MicroPulse® External Mount/Perimeter Lights

**Features**

- Low-profile for discreet mounting
- Models available for hood, grille, and surface mount applications
- Superior warning with high-power LEDs
- Solid and dual color models available
- Single/multi-unit synchronization
- Multi-voltage input of 12/24 VDC
- Brackets available for multiple mounting options
- Three-year warranty

**Approvals**

- All models are IP67 rated, moisture and dust proof
- SAE J845, Class 1
- SAE J595, Class 1

**High-performance LEDs provide first-responder and work truck vehicles with superior auxiliary warning capability** Extremely compact MicroPulse perimeter lights feature an advanced high-output LED light head for additional warning around the outside of your vehicle.

**MicroPulse’s stealthy, low-profile design accommodates the full range of hood-, grille- and surface-mount applications** Available in solid and dual color models, MicroPulse lights can be programmed to operate as a single unit or in synchronization with multiple MicroPulse light heads. Built-in flash patterns enable multiple vehicle perimeter lights to be either synchronized in the same pattern or in reverse sequence.

**Built to Last**

The MicroPulse lens is made of UV resistant polycarbonate to protect against harsh conditions. Certified to meet IP67, MicroPulse perimeter lights have a fully encapsulated waterproof housing that provides a barrier against dust, moisture and water.

**MicroPulse delivers optimum flexibility through a choice of different colors and color combinations** Colors include Red, Blue, White and Amber as well as dual color models in Red/Blue, Blue/White, Red/White and White/Amber combinations.
**MicroPulse Compliance Chart**

<table>
<thead>
<tr>
<th>Color</th>
<th>Flash Patterns</th>
<th>SAE J845</th>
<th>SAE J595</th>
<th>CA T13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>9-12, 14</td>
<td>Class 1</td>
<td>Class 1</td>
<td>-</td>
</tr>
<tr>
<td>Blue</td>
<td>9, 10, 12</td>
<td>Class 1</td>
<td>Class 1</td>
<td>-</td>
</tr>
<tr>
<td>Blue</td>
<td>11 &amp; 14</td>
<td>Class 2</td>
<td>Class 2</td>
<td>-</td>
</tr>
<tr>
<td>Amber</td>
<td>9-12, 14</td>
<td>Class 1</td>
<td>Class 1</td>
<td>-</td>
</tr>
<tr>
<td>White</td>
<td>9, 10, 12, 14</td>
<td>Class 1</td>
<td>Class 1</td>
<td>-</td>
</tr>
<tr>
<td>White</td>
<td>11</td>
<td>Class 1</td>
<td>Class 2</td>
<td>-</td>
</tr>
<tr>
<td>Red</td>
<td>9</td>
<td>-</td>
<td>-</td>
<td>Class B</td>
</tr>
<tr>
<td>Blue</td>
<td>9</td>
<td>-</td>
<td>-</td>
<td>Class B</td>
</tr>
<tr>
<td>Amber</td>
<td>9</td>
<td>-</td>
<td>-</td>
<td>Class B</td>
</tr>
<tr>
<td>White</td>
<td>-</td>
<td>N/C</td>
<td>Class 2</td>
<td>N/C</td>
</tr>
</tbody>
</table>

*All LEDs operating in sync

**Specifications**

Voltage: 12/24 VDC

Current Draw:
- 0.55 A at 12 VDC
- 0.26 A at 24 VDC

Operating temp: -40°C to 80°C

**Physical Specifications**

<table>
<thead>
<tr>
<th>Hood Version</th>
<th>Surface Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>0.94 in (2.4 cm) 1.1 in (2.8 cm)</td>
</tr>
<tr>
<td>Length</td>
<td>4.2 in (10.8 cm) 5.0 in (12.7 cm)</td>
</tr>
<tr>
<td>Depth</td>
<td>1.7 in (4.3 cm) 0.68 in (1.73 cm)</td>
</tr>
</tbody>
</table>

**Ship Weight**

0.75 lbs (0.34 kg)

**Patterns and Flash Rates**

<table>
<thead>
<tr>
<th>Flash Pattern</th>
<th>Description</th>
<th>Flash Pattern</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Double(all)</td>
<td>11</td>
<td>Steady 4(all)</td>
</tr>
<tr>
<td>2</td>
<td>Quad(all)</td>
<td>12</td>
<td>Quad(all)</td>
</tr>
<tr>
<td>3</td>
<td>Quint(all)</td>
<td>13</td>
<td>Quint(all)</td>
</tr>
<tr>
<td>4</td>
<td>Mega(all)</td>
<td>14</td>
<td>Mega(all)</td>
</tr>
<tr>
<td>5</td>
<td>Ultra(all)</td>
<td>15</td>
<td>Ultra(all)</td>
</tr>
<tr>
<td>6</td>
<td>Single Quad(all)</td>
<td>16</td>
<td>Single Quad(all)</td>
</tr>
<tr>
<td>7</td>
<td>Single H/L(all)</td>
<td>17</td>
<td>Single H/L(all)</td>
</tr>
<tr>
<td>8</td>
<td>Steady 2(CA)</td>
<td>18</td>
<td>Steady 2(CA)</td>
</tr>
<tr>
<td>9</td>
<td>Steady 4(all)</td>
<td>19</td>
<td>Steady 4(all)</td>
</tr>
</tbody>
</table>

(1) MPS600-AA and (1) MPS600-BB on back hatch
## Select Model

**MicroPulse 6, Surface Mount, 12/24 VDC**
- **MPS600-AA**: 6-LED light head, Amber/Amber

**MicroPulse 6**
- **Hood/Grille Mount, 12/24 VDC**
  - **MPS650-AA**: 6-LED light head, Amber/Amber
  - **MPS650-BB**: 6-LED light head, Blue/Blue
  - **MPS650-RR**: 6-LED light head, Red/Red
  - **MPS650-WW**: 6-LED light head, White/White

**MicroPulse 6, Dual color,**
- **Hood/Grille Mount, 12/24 VDC**
  - **MPS652-BR**: 12-LED light head, Blue/Red
  - **MPS652-BW**: 12-LED light head, Blue/White
  - **MPS652-RW**: 12-LED light head, Red/White
  - **MPS652-WA**: 12-LED light head, White/Amber

**MicroPulse 6, Marker Light, Surface mount,**
- **12/24 VDC**
  - **MPS600M-RA**: (3) LED Red marker light, (3) LED Amber flashing
  - **MPS600M-AA**: (3) LED Amber marker light, (3) LED Amber flashing

**MicroPulse 6 Brackets**
- **MPSM6-LB**: Generic L-bracket for (1) MPS600 light or (1) MPS600U light
- **MPSM6-DS**: Generic L-bracket for (2) MPS600 lights stacked or (2) MPS600U lights stacked
- **MPSM6-DL**: Generic L-bracket for (2) MPS600 lights side-by-side or (2) MPS600U lights side-by-side
- **MPSM6-SB**: Swivel mount bracket for (1) MPS600 light or (1) MPS600U light
- **MPSM6-BOOT**: Rubber boot mount for (1) MPS600 light
- **MPSM6-BOOTKIT**: (2) Rubber boot mounts, (2) mounting plates for (2) MPS600 lights
- **MPSM6-SPACRKT**: Kit of four 5-degree rubber mounting wedges for use with MPS600 lights
- **MPSM650-SPACRKT**: Kit of four 5-degree rubber mounting wedges for use with (2) MPS650 lights
- **MPSM6-TA15RS**: Pair of spoiler brackets, each bracket holds (3) MPS6/MPS6U lights, Chevrolet Tahoe, 2015-2020
- **MPSM6-DU15RS**: Pair of spoiler brackets, each bracket holds (3) MPS6/MPS6U lights, Dodge Durango, 2015-2020
- **MPSM6-FPIURS**: Pair of spoiler brackets, each bracket holds (1) MPS6/MPS6U light, Ford Police Interceptor Utility, 2013-2019
- **MPSM6-FPIURS2**: Pair of spoiler brackets, each bracket holds (3) MPS6/MPS6U lights, Ford Police Interceptor Utility, 2013-2019
- **MPSM6-FPIU20RS1**: Pair of spoiler brackets, each bracket holds (1) MPS6/MPS6U light, Ford Police Interceptor Utility, 2020
- **MPSM6-FPIU20RS2**: Pair of spoiler brackets, each bracket holds (3) MPS6/MPS6U lights, Ford Police Interceptor Utility, 2020
- **Z861302781A**: Pair of B-pillar brackets, each bracket mount (1) MPS650 light on the rear pillar, Chevrolet Tahoe, 2015-2019, Ford Police Interceptor Utility, 2020
MicroPulse 6 Brackets

MPSM6-LB
MPSM6-D5
MPSM6-DL
MPSM6-SB

MPSM6-BOOT
MPSM6-BOOTKIT
MPSM6-FPIURS
MPSM6-FPIURS2

MPSM6-TA15RS
MPSM6-SPACRKT
MPSM6-DU15RS
MPSM6-DU15RS

MPSM6-FPIU20RS1
MPSM6-FPIU20RS2
ZB61302781A
ZB61302757A