



## ► 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.



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



(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 flashingMPS600M-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 lightMPSM6-DS Generic L-bracket for (2) MPS600  
lights stacked or (2) MPS600U lights  
stackedMPSM6-DL Generic L-bracket for (2) MPS600 lights  
side-by-side or (2) MPS600U lights  
side-by-sideMPSM6-SB Swivel mount bracket for (1) MPS600  
light or (1) MPS600U lightMPSM6-BOOT Rubber boot mount for (1) MPS600  
lightMPSM6-BOOTKIT (2) Rubber boot mounts, (2) mounting  
plates for (2) MPS600 lightsMPSM6-SPACRKT Kit of four 5-degree rubber mounting  
wedges for use with MPS600 lightsMPSM650-SPACRKT Kit of four 5-degree rubber mounting  
wedges for use with (2) MPS650 lightsMPSM6-TA15RS Pair of spoiler brackets, each bracket  
holds (3) MPS6/MPS6U lights,  
Chevrolet Tahoe, 2015-2020MPSM6-DU15RS Pair of spoiler brackets, each bracket  
holds (3) MPS6/MPS6U lights, Dodge  
Durango, 2015-2020MPSM6-FPIURS Pair of spoiler brackets, each bracket  
holds (1) MPS6/MPS6U light, Ford Police  
Interceptor Utility, 2013-2019MPSM6-FPIURS2 Pair of spoiler brackets, each bracket  
holds (3) MPS6/MPS6U lights, Ford Police  
Interceptor Utility, 2013-2019MPSM6-FPIU20RS1 Pair of spoiler brackets, each bracket  
holds, (1) MPS6/MPS6U light, Ford Police  
Interceptor Utility, 2020MPSM6-FPIU20RS2 Pair of spoiler brackets, each bracket  
holds (3) MPS6/MPS6U lights, Ford Police  
Interceptor Utility, 2020Z861302781A Pair of B-pillar brackets, each bracket  
mount (1) MPS650 light on the rear pillar,  
Chevrolet Tahoe, 2015-2019, Ford Police  
Interceptor Utility, 2020Z861302757A Pair of B-pillar brackets, each bracket  
mount (1) MPS650 light on the rear pillar,  
Dodge Charger, 2011-2019, Ford Police  
Interceptor Utility, 2011-2019

## MicroPulse 6 Brackets



MPSM6-LB



MPSM6-DS



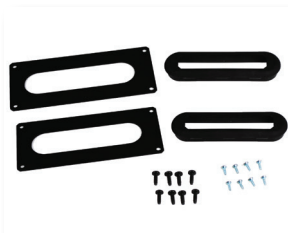
MPSM6-DL



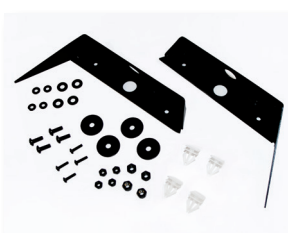
MPSM6-SB



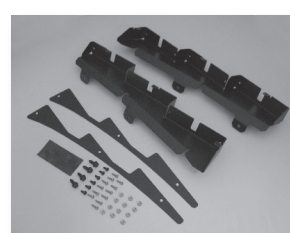
MPSM6-BOOT



MPSM6-BOOTKIT



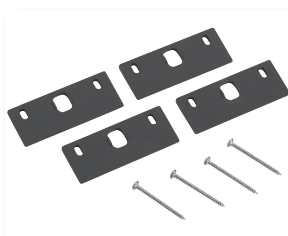
MPSM6-FPIURS



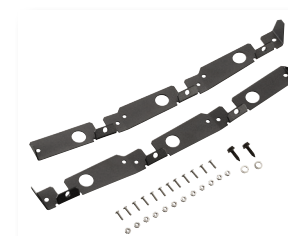
MPSM6-FPIURS2



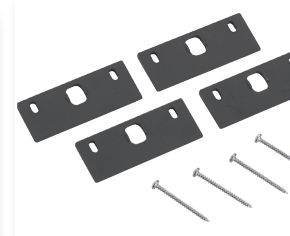
MPSM6-TA15RS



MPSM6-SPACRKT



MPSM6-DU15RS



MPSM650-SPACRKT



MPSM6-FPIU20RS1



MPSM6-FPIU20RS2



Z861302781A



Z861302757A