Color: EMPSA05BW-(x)
- 16 LED, Single Color: EMPSA05BX-(x)
- 24 LED, Dual Color: EMPSA05BY-(x)
- 36 LED, Tricolor, Red/Blue/White: EMPSA05BZ-6
Fascia Lights and HD Light: Replace (x) or (xxx) in the Order Number for Standard Color Selection

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Order Number</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>4, 6 or 8 LED Single Colors</td>
<td>A= ● B= ● R= ● W= ○</td>
<td>EMPS4STS2(x)</td>
</tr>
<tr>
<td>12 or 16 LED Single Colors</td>
<td>A= ● B= ● R= ●</td>
<td>EMPS4STS3(x)</td>
</tr>
<tr>
<td>8 or 12 LED Dual Colors</td>
<td>D= ○ E= ● F= ● J= ●</td>
<td>EMPS4STS4(x)</td>
</tr>
<tr>
<td>12 or 18 LED Tricolors</td>
<td>RBA= ●●● RBW= ●●○</td>
<td>EMPS4STS5(XXX)</td>
</tr>
</tbody>
</table>

Features

- Single, dual or tricolor capabilities
- Silicone molded one-piece housing and optic design delivers advantages over conventional polycarbonate lenses
  - A smaller footprint with maximized candela output
  - Greater resistance to gravel pitting, scratching or cracking
  - Improved sealing to prevent water from entering light
  - Higher UV and thermal stability to prevent lens from yellowing over time
- Compatible with the ConfigureIT system for easy light programming (does not include spot and flood lights)
- Steady-burn with dim function (spot and flood lights only)

INPUT VOLTAGE RANGE
9-32 Vdc

CURRENT DRAW
<1.0 Amp @ 12.8 Vdc, <0.5 Amp @ 25.6 Vdc

LIGHT SYNC
24 single sync 2 lightheads

FLASH PATTERNS
12 Single, 14 Dual or 14 Tricolor patterns (does not include spot and flood lights)

OPERATING TEMPERATURE
-40° C to +65° C

DIMENSIONS

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Length</th>
<th>Height</th>
<th>Depth (from mounting surface)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Inch Stud</td>
<td>3.04&quot;</td>
<td>0.92&quot;</td>
<td>0.42&quot;</td>
</tr>
<tr>
<td>3 Inch Quick</td>
<td>3.04&quot;</td>
<td>0.92&quot;</td>
<td>0.47&quot;</td>
</tr>
<tr>
<td>3 Inch Screw</td>
<td>3.52&quot;</td>
<td>0.92&quot;</td>
<td>0.42&quot;</td>
</tr>
<tr>
<td>4 Inch Stud</td>
<td>4.04&quot;</td>
<td>0.92&quot;</td>
<td>0.42&quot; (from mounting surface)</td>
</tr>
<tr>
<td>4 Inch Quick</td>
<td>4.04&quot;</td>
<td>0.92&quot;</td>
<td>0.47&quot; (from mounting surface)</td>
</tr>
<tr>
<td>4 Inch Screw</td>
<td>4.52&quot;</td>
<td>0.92&quot;</td>
<td>0.42&quot; (from mounting surface)</td>
</tr>
<tr>
<td>4x2 Inch Stud</td>
<td>4.07&quot;</td>
<td>1.5&quot;</td>
<td>0.43&quot; (from mounting surface)</td>
</tr>
<tr>
<td>4x2 Inch Quick</td>
<td>4.07&quot;</td>
<td>1.5&quot;</td>
<td>0.47&quot; (from mounting surface)</td>
</tr>
<tr>
<td>4x2 Inch Screw</td>
<td>4.53&quot;</td>
<td>1.5&quot;</td>
<td>0.43&quot; (from mounting surface)</td>
</tr>
</tbody>
</table>

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)

WARRANTY
Five-year
### FASCIA MOUNT OPTIONS

#### Quick Clip Mount: Quick Clip Bracket

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, black</td>
<td>PMP1BKQCLP</td>
<td></td>
</tr>
<tr>
<td>Four inch, black</td>
<td>PMP2BKQCLP</td>
<td></td>
</tr>
</tbody>
</table>

#### Stud Mount: 90 Degree Adjustable Bracket

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, black</td>
<td>PMP1BKGDAJ</td>
<td></td>
</tr>
<tr>
<td>Three inch, white</td>
<td>PMP1BKGDAJ-W</td>
<td></td>
</tr>
<tr>
<td>Four inch, black</td>
<td>PMP2BKGDAJ</td>
<td></td>
</tr>
<tr>
<td>Four inch, white</td>
<td>PMP2BKGDAJ-W</td>
<td></td>
</tr>
<tr>
<td>Four x Two inch</td>
<td>PMPSA8BKGDAJ</td>
<td></td>
</tr>
</tbody>
</table>

#### Stud Mount: 90 Degree Adjustable Edge Bracket

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, black</td>
<td>PMP1BKGDAJ</td>
<td></td>
</tr>
<tr>
<td>Three inch, white</td>
<td>PMP1BKGDAJ-W</td>
<td></td>
</tr>
<tr>
<td>Four inch, black</td>
<td>PMP2BKGDAJ</td>
<td></td>
</tr>
<tr>
<td>Four inch, white</td>
<td>PMP2BKGDAJ-W</td>
<td></td>
</tr>
</tbody>
</table>

### BRACKETS

#### License Plate, Stud Mount

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, vertical mount</td>
<td>PMP1BRK2LPV</td>
<td></td>
</tr>
<tr>
<td>Four inch, vertical mount</td>
<td>PMP2BRK2LPV</td>
<td></td>
</tr>
</tbody>
</table>

#### Metal

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four x Two inch, 90 degree</td>
<td>PMPSA8DGSB</td>
<td></td>
</tr>
</tbody>
</table>

#### Adjustable, Stud Mount

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four x Two inch, 90 degree</td>
<td>PMPSA8BKGDAJ</td>
<td></td>
</tr>
</tbody>
</table>

### FRAMES

#### License Plate

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four inch, quick mount light</td>
<td>PMP2BRK2LPF</td>
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### WEDGES

#### Quick Mounts

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, black, 5 degree</td>
<td>PMP1WDG05B</td>
<td></td>
</tr>
<tr>
<td>Three inch, black, 15 degree</td>
<td>PMP1WDG15B</td>
<td></td>
</tr>
<tr>
<td>Three inch, black, 35 degree</td>
<td>PMP1WDG35B</td>
<td></td>
</tr>
<tr>
<td>Three inch, white, 5 degree</td>
<td>PMP1WDG05W</td>
<td></td>
</tr>
<tr>
<td>Three inch, white, 15 degree</td>
<td>PMP1WDG15W</td>
<td></td>
</tr>
<tr>
<td>Three inch, white, 35 degree</td>
<td>PMP1WDG35W</td>
<td></td>
</tr>
<tr>
<td>Four inch, black, 5 degree</td>
<td>PMP2WDG05B</td>
<td></td>
</tr>
<tr>
<td>Four inch, black, 15 degree</td>
<td>PMP2WDG15B</td>
<td></td>
</tr>
<tr>
<td>Four inch, black, 35 degree</td>
<td>PMP2WDG35B</td>
<td></td>
</tr>
<tr>
<td>Four inch, white, 5 degree</td>
<td>PMP2WDG05W</td>
<td></td>
</tr>
<tr>
<td>Four inch, white, 15 degree</td>
<td>PMP2WDG15W</td>
<td></td>
</tr>
<tr>
<td>Four inch, white, 35 degree</td>
<td>PMP2WDG35W</td>
<td></td>
</tr>
<tr>
<td>Four x Two inch, black, 5 degree</td>
<td>PMP8WDGB01</td>
<td></td>
</tr>
<tr>
<td>Four x Two inch, black, 15 degree</td>
<td>PMP8WDGB02</td>
<td></td>
</tr>
<tr>
<td>Four x Two inch, black, 35 degree</td>
<td>PMP8WDGB03</td>
<td></td>
</tr>
</tbody>
</table>

Includes wedge and 3M VHB adhesive

### ROCK MOUNT

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four inch, stud mount and HD</td>
<td>PMP4BKRRLB</td>
<td></td>
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</tbody>
</table>

### WINDSHIELD SHROUDS

#### Adjustable 25 to 90 Degrees

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, single, black</td>
<td>PMP1WSSSB</td>
<td></td>
</tr>
<tr>
<td>Three inch, single, white</td>
<td>PMP1WSSSW</td>
<td></td>
</tr>
<tr>
<td>Four inch, single, black</td>
<td>PMP2WSSSB</td>
<td></td>
</tr>
<tr>
<td>Four inch, single, white</td>
<td>PMP2WSSSW</td>
<td></td>
</tr>
<tr>
<td>Three inch, dual, black</td>
<td>PMP1WSDBB</td>
<td></td>
</tr>
<tr>
<td>Three inch, dual, white</td>
<td>PMP1WSDDW</td>
<td></td>
</tr>
<tr>
<td>Four inch, dual, black</td>
<td>PMP2WSDBB</td>
<td></td>
</tr>
<tr>
<td>Four inch, dual, white</td>
<td>PMP2WSDDW</td>
<td></td>
</tr>
</tbody>
</table>

#### Narrow

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three inch, black</td>
<td>PMP1WSS2B</td>
<td></td>
</tr>
</tbody>
</table>
mpower Fascia Light Application Photos

100N Series Speakers

PERIMETER LIGHTING
### Stud Mounts

<table>
<thead>
<tr>
<th>Warning</th>
<th>Backup with Warning, White Backup Operation</th>
<th>Stop/Tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMPSB0C91-x</td>
<td>EMPSB0C91F EMPSB0C91-E EMPSB0C91-D</td>
<td>20 LED, Single Color, Amber EMPSB0C9K-A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Backup</th>
<th>Quick Mounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stud, Quick and Screw Mounts</td>
<td></td>
</tr>
</tbody>
</table>

### Quick Mounts

<table>
<thead>
<tr>
<th>Warning</th>
<th>Backup with Warning, White Backup Operation</th>
<th>Stop/Tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 LED, Single Color</td>
<td>28 LED, Amber Warning 28 LED, Blue Warning 28 LED, Red Warning</td>
<td>20 LED, Single Color, Red EMPSB0C9B-R</td>
</tr>
<tr>
<td>EMPSB0C91-x</td>
<td>EMPSB0C91F EMPSB0C91-E EMPSB0C91-D</td>
<td>20 LED, Single Color, Amber EMPSB0C9C-A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Backup</th>
<th>Screw Mounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stud, Quick and Screw Mounts</td>
<td></td>
</tr>
</tbody>
</table>

### Screw Mounts

<table>
<thead>
<tr>
<th>Warning</th>
<th>Backup with Warning, White Backup Operation</th>
<th>Stop/Tail</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 LED, Single Color</td>
<td>28 LED, Amber Warning 28 LED, Blue Warning 28 LED, Red Warning</td>
<td>20 LED, Single Color, Red EMPSB0C9B-R</td>
</tr>
<tr>
<td>EMPSB0C96-x</td>
<td>EMPSB0C96F EMPSB0C96-E EMPSB0C96-D</td>
<td>20 LED, Single Color, Amber EMPSB0C9C-A</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>12 LED Single Colors</th>
<th>A</th>
<th>B</th>
<th>R</th>
<th>W</th>
</tr>
</thead>
</table>

To order configured products, contact your sales representative or customer service department.
mpower 6 x 4 Inch Silicone Lights

Features
- Powerful lighting output at 180 degree viewing angles perfect for fire and EMS apparatuses
- Extremely functional and customizable for use as stop/tail, turn, reverse, scene or warning light
- Rugged weather-resistant IP67 enclosure
- Five-wire nano connector with 18 inch flying leads
- Durable clear silicone lens
- Industry standard bolt pattern location
- Sync 2 compatible, with other sync 2 products (warning and reverse with warning lights only)
- bluePRINT compatible, runs in slave mode

Available Colors
- All standard single, red stop/tail; amber turn; white reverse or white reverse with amber, blue, green, red or white warning

Input Voltage Range
- 9-32 Vdc

Flash Patterns
- Single 12; 3 sequential turn patterns, plus steady burn on turn and 1 flicker stop on stop/tail

Dimensions
- Length 6.37" (16.17 cm)
- Height 4" (10.16 cm)
- Depth 1.01" (2.56 cm)

Certifications
- SAE J595 Class 1 certified
- CA Title 13 certified
- NFPA, KKK-1822-F
- FMVSS-108 (backup, stop/tail and turn)

Mounting
- Stud, quick or screw mounts

Warranty
- Five-year warranty

UNIVERSAL ACCESSORIES
Lights sold separately.

Hardware Kits

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stud mount</td>
<td>PMP8HK01-ST</td>
</tr>
<tr>
<td>Quick mount</td>
<td>PMP7HK01-QM</td>
</tr>
<tr>
<td>Screw mount</td>
<td>PMP8HK01-SM</td>
</tr>
<tr>
<td>Screw mount, triple and quad</td>
<td>PMP8HK01-BZ</td>
</tr>
</tbody>
</table>

Bezels

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw and stud mounts, single, black</td>
<td>PMP7BZL01B</td>
</tr>
<tr>
<td>Screw and stud mounts, single, chrome</td>
<td>PMP7BZL01C</td>
</tr>
<tr>
<td>Screw mount, triple, chrome</td>
<td>PMP7BZL03C</td>
</tr>
<tr>
<td>Screw mount, quad, chrome</td>
<td>PMP7BZL04C</td>
</tr>
</tbody>
</table>

Coming Soon!

6x4 Inch Silicone Lights in Dual and Tricolor!
Contact your sales representative regarding product availability.

Polycarb Lights

Coming Soon!
Fire/EMS Polycarb 6x4, 7x3 and 9x6 Inch Stud, Quick and Screw Mount Lights!
Contact your sales representative regarding product availability.
**7x3 Inch Silicone Lights**

**WARNING, BACKUP, STOP/TAIL AND TURN**

Stud, Quick and Screw Mounts

---

**Warning**
- 12 LED, Single Color: EMPSC07MH-(x)
- 24 LED, Dual Color: EMPSC07MJ-(x)
- 24 LED, Split Color: EMPSC07MK-(x)
- 36 LED, Tricolor, Red/Blue/Amber: EMPSC07ML-6
- 36 LED, Tricolor, Red/Blue/White: EMPSC07ML-8

**Backup**
- 18 LED, Single Color, White: EMPSC07MM-W

---

**Backup with Warning**
- 28 LED, Amber Warning and White Backup Operation: EMPSC07MN-F
- 28 LED, Blue Warning and White Backup Operation: EMPSC07MN-E
- 28 LED, Red Warning and White Backup Operation: EMPSC07MN-D

**Stop/Tail**
- 18 LED, Single Color, Red: EMPSC07MP-R

**Turn**
- 18 LED, Single Color, Amber: EMPSC07MQ-A

---

**Quick Mounts**

**Warning**
- 12 LED, Single Color: EMPSC07M0-(x)
- 24 LED, Dual Color: EMPSC07M1-(x)
- 24 LED, Split Color: EMPSC07M2-(x)
- 36 LED, Tricolor, Red/Blue/Amber: EMPSC07M3-6
- 36 LED, Tricolor, Red/Blue/Amber: EMPSC07M3-8

**Backup**
- 18 LED, Single Color, White: EMPSC07M4-W

---

**Backup With Warning**
- 28 LED, Amber Warning and White Backup Operation: EMPSC07M5-F
- 28 LED, Blue Warning and White Backup Operation: EMPSC07M5-E
- 28 LED, Red Warning and White Backup Operation: EMPSC07M5-D

**Stop/Tail**
- 18 LED, Single Color, Red: EMPSC07M6-R

**Turn**
- 18 LED, Single Color, Amber: EMPSC07M7-A

---

**Screw Mounts**

**Warning**
- 12 LED, Single Color: EMPSC07M8-(x)
- 24 LED, Dual Color: EMPSC07M9-(x)
- 24 LED, Split Color: EMPSC07MA-(x)
- 36 LED, Tricolor, Red/Blue/Amber: EMPSC07MB-6
- 36 LED, Tricolor, Red/Blue/White: EMPSC07MB-8

**Backup**
- 18 LED, Single Color, White: EMPSC07MC-W

---

**Backup With Warning**
- 28 LED, Amber Warning with White Backup Operation: EMPSC07MD-F
- 28 LED, Blue Warning with White Backup Operation: EMPSC07MD-E
- 28 LED, Red Warning with White Backup Operation: EMPSC07MD-D

**Stop/Tail**
- 18 LED, Single Color, Red: EMPSC07MF-R

**Turn**
- 18 LED, Single Color, Amber: EMPSC07MF-A

---

**Mounting Options**

- Stud Mount
- Quick Mount
- Screw Mount

---

**WARNING, BACKUP, STOP/TAIL AND TURN**

Stud, Quick and Screw Mounts

---

**7x3 Inch Silicone Lights**

---

1.800.338.7337
Features

- Powerful lighting output at 180 degree viewing angles perfect for fire and EMS apparatuses
- Extremely functional and customizable for use as stop/tail, turn, reverse, scene or warning light
- Rugged weather-resistant IP67 enclosure
- Five-wire nano connector with 18 inch flying leads
- Durable clear silicone lens
- Industry standard bolt pattern location
- Sync 2 compatible, with other sync 2 products (warning and reverse with warning lights only)
- bluePRINT compatible, runs in slave mode

NOTE: It is recommended to choose the stud mount option for any dynamic mount surface (swinging panels, doors and tailgates).

| AVAILABLE COLORS | All standard single, dual or tricolors; split warning; red stop/tail; amber turn; white reverse or white reverse with amber, blue, green, red or white warning |
| INPUT VOLTAGE RANGE | 9.32 Vdc |
| FLASH PATTERNS | Single 12; dual and tricolar, 14; 3 sequential turn patterns, plus steady burn on turn and 1 flicker stop on stop/tail |
| DIMENSIONS | Length 7.18" (18.54 cm) | Height 3" (7.62 cm) | Depth 1" (2.54 cm) (without bezel) |
| CERTIFICATIONS | SAE J595 Class 1 certified; CA Title 13 certified; NFPA, KKK-1822-F and FMVSS-108 (backup, stop/tail and turn) |
| MOUNTING | Stud, quick or screw mounts |
| WARRANTY | Five-year warranty |

**HEX CODES**

Red: A
Blue: B
Green: R
White: W
Amber: D
Black: E
Purple: F
Yellow: J
Gray: K
Silver: M

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

**Univeral Accessories**

Lighs sold separately.

**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 |

**Polycarb Lights**

| Warning | Reverse with Single Warning | Stop/Tail/Turn |

Coming Soon!

Fire/EMS Polycarb 6x4, 7x3 and 9x6 Inch Stud, Quick and Screw Mount Lights!

Contact your sales representative regarding product availability.
**Features**

- Incredible optic pull; spot performs stronger than competition at both spot and flood distances
- A smaller footprint with maximized candela output
- Greater resistance to gravel pitting, scratching or cracking
- Improved sealing to prevent water from entering light
- Higher UV and thermal stability to prevent lens from yellowing over time
- Won’t crack in harsh environments

<table>
<thead>
<tr>
<th>Feature</th>
<th>2x1 Inch</th>
<th>6x1 Inch</th>
<th>2x1 Inch Dual Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAW LUMENS</td>
<td>1,382</td>
<td>4,147</td>
<td>2,764</td>
</tr>
<tr>
<td>LUX @ 10m</td>
<td>218.2</td>
<td>619.7</td>
<td>398.8</td>
</tr>
<tr>
<td>BEAM DISTANCE (m) @ 1 LUX</td>
<td>148</td>
<td>249</td>
<td>200</td>
</tr>
<tr>
<td>BEAM DISTANCE (m) @ 25 LUX</td>
<td>295</td>
<td>498</td>
<td>399</td>
</tr>
<tr>
<td>PEAK BEAM INTENSITY (cd)</td>
<td>21,819</td>
<td>61,974</td>
<td>39,880</td>
</tr>
<tr>
<td>AMP DRAW @ 14 V</td>
<td>1.15</td>
<td>3.75</td>
<td>2.3</td>
</tr>
<tr>
<td>WATTAGE</td>
<td>16 Watts</td>
<td>52.5 Watts</td>
<td>32 Watts</td>
</tr>
<tr>
<td>LED COUNT</td>
<td>2 LEDs</td>
<td>6 LEDs</td>
<td>4 LEDs</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>3.61” (9.17 cm)</td>
<td>7.64” (19.406 cm)</td>
<td>3.61” (9.17 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>1.2” (3.05 cm)</td>
<td>1.2” (3.05 cm)</td>
<td>2.4” (6.10 cm)</td>
</tr>
<tr>
<td>Depth</td>
<td>3.23” (8.2 cm)</td>
<td>3.48” (8.84 cm)</td>
<td>3.23” (8.2 cm)</td>
</tr>
<tr>
<td>INPUT VOLTAGE</td>
<td>9-32 Vdc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40°C to +65°C</td>
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<td></td>
</tr>
<tr>
<td>WARRANTY</td>
<td>Limited Lifetime Warranty</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
mpower ORV Lights

UNIVERSAL ACCESSORIES

Lights sold separately.

<table>
<thead>
<tr>
<th>KITS</th>
<th>Brackets</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2x1</td>
<td>PMPR1BK001</td>
</tr>
<tr>
<td></td>
<td>6x1</td>
<td>PMPR2BK001</td>
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<table>
<thead>
<tr>
<th>Hardware</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PMPR1HW002</td>
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<table>
<thead>
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<th>Harness</th>
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</thead>
<tbody>
<tr>
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<td>PMPR1HN001</td>
</tr>
<tr>
<td></td>
<td>PMPR2HN002</td>
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<table>
<thead>
<tr>
<th>Mounting</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
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<td>PMPR1HW001</td>
</tr>
</tbody>
</table>

mpower® Mini Bar

Coming Soon!

Features

- High power white illumination lighting for a variety of applications
- Impact and scratch resistant mpower silicone lens/optic
- Six LED High Power modules
- Ten degree spot/flood hybrid lens
- Available in 3 lengths: 12, 18 and 24 inches
- Includes 90 degree mounting bracket

CERTIFICATIONS

IP67 and SAE J575

Contact your sales representative for availability of this product.
### PERIMETER LIGHTING

#### Surface, Deck/Grille and Recess Mounts

**Surface Mounts**

**Single**
- 6 LED, Single or Split Colors
- 9 LED, Single Color
- 9 LED, Single Color, Amber, High Output
- LED, Single Color, 10-30 Vdc, Xylex Lens
- 12 LED, Single or Dual Colors
- 18 LED, Tricolor

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFSSS1(x)</td>
<td>6 LED, Single or Split Colors</td>
</tr>
<tr>
<td>ENFSSS2(x)</td>
<td>9 LED, Single Color</td>
</tr>
<tr>
<td>ENFSSS2A-PC 9</td>
<td>9 LED, Single Color, Amber, High Output</td>
</tr>
<tr>
<td>ENFSSSE2(x)</td>
<td>LED, Single Color, 10-30 Vdc, Xylex Lens</td>
</tr>
<tr>
<td>ENFSSS3(x)</td>
<td>12 LED, Single or Dual Colors</td>
</tr>
<tr>
<td>ENFSSS4(XXX)</td>
<td>18 LED, Tricolor</td>
</tr>
</tbody>
</table>

**Dual Stacked**
- 6 LED, Single or Split Colors
- 9 LED, Single Color
- 9 LED, Single Color, Amber/Amber, High Output
- 9 LED, Single Color, 10-30 Vdc, Xylex Lens
- 12 LED, Single or Dual Colors
- 18 LED, Tricolor

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFDSS1(xx)</td>
<td>6 LED, Single or Split Colors</td>
</tr>
<tr>
<td>ENFDSS2(xx)</td>
<td>9 LED, Single Color</td>
</tr>
<tr>
<td>ENFDSS2A-PC</td>
<td>9 LED, Single Color, Amber/Amber, High Output</td>
</tr>
<tr>
<td>ENFDSS2E(xx)</td>
<td>9 LED, Single Color, 10-30 Vdc, Xylex Lens</td>
</tr>
<tr>
<td>ENFDSS3(xx)</td>
<td>12 LED, Single or Dual Colors</td>
</tr>
<tr>
<td>ENFDSS4(XXX)</td>
<td>18 LED, Tricolor</td>
</tr>
</tbody>
</table>

**Deck/Grille Mounts**

**Single**
- 6 LED, Single or Split Colors
- 9 LED, Single Color
- 9 LED, Single Color, Amber, High Output
- 9 LED, Single Color, 10-30 Vdc, Xylex Lens
- 12 LED, Single or Dual Colors
- 18 LED, Tricolor

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFSGS1(x)</td>
<td>6 LED, Single or Split Colors</td>
</tr>
<tr>
<td>ENFSGS2(x)</td>
<td>9 LED, Single Color</td>
</tr>
<tr>
<td>ENFSGS2A-PC</td>
<td>9 LED, Single Color, Amber, High Output</td>
</tr>
<tr>
<td>ENFSGE2(x)</td>
<td>9 LED, Single Color, 10-30 Vdc, Xylex Lens</td>
</tr>
<tr>
<td>ENFSGS3(x)</td>
<td>12 LED, Single or Dual Colors</td>
</tr>
<tr>
<td>ENFSGS4(XXX)</td>
<td>18 LED, Tricolor</td>
</tr>
</tbody>
</table>

**Dual Side-by-Side**
- 6 LED, Single or Split Colors
- 9 LED, Single Color
- 9 LED, Single Color, Amber/Amber, High Output
- 9 LED, Single Color, 10-30 Vdc, Xylex Lens
- 12 LED, Single or Dual Colors
- 18 LED, Tricolor

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFDGS1(xx)</td>
<td>6 LED, Single or Split Colors</td>
</tr>
<tr>
<td>ENFDGS2(xx)</td>
<td>9 LED, Single Color</td>
</tr>
<tr>
<td>ENFDGS2A-PC</td>
<td>9 LED, Single Color, Amber/Amber, High Output</td>
</tr>
<tr>
<td>ENFDGS2E(xx)</td>
<td>9 LED, Single Color, 10-30 Vdc, Xylex Lens</td>
</tr>
<tr>
<td>ENFDGS3(xx)</td>
<td>12 LED, Single or Dual Colors</td>
</tr>
<tr>
<td>ENFDGS4(XXX)</td>
<td>18 LED, Tricolor</td>
</tr>
</tbody>
</table>

**Recess Mounts**

**Recess**
- 6 LED, Single or Split Colors
- 9 LED, Single Color
- 9 LED, Single Color, 10-30 Vdc, Xylex Lens
- 12 LED, Single or Dual Colors
- 18 LED, Tricolor

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFSRS1(x)</td>
<td>6 LED, Single or Split Colors</td>
</tr>
<tr>
<td>ENFSRS2(x)</td>
<td>9 LED, Single Color</td>
</tr>
<tr>
<td>ENFSRE2(x)</td>
<td>9 LED, Single Color, 10-30 Vdc, Xylex Lens</td>
</tr>
<tr>
<td>ENFSRS3(x)</td>
<td>12 LED, Single or Dual Colors</td>
</tr>
<tr>
<td>ENFSRS4(XXX)</td>
<td>18 LED, Tricolor</td>
</tr>
</tbody>
</table>

**Six Inch Oval**
- 6 LED, Single or Split Colors
- 9 LED, Single Color
- 9 LED, Single Color, Amber, High Output
- 12 LED, Single or Dual Colors

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENFSRV1(x)</td>
<td>6 LED, Single or Split Colors</td>
</tr>
<tr>
<td>ENFSRV2(x)</td>
<td>9 LED, Single Color</td>
</tr>
<tr>
<td>ENFSRV2A-PC</td>
<td>9 LED, Single Color, Amber, High Output</td>
</tr>
<tr>
<td>ENFSRV3(x)</td>
<td>12 LED, Single or Dual Colors</td>
</tr>
</tbody>
</table>

---

**Contact Information**

1.800.338.7337
nFORCE Windshield Mounts

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)

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, 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)

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: ENFDWS2AA-PC
- 12 LED, Single or Dual Colors: ENFDWS3(xx)
- 18 LED, Tricolor: ENFDWS4(xxx)

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

6, 9 or 12 LED Single Colors
- A = ● B = ○ R = ● W = ○

6 LED Split Color
- J = ●●

12 LED Dual Colors
- D = ○ E = ● F = ● J = ●●

18 LED Tricolors
- BRA = ●●● BRW = ●●○

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

Features
- Single, split, dual or tricolor capability (tricolor is not available for the six inch oval recess mount)
- 6, 9, 12 or 18 LED counts (18 LED count is not available for the six inch oval recess mount)
- Steady-burn white capability
- ECE R65 certified (surface, deck/grille and recess mounts only)
- Secondary function can be either flashig or steady-burn (six inch oval recess mount only)
### Surface, Deck/Grille, Recess and Windshield Mounts

**INPUT VOLTAGE RANGE**

<table>
<thead>
<tr>
<th>Current Draw Per Module</th>
<th>10-16 VDC</th>
<th>10-30 VDC (configurable option)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 LED Single Color</td>
<td>&lt;1.0 Amp @ 12.8 Vdc</td>
<td>&lt;0.6 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td>6 LED Split Color</td>
<td>&lt;1.0 Amp @ 12.8 Vdc</td>
<td>&lt;0.6 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td>9 LED Single Color</td>
<td>&lt;1.5 Amp @ 12.8 Vdc</td>
<td>&lt;0.9 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td>12 LED Single Color</td>
<td>&lt;2.0 Amp @ 12.8 Vdc</td>
<td>&lt;1.2 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td>12 LED Dual Color</td>
<td>&lt;1.0 Amp @ 12.8 Vdc</td>
<td>&lt;0.6 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td>18 LED Tricolor</td>
<td>&lt;1.0 Amp @ 12.8 Vdc</td>
<td>&lt;0.6 Amp @ 25.6 Vdc (tricolor is not available for the six inch oval recess mount)</td>
</tr>
</tbody>
</table>

**LIGHT SYNC**

- 24 single sync 2 lightheads

**FLASH PATTERNS**

- 12 single, 14 dual or 14 tricolor patterns (tricolor is not available for the six inch oval recess mount)

**OPERATING TEMPERATURE**

- -40°C to +65°C / -40°F to +149°F

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Mount Type</th>
<th>Surface Mount, Single</th>
<th>Surface Mount, Dual Stacked</th>
<th>Deck/Grille Mount, Single</th>
<th>Deck/Grille Mount, Dual Side-by-Side</th>
<th>Recess Mount</th>
<th>Windshield Mount, Single</th>
<th>Windshield Mount, Dual Side-by-Side</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (In)</td>
<td>5.0&quot; (12.7 cm)</td>
<td>5.0&quot; (12.7 cm)</td>
<td>5.0&quot; (12.7 cm)</td>
<td>9.50&quot; (24.1 cm)</td>
<td>5.25&quot; (13.34 cm)</td>
<td>6.80&quot; (17.27 cm)</td>
<td>11.35&quot; (28.8 cm)</td>
</tr>
<tr>
<td>Height (In)</td>
<td>1.72&quot; (4.3 cm)</td>
<td>3.13&quot; (7.9 cm)</td>
<td>1.88&quot; (4.7 cm)</td>
<td>1.82&quot; (4.3 cm)</td>
<td>2.25&quot; (5.72 cm)</td>
<td>1.43&quot; (3.6 cm)</td>
<td>1.43&quot; (3.6 cm)</td>
</tr>
<tr>
<td>Depth (In)</td>
<td>1.50&quot; (3.8 cm)</td>
<td>1.5&quot; (3.8 cm)</td>
<td>1.43&quot; (3.6 cm)</td>
<td>5&quot; (12.7 cm)</td>
<td>1.50&quot; (3.8 cm)</td>
<td>1.43&quot; (3.6 cm)</td>
<td>5&quot; (12.7 cm)</td>
</tr>
</tbody>
</table>

**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: SAE J595, Class 1 certified (not amber) and CA Title 13, Article 22 compliant
- EMC 72/245/EEC certified

**WARRANTY**

- Five-year

---

### UNIVERSAL ACCESSORIES

Lights sold separately. Refer to pages 45, 46 and 47 for vehicle specific accessories.

<table>
<thead>
<tr>
<th>Universal Accessory</th>
<th>License Plate</th>
<th>90 Degree Angle</th>
<th>Deck/Grille Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>License Plate</td>
<td>Surface vertical mount PNFSLSMBK2LPH</td>
<td>Surface horizontal mount PNFSLSMBK2LPV</td>
<td>Single PNFSLSMBK190</td>
</tr>
<tr>
<td>90 Degree Angle</td>
<td>Surface horizontal mount PNFSLSMBK190</td>
<td>Surface horizontal mount PNFSLSMBK190</td>
<td>Dual PNFSLSMBK190</td>
</tr>
<tr>
<td>Deck/Grille Mount</td>
<td>Single PNFSLSMBK190</td>
<td>Single PNFSLSMBK190</td>
<td>PNFSLSMBK190</td>
</tr>
<tr>
<td></td>
<td>Dual PNFSLSMBK190</td>
<td>Dual PNFSLSMBK190</td>
<td>PNFSLSMBK190</td>
</tr>
</tbody>
</table>

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**INPUT VOLTAGE RANGE**

10-16 Vdc standard or 10-30 Vdc (configurable option)

**CURRENT DRAW PER MODULE**

- 10-16 VDC: <1.0 Amp @ 12.8 Vdc, <0.6 Amp @ 25.6 Vdc
- 10-30 VDC (configurable option): <1.0 Amp @ 12.8 Vdc, <0.6 Amp @ 25.6 Vdc
nFORCE Light Application Photos
Perimeter Lighting

8 LED, Single Color  
8 LED, Single Color, Xylex Lens  
16 LED, Dual Color  
16 LED, Dual Color, Xylex Lens  
18 LED, Tricolor  

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 Colors (y)  
  - D = ○  
  - E = ●  
  - F = ○  
  - J = ○  
  - K = ●  
  - L = ●  
  - M = ●  
  - N = ●  
  - P = ●
- 18 LED Tricolors (xxx)  
  - BAG = ●  
  - BAW = ●  
  - BGW = ●  
  - GAW = ●  
  - RAG = ●  
  - RAW = ●  
  - RBA = ●
  - RBW = ○  
  - RBG = ●  
  - RGW = ●

Features

Under Mirror Mount
- Light includes 0, 5, 10 and 15 degree mounting wedges and foam gasket
- The first light of its kind to offer critical intersection warning and side warning
- Light is based upon problem solving research - 30% of all emergency vehicle crashes are likely to occur at dangerous intersections
- Unique under-mirror mount simplifies installation - labor saving light is much easier to install than traditional front mirror skull mounts - no mirrors to work behind or around
- Light can be surface mounted to any flat area on any type of vehicle - elevate your safety and visibility by mounting to the headache rack or body of the vehicle wherever additional lighting is needed
- Features cruise mode for steady burn if desired
- Steady-burn white can be specified as a means of providing additional side/alley lighting

Features

Surface Mount
- No other light offers 180 degree output - specially designed reflector amplifies and throws the light at the perfect angle to increase visibility at intersections
- Includes surface mount light in your choice of LED and housing colors, neoprene gasket and mounting hardware for installation
- Patented design, the first light of its kind to offer critical intersection warning and side warning illumination now available with surface mount capabilities

Universal Accessories

Lights sold separately. Refer to pages 45, 46 and 47 for vehicle specific accessories.

- **UNDER MIRROR**  
  - Installation Mount (includes bracket and screws)  
  - PNT1WRRT
- **SURFACE ADAPTORS**  
  - Under Mirror, Curved (sold in pairs)  
  - PNT1CRV01

39  
1.800.338.7337
Intersector Under Mirror and Surface Mount Lights

**INPUT VOLTAGE** 9-32 Vdc

**CURRENT DRAW**
- 8 LED Single Color, <1.3 Amp @ 12.8 Vdc, <0.65 Amp @ 25.6 Vdc
- 16 LED Dual Color, <1.3 Amp @ 12.8 Vdc, <0.65 Amp @ 25.6 Vdc
- 18 LED Tricolor, <1.0 Amp @ 12.8 Vdc, <0.5 Amp @ 25.6 Vdc

**LIGHT SYNC**
- 24 single sync 2 lightheads

**FLASH PATTERNS**
- 12 single, 14 dual or 14 tricolor

**OPERATING TEMPERATURE**
- -40˚ C to +65˚ C / -40˚ F to +149˚ F

**DIMENSIONS**
- Length: 2.9” (7.4 cm)
- Height: 1.9” (4.8 cm)
- Depth: 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

---

**ML6 Flush Mount Light**

**Features**
- Compact, flush-mount emergency light to fit seamlessly into any vehicle design
- Features bright warning lights in both single and dual colors

**INPUT VOLTAGE** 10-30 Vdc

**CURRENT DRAW** 1 Amp max @ 12.8 Vdc

**LIGHT SYNC** ML6 lights

**FLASH PATTERNS**
- Single: 19 or Dual: 14

**OPERATING TEMPERATURE** -30˚ C to +50˚ C

**DIMENSIONS**
- Length: 1.38” (3.5 cm)
- Height: 1.38” (3.5 cm)
- Depth: 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)

**WARRANTY** Three-year

---

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

**Single Colors**
- A = ●
- B = ●
- R = ●
- W = ○

**Dual Colors**
- AW = ●○
- BA = ●●
- BW = ●○
- GA = ●●
- RA = ●●
- RB = ●●
- RW = ●○
Surface and Deck/Grille Mount Lights

**Surface Mounts**

### Single
- Black Housing, 10-16 Vdc
- Chrome Housing, 10-16 Vdc
- White Housing, 10-16 Vdc
- Black Housing, 10-30 Vdc
- Chrome Housing, 10-30 Vdc
- White Housing, 10-30 Vdc
- ECE R65 Certified, Xylex Lens
  - Black Housing, 10-16 Vdc
  - Chrome Housing, 10-16 Vdc
  - White Housing, 10-16 Vdc
- ECE R65/EMC Certified
  - Black Housing, 10-30 Vdc
  - Chrome Housing, 10-30 Vdc
  - White Housing, 10-30 Vdc

### Single Stop/Tail
- Black Housing, 10-30 Vdc
- Chrome Housing, 10-30 Vdc
- White Housing, 10-30 Vdc

### Single Spot
- Black Housing, 10-30 Vdc
- Chrome Housing, 10-30 Vdc
- White Housing, 10-30 Vdc

### Single Multi
- Black Housing, 10-16 Vdc
- White Housing, 10-16 Vdc
- Black Housing, 10-30 Vdc
- White Housing, 10-30 Vdc
- ECE 65/EMC Certified
  - Black Housing, 10-16 Vdc
- ECE 65/EMC Certified
  - White Housing, 10-16 Vdc
- Xylex Lens

### Single Stop/Tail Multi
- Black Housing, 10-16 Vdc

### Single Stop/Tail
- Black Housing, 10-30 Vdc
- White Housing, 10-30 Vdc

### Single Multi
- Black Housing, 10-16 Vdc
- White Housing, 10-16 Vdc
- Black Housing, 10-30 Vdc
- White Housing, 10-30 Vdc
- Xylex Lens

### Universal Accessory

**Lights sold separately. Refer to pages 45, 46 and 47 for vehicle specific accessories.**

**Rock Mount**
- Deck/Grille (includes mounting hardware)
- PMP4BKRKLW

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**1.800.338.7337**

**PERIMETER LIGHTING**

---

[Image of lights and text]
GHOST Recess Mount Lights

**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
- ECE R65/EMC Certified
  - Black Housing, 10-30 Vdc: EGHSTE5(x)B
  - Chrome Housing, 10-30 Vdc: EGHSTE5(x)C

**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**

<table>
<thead>
<tr>
<th>Solid Colors</th>
<th>A = ●</th>
<th>B = ●</th>
<th>G = ●</th>
<th>R = ●</th>
<th>W = ○</th>
</tr>
</thead>
<tbody>
<tr>
<td>Split Colors</td>
<td>A = ●</td>
<td>B = ●</td>
<td>G = ●</td>
<td>R = ●</td>
<td>W = ○</td>
</tr>
</tbody>
</table>

**Features**
- Fits almost anywhere with premium optics offer optimal power and brightness
- Premium optics offer optimal power and brightness

**INPUT VOLTAGE**
- 10-16 Vdc or 10-30 Vdc

**CURRENT DRAW**
- <0.75 Amp (flash pattern dependent)

**LIGHT SYNC**
- 4 single sync, 1 lighthead

**FLASH PATTERNS**
- 33 flash patterns

**LED COUNT**
- 6 LEDs

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

**DIMENSIONS**
- Single Multi, Single Stop Tail Multi, Single Spot or Rock
  - Length: 5.7" (14 cm), Height: 1.06" (2.7 cm), Depth: 1.8" (4.6 cm)
  - Length: 5.4" (14 cm), Height: 2.4" (6.1 cm), Depth: 1" (2.5 cm)

**MOUNTING**
- Multi: Includes three mounting options; permanent, single edge and 3M adhesive mounts
  - 4" (10 cm) L x 0.9" (2.3 cm) H x 1.8" (4.6 cm) D
- Rock: 4.8" (12 cm) L x 2" (5.1 cm) H x 1.6" (4.1 cm) D
- Stop/Tail Multi: Includes two mounting options; permanent and 3M adhesive mounts

**CERTIFICATIONS**
- SAE J595 Class 1 certified
- CA Title 13, Article 22 compliant
- EMC certified, 72/245/EEC
- ECE R65, Category X, Class 1 certified

**WARRANTY**
- Five-year
Universal UnderCover LED Insert

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

<table>
<thead>
<tr>
<th>Solid Colors</th>
<th>A = ●</th>
<th>B = ●</th>
<th>G = ●</th>
<th>R = ●</th>
<th>W = ○</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Colors</td>
<td>D = ○</td>
<td>E = ○</td>
<td>F = ○</td>
<td>H = ○</td>
<td>J = ●</td>
</tr>
</tbody>
</table>

Features
- Features separate color control capability
- Secondary function can be flashing or steady burn
- Includes extreme angle lens, inline flasher and cable for hardwire installation
- Use with optional bezels to surface mount to any flat area on the vehicle body for additional lighting anywhere
- Compatible with the ConfigureIT system for easy light programming

<table>
<thead>
<tr>
<th>INPUT VOLTAGE</th>
<th>9-32 Vdc</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURRENT DRAW</td>
<td>&lt;.65 Amp (flash pattern dependent) @ 12.8 Vdc, &lt;0.33 Amp @ 25.6 Vdc</td>
</tr>
<tr>
<td>LIGHT SYNC</td>
<td>24 single, sync 2 lightheads</td>
</tr>
<tr>
<td>FLASH PATTERNS</td>
<td>12 single color or 14 dual color</td>
</tr>
<tr>
<td>LED COUNT</td>
<td>6 LEDs</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40° C to +65° C</td>
</tr>
</tbody>
</table>

DIMENSIONS
- Insert
  - Height: .9" (2.3 cm)
  - Diameter: 1.5" (3.8 cm)
- Bezel
  - Height: 1.65" (4.2 cm)
  - Diameter: .63" (1.6 cm)
  - Length: 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 ACCESSORIES
Light and replacement modules sold separately.

<table>
<thead>
<tr>
<th>BEZELS</th>
<th>Black (includes mounting gasket and hardware)</th>
<th>PLUC2HSB</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chrome (includes mounting gasket and hardware)</td>
<td>PLUC2HSC</td>
</tr>
<tr>
<td></td>
<td>White (includes mounting gasket and hardware)</td>
<td>PLUC2HSW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LENS</th>
<th>Extreme angle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Horizontal</td>
</tr>
<tr>
<td></td>
<td>Vertical</td>
</tr>
</tbody>
</table>

10 feet cable length ELUC3H010(x)
25 feet cable length ELUC3H025(x)
Warning Marker and Recess Lights

Two Inch, Round
Amber LEDs/Amber Lens
Grommet and Mating Harness
Red LEDs/Red Lens
Grommet and Mating Harness
Amber LEDs/Amber Lens
Integrated Waterproof Flange Mount
Red LEDs/Red Lens
Integrated Waterproof Flange Mount

Two and a Half Inch, Round
Amber LEDs/Amber Lens
Grommet and Mating Harness
Red LEDs/Red Lens
Grommet and Mating Harness
Amber LEDs/Amber Lens
Grommet and Deutsche Connector
Red LEDs/Red Lens
Grommet and Deutsche Connector
Amber LEDs/Amber Lens
24 Volt with Grommet and Deutsche Connector

License Plate, Compact
Standard
Deutsch Connector

License Plate, Compact
Standard
Deutsch Connector

TWO INCH FMVSS 108 certified; Sidemarker Lamp, P2 rated; Clearance, Sidemarker and LD Lamp, P3 rated; SAE J592 and J2042 certified
TWO AND A HALF INCH 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

Four Inch, Round
Amber LEDs/Clear Lens

Six Inch, Oval
Amber LEDs/Clear Lens

FOUR INCH SAE J595 certified and California Title 13, certified compliant
SIX INCH SAE J595 Class 1 certified

UNIVERSAL ACCESSORY
Light sold separately.

DRESS RING Recess, six inch oval chrome

soundoffsxnal.com
Chevrolet Vehicle Specific Perimeter Accessories

Lights and modules sold separately.

**mpower® FASCIA BRACKET KITS**

**REAR SPOILER, STUD MOUNTS**
- **Tahoe, 2015-2020**
  - Four inch, three lights per passenger and driver side: PMP2RSBTH3
  - Four inch, four lights per passenger and driver side: PMP2RSBTH4

**UNDER MIRROR MOUNTS**
- **Silverado, 2018 and 2019**
  - Three inch, stud and quick mount: PMP1BKUMB2
- **Tahoe, 2015-2020**
  - Three inch, stud and quick mount: PMP1BKUMB3
  - Three and four inch, stud and quick mount, driver side: PNT3BKUMB3-D
  - Three and four inch, stud and quick mount, passenger side: PNT3BKUMB3-P
- **GMC Sierra, 2018 and 2019**
  - Three inch, 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: PNT3DG88-TH
  - Mount: PNT3DG88

**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: PNFSLDG88SB-TH
  - Vertical license plate installation: PNFSLBRK2LPV

**SINGLE DECK/GRILLE MOUNT**
- **Tahoe, 2015-2020**
  - Front deck/grille, driver and passenger side: PGHSTDGSB-TH
### mpower® Fascia  
**BRACKET KITS**

#### REAR SPOILER, STUD MOUNTS

- **PI Utility, 2020**
  - Four inch, one light per driver and passenger side
  - Four inch, two lights per driver and passenger side
  - Four inch, three lights per driver and passenger side
  - Four inch, four lights per driver and passenger side
  - Hardware kit, mpower arrow
  - **PMP2RS102**  
  - **PMP2RS202**  
  - **PMP2RS302**  
  - **PMP2RS402**  

- **PI Utility, 2015-2019**
  - Four inch, one light per driver and passenger side
  - Four inch, two lights per driver and passenger side
  - Four inch, three lights per driver and passenger side
  - Four inch, four lights per driver and passenger side
  - **PMP2RSBUV1**  
  - **PMP2RSBUV2**  
  - **PMP2RSBUV3**  
  - **PMP2RSBUV4**

- **PI Utility, 2011-2020**
  - Four x Two inch, one light per driver and passenger side
  - Four x Two inch, two lights per driver and passenger side
  - Four x Two inch, three lights per driver and passenger side
  - Four x Two inch, four lights per driver and passenger side
  - Hardware kit, mpower arrow
  - **PMP2RS101**  
  - **PMP2RS201**  
  - **PMP2RS301**  
  - **PMP2RS401**  

- **PI Utility, 2011-2017**
  - Four x Two inch, one light per driver and passenger side
  - Four x Two inch, two lights per driver and passenger side
  - Four x Two inch, three lights per driver and passenger side
  - Four x Two inch, four lights per driver and passenger side
  - **PMP2RS101**  
  - **PMP2RS201**  
  - **PMP2RS301**  
  - **PMP2RS401**

- **PI Utility, 2016-2019**
  - Hardware kit, mpower arrow
  - **PMPAKH05**

#### UNDER MIRROR MOUNT

- **PI Utility, 2020**
  - Three and four inch, stud and quick mount, driver and passenger side
  - **PMP2BKUMB4**

- **PI Utility, 2015-2019**
  - Three and four inch, stud and quick mount, driver and passenger side
  - **PMP2BKUMB4**

- **PI Utility, 2011-2020**
  - Three and four inch, stud and quick mount, driver and passenger side
  - **PMP2BKUMB4**

- **PI Utility, 2011-2017**
  - Three and four inch, stud and quick mount, driver and passenger side
  - **PMP2BKUMB4**

- **PI Utility, 2016-2019**
  - Hardware kit, mpower arrow
  - **PMPAKH04**

### nFORCE® BRACKETS

#### REAR SPOILER, SURFACE MOUNTS

- **PI Utility, 2011-2020**
  - Rear spoiler, single
  - **PNFSLRSBUVS**

- **PI Utility, 2011-2020**
  - Dual, driver side
  - **PNFSLRSBUVD**

- **PI Utility, 2011-2017**
  - 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**

---

*Lights and modules sold separately.*

---

*Ford Vehicle Specific Perimeter Accessories*
## mpower® FASCIA BRACKET KITS

**REAR SPOILER, STUD MOUNTS**
- Durango, 2011-2020
  - Four inch
  - PMP2RSBDG3

**UNDER MIRROR MOUNTS**
- Durango, 2016-2020
  - Three and four inch, stud and quick mount
  - PNT3BKUMB4
- Durango, 2018-2020
  - Three inch, stud and quick mount
  - PMP1BKUMB1
- Ram 1500 Classic, 2014-2020
  - Three and four inch, stud and quick mount, driver side
  - PNT3BKUMB2-D
  - Three and four inch, stud and quick mount, passenger side
  - PNT3BKUMB2-P

## Intersector BRACKET KITS

**UNDER MIRROR MOUNTS**
- Durango, 2016-2020
  - 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

Lights and modules sold separately.
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.

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. With 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 Central Controller

bluePRINT 3 central controller requires the bluePRINT 3 app

Multi-Function Siren Features
• Button or knob options available
• 100 or 200 watt options available
  (two speakers required with 200 watt siren)

500 Series Siren (refer to page 54)

Dual-Tone Siren Feature
• 100 or 200 watt options available

Remote Node

Input Node
Remote Control Panel Features
• Button or knob remote options available
• Fifteen programmable buttons

100 Watt Siren (sealed)

Handheld Control

<table>
<thead>
<tr>
<th>INPUT VOLTAGE</th>
<th>10-16 Vdc (negative ground)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40° C to +65° C (remote node up to 85° C)</td>
</tr>
<tr>
<td>TOTAL SYSTEM INPUTS</td>
<td></td>
</tr>
<tr>
<td>Up to 42 Total Inputs</td>
<td>Central Controller Ignition Input</td>
</tr>
<tr>
<td></td>
<td>Remote Node: 4 each (up to 5 remote nodes can be used throughout vehicle)</td>
</tr>
<tr>
<td>TOTAL SYSTEM OUTPUTS</td>
<td></td>
</tr>
<tr>
<td>Up to 86 Total Outputs</td>
<td>Central Controller: up to 4 constant on and 20 programmable outputs</td>
</tr>
<tr>
<td></td>
<td>Remote Nodes: 10 each (up to 5 remote nodes can be used throughout vehicle)</td>
</tr>
<tr>
<td></td>
<td>400 Series PA: 12 non-flashing programmable relay outputs; 3 are 20 Amp outputs</td>
</tr>
<tr>
<td>TOTAL SWITCHING CURRENT</td>
<td></td>
</tr>
<tr>
<td>Up to 450 Amps Total</td>
<td>Central Controller: 100 Amp total</td>
</tr>
<tr>
<td></td>
<td>Remote Node: 50 Amp each (up to 5 nodes)</td>
</tr>
<tr>
<td></td>
<td>400 Series PA: 100 Amp total</td>
</tr>
<tr>
<td>SOFTWARE REQUIREMENTS</td>
<td></td>
</tr>
<tr>
<td>PC or Tablet (used only for initial programming and diagnostics)</td>
<td>Windows 7 SP1 or later</td>
</tr>
<tr>
<td></td>
<td>Pentium 1GHz or higher</td>
</tr>
<tr>
<td></td>
<td>Minimum 512 MB of RAM</td>
</tr>
<tr>
<td></td>
<td>Minimum disk space of 5 GB</td>
</tr>
<tr>
<td></td>
<td>.NET 4.5 Library (will be prompted to download if not already installed, .Net 4.6)</td>
</tr>
<tr>
<td></td>
<td>USB 1.1 or higher, cable with Type B plug</td>
</tr>
</tbody>
</table>
When used with the bluePRINT controller, the bluePRINT Link module allows access to a variety of the vehicle's data parameters.

Features

- By incorporating the bluePRINT Link module into the vehicle, the need to splice into discrete wire triggers can be greatly reduced.
- Reduces time that is required to install a bluePRINT system into a vehicle.
- Increases system reliability due to issues when wiring into discrete triggers.
- Provides access to vehicle parameters that may not have been available via discrete wires, such as door status, battery voltage, and vehicle speed, to name a few.
- Vehicle parameters can be mapped as input triggers to automate the control of vehicle lighting.

Vehicle Models and Years

**Chevrolet**

<table>
<thead>
<tr>
<th>Models</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>GMC Savana Vans</td>
<td>2008-2019</td>
</tr>
<tr>
<td>GMC Yukon</td>
<td>2014-2020</td>
</tr>
<tr>
<td>Express Vans</td>
<td>2008-2019</td>
</tr>
<tr>
<td>Silverado Pickup Trucks</td>
<td>2014-2019</td>
</tr>
<tr>
<td>Sierra Pickup Trucks</td>
<td>2014-2019</td>
</tr>
<tr>
<td>Suburban</td>
<td>2014-2020</td>
</tr>
<tr>
<td>Tahoe</td>
<td>2014-2020</td>
</tr>
</tbody>
</table>

**FCA**

<table>
<thead>
<tr>
<th>Models</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charger Pursuit</td>
<td>2015-2019</td>
</tr>
<tr>
<td>1500, 2500, 3500, 4500 and 5500</td>
<td>2013-2019</td>
</tr>
<tr>
<td>RAM Pickup Trucks</td>
<td></td>
</tr>
<tr>
<td>Durango Pursuit</td>
<td>2018-2019</td>
</tr>
</tbody>
</table>

**Ford**

<table>
<thead>
<tr>
<th>Models</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-Series Super Duty Vans</td>
<td>2009-2019</td>
</tr>
<tr>
<td>E-350 Super Duty Vans</td>
<td>2009-2017</td>
</tr>
<tr>
<td>Expedition</td>
<td>2015-2019</td>
</tr>
<tr>
<td>F-250, F-350, F-450 and F-550 Pickup Trucks</td>
<td>2011-2018</td>
</tr>
<tr>
<td>PI Sedan</td>
<td>2013-2018</td>
</tr>
<tr>
<td>PI Utility</td>
<td>2013-2020</td>
</tr>
<tr>
<td>Escape</td>
<td>2016-2017</td>
</tr>
<tr>
<td>Transit Van</td>
<td>2015-2018</td>
</tr>
<tr>
<td>Explorer</td>
<td>2016-2018</td>
</tr>
<tr>
<td>F-150</td>
<td>2015-2020</td>
</tr>
<tr>
<td>F-150 Responder</td>
<td>2015-2019</td>
</tr>
</tbody>
</table>

**Warranty**

Three years from the in-service date (if the warranty registration is completed on-line).
Visit https://www.soundoffsignal.com/product-registration/ to register this product.
One year from the date the product was shipped (if the warranty registration was not completed).

Contact your sales representative for latest vehicle models and years.
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

INPUT VOLTAGE 10-16 Vdc

OPERATING TEMPERATURE -40°C to +65°C

CURRENT DRAW <100mA @ 12.8 Vdc

SYSTEM REQUIREMENTS bluePRINT 3 app must be utilized to configure the system

Central controller must have v3.08 or later installed

DIMENSIONS

Module Length 3.4” (8.6 cm) Height 0.9” (2.2 cm) Depth 1.6” (4.1 cm)

Antenna Base Length 1.6” (4.0 cm) Height 0.4” (1.0 cm) Depth 1.5” (3.7 cm)

WARRANTY One-year
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

### INPUT VOLTAGE

10-16 Vdc

### DIMENSIONS

<table>
<thead>
<tr>
<th>Component</th>
<th>Length</th>
<th>Height</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handheld Panel</td>
<td>6.98&quot; (17.73 cm)</td>
<td>3.51&quot; (8.92 cm)</td>
<td>1.17&quot; (2.98 cm)</td>
</tr>
<tr>
<td>Remote Amplifier/Relay</td>
<td>7&quot; (17.80 cm)</td>
<td>2.62&quot; (6.66 cm)</td>
<td>6.51&quot; (16.54 cm)</td>
</tr>
</tbody>
</table>

### WARRANTY

Three-year
500 Series
Remote, Console and Handheld Sirens

Remote

<table>
<thead>
<tr>
<th>Type</th>
<th>Wattage</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Button</td>
<td>100</td>
<td>ENGSA581RSP</td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>ENGSA582RSP</td>
</tr>
<tr>
<td>Knob</td>
<td>100</td>
<td>ENGSA581RSR</td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>ENGSA582RSR</td>
</tr>
</tbody>
</table>

Console

<table>
<thead>
<tr>
<th>Type</th>
<th>Wattage</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Button</td>
<td>100</td>
<td>ENGSA581CSP</td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>ENGSA582CSP</td>
</tr>
<tr>
<td>Knob</td>
<td>100</td>
<td>ENGSA581CSR</td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>ENGSA521CSR</td>
</tr>
</tbody>
</table>

Handheld

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>ENGSA561HPP</td>
</tr>
<tr>
<td>200</td>
<td>ENGSA562HPP</td>
</tr>
</tbody>
</table>

Knob option shown.

Built in bluePRINT® 3.0 Functionality
- 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
- USB programmability
- New software application

Enhanced Output/Input Capability
- 20 Outputs
- Up to 75A total internal switching
- Eight discrete inputs

Other Siren Features
- 200 watt dual tone and 100 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

soundoffsignal.com
**nERGY® 400 Series**

Remote, Console and Handheld Sirens

**Remote**

- 100 Watts
- 200 Watts

**100 Watts**

- ETSA481RSR
- ETSA482RSR

**200 Watts**

- ETSA481RSP
- ETSA482RSP

**Console**

- 100 Watts
- 200 Watts

**100 Watts**

- ETSA481CSR
- ETSA482CSR

**200 Watts**

- ETSA481CSP
- ETSA482CSP

**Handheld**

- 100 Watt
- 200 Watt
- 100 Watt (13 feet coil cable length)
- 200 Watt (13 feet coil cable length)

**100 Watt**

- ETSA461HPP
- ETSA462HPP

**200 Watt**

- ETSA461HPP-EXT
- ETSA462HPP-EXT

---

**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

---

Note: 2 speakers required with the 200 watt version sirens.
nERGY 400 Series Remote, Console and Handheld Sirens

Features (continued)

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)

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

<table>
<thead>
<tr>
<th>WATTS</th>
<th>100 and 200 Watts (2 speakers required with the 200 watt version sirens)</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT VOLTAGE</td>
<td>10-16 Vdc</td>
</tr>
</tbody>
</table>

DIMENSIONS

Remote Sirens
- Handheld Panel
  - Height: 3.51” (8.92 cm)
  - Width: 6.98” (17.73 cm)
  - Depth: 1.17” (2.98 cm)
- Amplifier/Relay
  - Height: 2.62” (6.66 cm)
  - Width: 7” (17.80 cm)
  - Depth: 6.51” (16.54 cm)

Console Sirens
- Console Faceplate
  - Height: 3.17” (8.5 cm)
  - Width: 7.54” (19.15 cm)
- Amplifier/Relay
  - Height: 2.64” (6.73 cm)
  - Width: 7.02” (17.84 cm)
- Cut-out
  - Height: 2.72” (6.91 cm)
  - Width: 7.10” (18.034 cm)

Handheld Siren
- Panel
  - Height: 3.51” (8.92 cm)
  - Width: 6.98” (17.73 cm)
  - Depth: 1.17” (2.98 cm)
- Amplifier/Relay
  - Height: 2.62” (6.66 cm)
  - Width: 7” (17.80 cm)
  - Depth: 6.51” (16.54 cm)

CERTIFICATIONS

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

WARRANTY

- Five-year
200 Series Remote Sirens

PA FUNCTION

Remote Amplifier and Remote Switch Panel

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

<table>
<thead>
<tr>
<th>WATTS</th>
<th>100 Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT VOLTAGE</td>
<td>10-30 Vdc</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>Height 2.3” (5.8 cm) Width 5.4” (13.7 cm) Depth 4.6” (11.6 cm)</td>
</tr>
<tr>
<td>CERTIFICATIONS</td>
<td>Meets or exceeds SAE J1849, CA Title 13 sound levels when used with SoundOff Signal® speakers ECE R10.05 certified (compact siren only)</td>
</tr>
<tr>
<td>WARRANTY</td>
<td>Two-year</td>
</tr>
</tbody>
</table>

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

100 Watt ETSA200R
Molex Connector and Mating Harness ETSA200RA
Delphi Connector and Mating Harness ETSA200RW
100J Series Composite Speaker

Two-year warranty  ETSS100J
Five-year warranty  ETSS100J5
Shown with bail bracket.

Vehicle Specific Brackets
Speaker sold separately.

<table>
<thead>
<tr>
<th>VEHICLE</th>
<th>MODEL</th>
<th>YEAR</th>
<th>APPLICATION</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEVROLET</td>
<td>Silverado 1500</td>
<td>2019-2020</td>
<td>Frame mount, driver side</td>
<td>ETSSVBK02</td>
</tr>
<tr>
<td></td>
<td>Tahoe and Tahoe PPV</td>
<td>2019-2020</td>
<td>Frame mount, passenger side</td>
<td>ETSSVBK03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2021</td>
<td>Bumper mount, no drill, holds up to two speakers</td>
<td>ETSSVBK07</td>
</tr>
<tr>
<td>DODGE</td>
<td>Charger</td>
<td>2015-2020</td>
<td>Bumper mount, no drill</td>
<td>ETSS100CBKDC15</td>
</tr>
<tr>
<td></td>
<td>Charger</td>
<td>2011-2020</td>
<td>Bumper mount, no drill</td>
<td>ETSS100CBKDC11</td>
</tr>
<tr>
<td></td>
<td>Durango Pursuit</td>
<td>2018-2020</td>
<td>Bumper mount, no drill, holds up to two speakers</td>
<td>ETSSVBK05</td>
</tr>
<tr>
<td>FORD</td>
<td>F-150</td>
<td>2018-2020</td>
<td>Grille Mount (holds two speakers)</td>
<td>ETSSVBK04</td>
</tr>
<tr>
<td></td>
<td>PI Utility</td>
<td>2020</td>
<td>Bumper Mount (no drill)</td>
<td>ETSSVBK01</td>
</tr>
</tbody>
</table>

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

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

100U Series
Composite Speaker

Coming Soon!

Contact your sales representative regarding product availability.
# LF Aftershock Siren System

**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

<table>
<thead>
<tr>
<th>Siren System</th>
<th>Included Options</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Siren System</td>
<td>Includes Universal Bracket</td>
<td>ETSKLF100</td>
</tr>
<tr>
<td>100 Watt Speaker, 200 Watt Amplifier</td>
<td></td>
<td>ETSKLF200</td>
</tr>
<tr>
<td>Two (2) 100 Watt Speakers, 200 Watt Amplifier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speaker, Includes Universal Bracket</td>
<td></td>
<td>ETSSLF100</td>
</tr>
<tr>
<td>Low Frequency Speaker, 100 Watt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Vehicle Specific Brackets

**Note:** Speaker sold separately.

<table>
<thead>
<tr>
<th>CHEVROLET</th>
<th>Silverado 1500</th>
<th>2019-2020</th>
<th>Frame Mount (no drill)</th>
<th>ETSSLFV8K08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: last 6 months of 2019 only, VIN begins with 1G</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DODGE</th>
<th>Charger</th>
<th>2011-2019</th>
<th>Lower Frame Mount (no drill)</th>
<th>ETSSLFV8K08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durango</td>
<td>2016-2019</td>
<td>Upper and Lower Frame Mount</td>
<td>ETSSLFV8K01</td>
<td></td>
</tr>
<tr>
<td>Durango</td>
<td>2016-2019</td>
<td>Lower Frame Mount (no drill)</td>
<td>ETSSLFV8K02</td>
<td></td>
</tr>
<tr>
<td>Ram 1500</td>
<td>2014-2018</td>
<td>Frame Mount Bracket (no drill)</td>
<td>ETSSLFV8K12</td>
<td></td>
</tr>
<tr>
<td>Ram 1500 4th GEN, SSV and Classic</td>
<td>2019-2020</td>
<td>Frame Mount Bracket (no drill)</td>
<td>ETSSLFV8K12</td>
<td></td>
</tr>
<tr>
<td>Ram 2500-3500</td>
<td>2014-2018</td>
<td>Frame Mount Bracket (no drill)</td>
<td>ETSSLFV8K12</td>
<td></td>
</tr>
</tbody>
</table>

**Exception:** Ram 2500-3500 Diesel Engines and 2500 Power Wagon mounts one speaker to either driver or passenger side

<table>
<thead>
<tr>
<th>FORD</th>
<th>PI Utility</th>
<th>2015-2019</th>
<th>Lower Frame Mount</th>
<th>ETSSLFV8K03</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI Utility</td>
<td>2020</td>
<td>Lower Frame Mount</td>
<td>ETSSLFV8K07</td>
<td></td>
</tr>
<tr>
<td>PI Utility</td>
<td>2020</td>
<td>Driver Side</td>
<td>ETSSLFV8K09</td>
<td></td>
</tr>
<tr>
<td>F-150</td>
<td>2018-2020</td>
<td>Lower Frame Mount (no drill)</td>
<td>ETSSLFV8K11</td>
<td></td>
</tr>
</tbody>
</table>
### 800 Series
Multi-purpose Control Panels

_Eight-button Controller and Power Module_

---

**Multi-purpose**

ETCPMP801

---

**Eight-button Controller, 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

### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Voltage</strong></td>
<td>10-24 Vdc</td>
</tr>
<tr>
<td><strong>Input Current</strong></td>
<td>Multi-purpose: Peak 32A, Average 21A / Min .01A</td>
</tr>
<tr>
<td><strong>Output Current</strong></td>
<td>Multi-purpose, low current: 3 x 0.2 amp + 4 x 0.1 amp</td>
</tr>
<tr>
<td><strong>Control Panel Cable</strong></td>
<td>Multi-purpose: 8 pin RJ45 cable, 24 AWG, 4m</td>
</tr>
<tr>
<td></td>
<td>Multi-purpose, low current: 36&quot;, 22AWG 10 pin cable with mating 12&quot; jumper harness</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-30° C to +65° C</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
</tr>
<tr>
<td>Power Module</td>
<td>Length: 4.4&quot; (11.2cm)</td>
</tr>
<tr>
<td></td>
<td>Height: 3.5&quot; (9cm)</td>
</tr>
<tr>
<td></td>
<td>Depth: 1.05&quot; (2.67 cm)</td>
</tr>
<tr>
<td>Control Panels</td>
<td>Length: 3.81&quot; (9.69cm)</td>
</tr>
<tr>
<td></td>
<td>Height: 2.7&quot; (6.88cm)</td>
</tr>
<tr>
<td></td>
<td>Depth: 1&quot; (2.55cm)</td>
</tr>
</tbody>
</table>
Flashers

LED Light

Two Output, Eight Flash Patterns  ETFFC02LED

Features

• 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
(for systems requiring electrical isolation)
Amp Connector and Harness, 9.5 Amp Isolation Model, 12v  ETHFSS-SPFL
ETHFSS-SP-ISO

Features

• Select-a-Pattern Technology with eight user selectable flash patterns
• Ideal for most “big three” car models - designed for two to four headlight positive side switched headlight systems
• Durable and non-corrosive ABS plastic housing
• 100% solid state output, potted design for long-lasting, reliable performance
• Positive switching

Headlight Plug-in, Vehicle Specific

Chevrolet Caprice, 2011+  ETHFSS-CP

Chevrolet Tahoe, Solid State 2007+  ETHTAH0-07+

Features

• Single flash pattern, PowerPulse
• Features high beam override
• Built-in shutdown protection against loss of ground, short circuit and under voltage
• Durable and non-corrosive ABS plastic housing
• 100% solid state, potted design for long-lasting, reliable performance

Dodge Ram, 2018-2020  ETHFK01

Features

• Select-A-Pattern technology which includes seven flash patterns
• Easy installation with plug-in connectors
• Durable and non-corrosive ABS plastic housing
• Positive switching
• 8-30 Vdc, 9.5 Amp output, isolated
• 100% solid state, potted design for long-lasting, reliable performance
**Headlight Plug-in, Vehicle Specific**

continued...

Ford PI Utility, 2016 and 2017

ETHFFUT-16

**Features**

- 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
- Alternating red and white light creates an effective rear warning signal to greatly reduce rear end collisions
- 100% solid state, potted design for long-lasting, reliable performance

---

**Flashback Alternating Taillight**

Taillight

Amp Connector and Fleet Harness

ETFBSSN-P

ETFBSANFL

**Features**

- 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
- 10-16 Vdc

---

**Flashback Alternating Taillight, Vehicle Specific**

PI Utility, 2016 and 2017

ETTFFUT-16

**Features**

- 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
- Alternating red and white light creates an effective rear warning signal to greatly reduce rear end collisions
- 100% solid state, potted design for long-lasting, reliable performance

---

**Flashback Alternating Taillight, Vehicle Specific**

continued...
**Flashers**

**Flashback Alternating Taillight, Vehicle Specific**

continued...

Dodge Charger, 2010-2020 ETTFK03

Dodge Durango, 2010-2020 ETTFK02

---

**Features: Charger and Durango**

- Flashing ring and reverse (Charger) or flashing ring (Durango)
- Outer ring and reverse alternate with center ring (Charger) or outer ring alternate with center ring (Durango)
- 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
- Durable and non-corrosive ABS plastic housing
- Alternating red and white light creates an effective rear warning signal to greatly reduce rear and collisions
- 100% solid state, potted design for long-lasting, reliable performance
- 10-16 Vdc, 5 Amp output

---

Dodge Ram, 2018-2020 ETHFK01

**Features**

- 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
- Durable and non-corrosive ABS plastic housing
- Alternating red and white light creates an effective rear warning signal to greatly reduce rear and collisions
- 100% solid state, potted design for long-lasting, reliable performance
- 10-16 Vdc, 5 Amp output
## 4500 Series LED Beacons

### Features
- Lens with UV inhibitor prevents sun fade
- Rated to last 20,000+ hours
- Heavy duty cast aluminum base

### Technical Specifications
- **Input Voltage Range**: 10-30 Vdc
- **Current Draw**: 1 Amp @ 12 Vdc, 0.5 Amp @ 24 Vdc
- **LED Count**: 12 LEDs
- **Flash Patterns**: 8 flash patterns
- **Operating Temperature**: -40° C to + 65° C
- **Dimensions**: Low Dome 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
- **Certifications**: SAE J845 Class 1 certified
- **Warranty**: Five-year

### ACCESSORIES
- **Semi-truck Mirror Application Beacon Bracket Kit, Flat/Pipe Mount** (includes mounting hardware)
  - 1" diameter tube: P8CBK001
  - 1¼" diameter tube: P8CBK002
  - 1½" diameter tube: P8CBK003
- **Dust Cover**: 6" height E360DC6
- **Branch Guard**: 4" height PESB41BG4, 6" height PESB41BG6

---

Replace (xx) in the Order Number for LED Color and Dome Color Selection

<table>
<thead>
<tr>
<th>AA</th>
<th>AC</th>
<th>BC</th>
<th>BB</th>
<th>FC</th>
<th>GC</th>
<th>GG</th>
<th>JC</th>
<th>RC</th>
<th>RR</th>
<th>WC</th>
</tr>
</thead>
<tbody>
<tr>
<td>= Amber LEDs, Amber Dome</td>
<td>= Amber LEDs, Clear Dome</td>
<td>= Blue LEDs, Clear Dome</td>
<td>= Blue LEDs, Blue Dome</td>
<td>= Amber and White LEDs, Clear Dome</td>
<td>= Green LEDs, Clear Dome</td>
<td>= Green LEDs, Green Dome</td>
<td>= Red and Blue LEDs, Clear Dome (low dome only)</td>
<td>= Red LEDs, Clear Dome</td>
<td>= Red LEDs, Red Dome</td>
<td>= White LEDs, Clear Dome</td>
</tr>
</tbody>
</table>

Beacon sold separately.
### LED Beacons

#### Low Dome, Flat/Pipe Mount

<table>
<thead>
<tr>
<th>LED Count</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED</td>
<td>Single or Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

#### Low Dome, Magnetic with Cig Plug Mount

<table>
<thead>
<tr>
<th>LED Count</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED</td>
<td>Single Color, Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED</td>
<td>Single or Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

#### High Dome, Flat/Pipe Mount

<table>
<thead>
<tr>
<th>LED Count</th>
<th>Beacon Style</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Split</td>
<td>Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>12 LED</td>
<td>Solid or Split</td>
<td>Single or Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>

#### High Dome, Magnetic Mount

<table>
<thead>
<tr>
<th>LED Count</th>
<th>Beacon Style</th>
<th>Color Selections</th>
<th>Dome Colors</th>
<th>SAE J845 Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Amber</td>
<td>Class 2</td>
</tr>
<tr>
<td>3 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>6 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Amber</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Solid</td>
<td>Single Color, Upper and Lower Amber LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
<tr>
<td>6 LED</td>
<td>Split</td>
<td>Single Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 2</td>
</tr>
<tr>
<td>12 LED</td>
<td>Solid</td>
<td>Dual Colors, Amber, Red or White LEDs</td>
<td>Clear</td>
<td>Class 1</td>
</tr>
</tbody>
</table>
Features

- Low dome has four modules and high dome has eight modules
- Includes 8 total modules that provide 360 degrees of intense lighting coverage
- Ability to customize with all white illumination to light up work areas
- Cruise and low power modes
- Premium aluminum base with durable polycarbonate lens

**High Dome Beacon Styles**

<table>
<thead>
<tr>
<th>Solid = Single LED color options for upper and lower</th>
<th>Split = Single or Dual LED color options for upper and lower</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UPPER</strong></td>
<td><strong>LOWER</strong></td>
</tr>
<tr>
<td>Solid Color: A = ●</td>
<td>Solid Color: B = ●</td>
</tr>
<tr>
<td>Split, Single Colors: AR = ●●</td>
<td>Split, Dual Colors: FF = ●●○</td>
</tr>
<tr>
<td>Split, Dual Colors: AW = ●○</td>
<td>Split, Dual Colors: KK = ●●●</td>
</tr>
</tbody>
</table>

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

LOW DOME Single Color: A = ● Dual Colors: F = ●○ J = ●●


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

**INPUT VOLTAGE RANGE**

10-16 Vdc or 9-32 Vdc (configurable option)

**NUMBER OF LEDS AND MAXIMUM CURRENT DRAW PER MODULE @ 12.8 VDC**

- 3 LED Single Color: .5 Amp
- 6 LED Single Color: 1 Amp or 6 LED Dual Color: .5 Amp
- 9 LED Single Color: 1.5 Amp
- 12 LED Single Color: 2 Amp; 12 LED Dual Color: 1 Amp
- 18 LED Tricolor: 1 AMP

**NUMBER OF LEDS AND MAXIMUM WATTAGE PER MODULE @ 12.8 VDC**

- 3 LED Single Color: Steady burn, 6.4 Watts, flashing, 3.2 Watts
- 6 LED Single Color: Steady burn, 12.8 Watts, flashing, 6.4 Watts
- 6 LED Dual Color: Steady burn, 6.4 Watts, flashing, 3.2 Watts
- 9 LED Single Color: Steady burn, 19.2 Watts, flashing, 9.6 Watts
- 12 LED Single Color: Steady burn, 25.6 Watts, flashing, 12.8 Watts
- 12 LED Dual Color: Steady burn, 12.8 Watts, flashing, 6.4 Watts

**FLASH PATTERNS**

43 flash patterns; 9 user selectable modes

**LIGHT SYNC**

Up to 24

**OPERATING TEMPERATURE**

-40° C to + 65° C

**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

**WARRANTY**

Five-year

**ACCESSORIES**

Beacons sold separately.

<table>
<thead>
<tr>
<th>Branch Guard and Base Plate Kit</th>
<th>Flat/Pipe mount, high and low dome</th>
<th>PNRBCBGBH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four Button Cig Plug Controller</td>
<td>Low and high dome</td>
<td>Configurator Option</td>
</tr>
<tr>
<td>VHB Magnetic Plate Adapter Kit</td>
<td>Kit includes (1) one VHB pad and metal plate</td>
<td>PNRLBK03</td>
</tr>
</tbody>
</table>

soundoffsignal.com
### Features
- Ten high flux LEDs
- Wireless remote control
- 370° rotation x 135° tilt
- 320,000 candela; max beam distance of 3,711 feet
- Eight degree beam angle
- UV ray and saltwater resistant
- Weatherproof for land and sea applications

### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Black Housing</th>
<th>Chrome Housing</th>
<th>White Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>12 Vdc</td>
<td>12 Vdc</td>
<td>12 Vdc</td>
</tr>
<tr>
<td>LED Count</td>
<td>10 LED</td>
<td>10 LED</td>
<td>10 LED</td>
</tr>
<tr>
<td>Watts</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Beam Pattern</td>
<td>Spot</td>
<td>Spot</td>
<td>Spot</td>
</tr>
<tr>
<td>Amperage</td>
<td>2.8 Amp</td>
<td>2.8 Amp</td>
<td>2.8 Amp</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>7&quot; (17.78 cm)</td>
<td>7&quot; (17.78 cm)</td>
<td>7&quot; (17.78 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>7&quot; (17.78 cm)</td>
<td>7&quot; (17.78 cm)</td>
<td>7&quot; (17.78 cm)</td>
</tr>
<tr>
<td>Depth</td>
<td>8&quot; (20.32 cm)</td>
<td>8&quot; (20.32 cm)</td>
<td>8&quot; (20.32 cm)</td>
</tr>
<tr>
<td>Mount</td>
<td>Permanent mount</td>
<td>Permanent mount</td>
<td>Permanent mount</td>
</tr>
<tr>
<td>Warranty</td>
<td>Five-year</td>
<td>Five-year</td>
<td>Five-year</td>
</tr>
</tbody>
</table>
WL4, WL5 and WL9
700, 900 and 1800 Lumen LED Lights

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>WL4</th>
<th>WL5</th>
<th>WL9</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT VOLTAGE</td>
<td>10-30 Vdc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CURRENT DRAW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL4</td>
<td>.6 Amp @ 13.5 Vdc, .3 Amp @ 28 Vdc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL5</td>
<td>.97 Amp @ 13.5 Vdc, .47 Amp @ 28 Vdc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL9</td>
<td>1.5 Amps @ 13.5 Vdc, .8 Amp @ 28 Vdc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED COUNT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL4</td>
<td>4 LEDs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL5</td>
<td>5 LEDs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL9</td>
<td>9 LEDs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ILLUMINATION PATTERNS</td>
<td>WL4 and WL9: Flood and spot patterns</td>
<td>WL5: Spot pattern</td>
<td></td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40° to +65° C / -40° to +149° F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COLOR TEMPERATURE</td>
<td>6500k</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL4</td>
<td>Height 4.1&quot; Width 2.8&quot; Depth 1.8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL5</td>
<td>Height 5.8&quot; Width 4.3&quot; Depth 1.8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WL9</td>
<td>Height 5.5&quot; Width 4.4&quot; Depth 2.9&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOUNT</td>
<td>One bolt with rubber mounting pad</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CERTIFICATION</td>
<td>EMC ECE Reg. 10 certified</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WARRANTY</td>
<td>Three-year</td>
<td></td>
<td></td>
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</tbody>
</table>