



## ▶ 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, split-color and dual-color models available
- Single/multi-unit synchronization
- Multi-voltage input of 12-24 VDC
- Brackets available for multiple mounting options
- IP67 rated for protection against dust and water
- Three-year warranty

### APPROVALS

- 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, split-color 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 split-color and dual-color models in Red/Blue, Blue/Amber and Red/White combinations.



MPS6 shown as surface mount



MPS6 shown with grille/hood mount



## SPECIFICATIONS

### 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

	Hood Version	Surface Mount
Height	0.94 in (2.4 cm)	1.1 in (2.8 cm)
Length	4.2 in (10.8 cm)	5.0 in (12.7 cm)
Depth	1.7 in (4.3 cm)	0.68 in (1.73 cm)

### Ship Weight

0.75 lbs (0.34 kg)

### Patterns and Flash Rates

Flash Pattern	Description	Flash Pattern	Description
1	Double(all)	11	Steady 4(all)
2	Quad(all)	12	Quad(all)
3	Quint(all)	13	Quint(all)
4	Mega(all)	14	Mega(all)
5	Ultra(all)	15	Ultra(all)
6	Single Quad(all)	16	Single Quad(all)
7	Single H/L(all)	17	Single H/L(all)
8	Steady 2(CA)	18	Steady 2(CA)
9	Steady 4(all)	19	Steady 4(all)
10	Steady 4(all)		

### MicroPulse Compliance Chart

#### MicroPulse 6 Lights

Color	Flash Patterns	SAE J845	SAE J595	CA T13
Red	9-12, 14	Class 1	Class 1	-
Blue	9, 10, 12	Class 1	Class 1	-
Blue	11 & 14	Class 2	Class 2	-
Amber	9-12, 14	Class 1	Class 1	-
White	9, 10, 12, 14	Class 1	Class 1	-
White	11	Class 1	Class 2	-
Red	9	-	-	Class B
Blue	9	-	-	Class B
Amber	9	-	-	Class B
White	-	N/C	Class 2	N/C

\*All LEDs operating in sync



MPS650-RW side mirror



(2) MPS652-BA on back hatch



MPS600-RB on spoiler

**Select Model**

**MicroPulse 6, Surface Mount, 12-24 VDC**

- MPS600-AA 6-LED light head, Amber/Amber
- MPS600-BB 6-LED light head, Blue/Blue
- MPS600-RB 6-LED light head, Red/Blue
- MPS600-RR 6-LED light head, Red/Red

**MicroPulse 6, Split-Color, Hood/Grille Mount, 12-24 VDC**

- MPS650-AA 6-LED light head, Amber/Amber
- MPS650-BA 6-LED light head, Blue/Amber
- MPS650-BB 6-LED light head, Blue/Blue
- MPS650-BW 6-LED light head, Blue/White
- MPS650-RB 6-LED light head, Red/Blue
- MPS650-RR 6-LED light head, Red/Red
- MPS650-RW 6-LED light head, Red/White
- MPS650-WW 6-LED light head, White/White

**MicroPulse 6, Dual-Color, Hood/Grille Mount, 12-24 VDC**

- MPS652-BA 12-LED light head, Blue/Amber
- MPS652-BR 12-LED light head, Blue/Red
- MPS652-BW 12-LED light head, Blue/White
- MPS652-RA 12-LED light head, Red/Amber
- 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-BOOT Rubber boot mount for (1) MPS600 light
- 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-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
- MPSM6-FPIURS Ford Interceptor Utility spoiler bracket kit, (2) MPS600 lights or (2) MPS600U lights
- MPSM6-FPIURS2 Ford Interceptor Utility spoiler bracket kit, (6) MPS600 lights or (6) MPS600U lights
- MPSM6-TA15RS Chevrolet Tahoe spoiler bracket kit, (6) MPS600 lights or (6) MPS600U lights
- MPSM6-FPISSM Kit, MPS side marker mount, Ford Interceptor Sedan
- MPSM650-SPACRKT Kit of four 5-degree rubber mounting wedges for use with (2) MPS650 lights
- MPSM6-DU15RS Dodge Durango spoiler bracket kit, (3) MPS600/MPS600U/MPS620U lights



### MicroPulse 6 Brackets



MPSM6-LB



MPSM6-DS



MPSM6-DL



MPSM6-SB



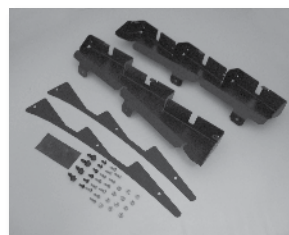
MPSM6-BOOT



MPSM6-BOOTKIT



MPSM6-FPIURS



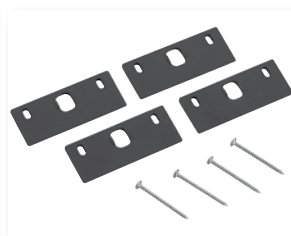
MPSM6-FPIURS2



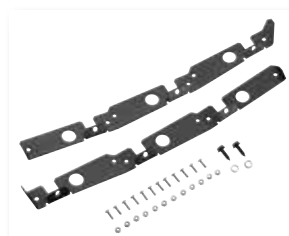
MPSM6-TA15RS



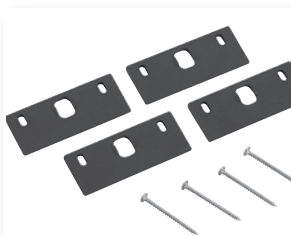
MPSM6-FPISSM



MPSM6-SPACRKT



MPSM6-DU15RS



MPSM650-SPACRKT