▶ 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 split-color models are available.
- Single/multi-unit synchronization.
- Dual-color hood/grille models (MPS652)
- Multi-voltage input of 12-24 VDC.
- Brackets available for multiple mounting options.
- Three-year LED warranty.

APPROVALS

MicroPulse 6 models

- SAE J845
- SAE J595

MicroPulse 3 models

- SAE J845
- SAE J595

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 lighthead 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 both solid and split-color models, MicroPulse lights can be programmed to operate as single unit or in synchronization with multiple MicroPulse lightheads. Built-in flash patterns enable multiple vehicle perimeter lights to be either synchronized in the same pattern or in opposite sequence.

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 models in red/blue, blue/amber and red/white combinations. Other features include a fully encapsulated water-proof housing, and multi-voltage input of 12-24 VDC.

MPS6 shown as surface mount

MPS3 shown as surface mount

MPS6 shown with grille/hood mount

MPS3 shown with grille/hood mount

3 YEARS LED WARRANTY

MPS300 and MPS350 Models

Specifications

Voltage	12-24 VDC
Current Draw	0.2 Amps at 12 VDC 0.11 Amps at 24 VDC
Operating temp	-40ºC to 80ºC

Physical Specifications

	Hood Version	Surface Mount
Height	0.94 in (2.4 cm)	1.1 in (2.8 cm)
Length	2.5 in (6.5 cm)	3.4 in (8.6 cm)
Depth	1.5 in (3.7 cm)	0.6 in (1.6 cm)

Ship Weight

	0.5 lbs (0.23 kg)

Patterns and Flash Rates

Flash Pattern	Description	Flash Pattern	Description
1	Random	11	Single H/L
2	Steady	12	Single Triple Quint
3	Single	13	N/A
4	Mega	14	N/A
5	Double	15	N/A
6	Triple	16	N/A
7	Quad	17	N/A
8	Quint	18	N/A
9	8 Flash	19	N/A
10	Single-Quad		

MPS300/MPS350 Compliance Chart

Color	Flash Patterns	SAE J845	SAE J595	CA T13
Red	2, 4, 5, 7	Class 1	Class 1	-
Red	6 & 8	Class 2	Class 2	-
Blue	2, 4-8	Class 2	Class 2	-
Amber	2, 4-8	Class 2	Class 2	-
White	2, 4-8	Class 2	Class 2	-
Red	7	-	-	Class B
Blue	-	-	-	N/C
Amber	-	-	-	N/C
White	-	N/C	Class 2	N/C

MPS600 and MPS650 Models

Specifications

Voltage	12-24 VDC
Current Draw	0.55 Amps at 12 VDC 0.26 Amps at 24 VDC
Operating temp	-40ºC to 80ºC

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)		

MPS600/MPS650 Compliance Chart

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 LED's operating in sync

Select Model

Hood/Grille Mount, 3-LED light head, Black housing, 12-24VDC

MPS350-R	3-LED light head, Red
MPS350-B	3-LED light head, Blue
MPS350-A	3-LED light head, Amber
MPS350-W	3-LED light head, White

Hood/Grille Mount, 6-LED light head, Black housing, 12-24VDC

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

Surface Mount, 6-LED light head, Black housing, 12-24VDC

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

Dual-Color, hood/grille mount light-head with black bezel, 12-24 VDC, 12-LEDs total (6 per color)

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 3 Brackets

MPSM3-LB	L-Bracket for (1) MPS300
MPSM3-DS	L-Bracket for (2) MPS300, stacked
MPSM3-BOOT	Rubber boot mount for (1) MPS300
MPSM3-DL	L-Bracket for (2) MPS300, side-by-side
MPSM3-SB	Swivel Mount Bracket for (1) MPS300
MPSM3-BOOTKIT	(2) Rubber boot mounts, (2) boot mounting plates for (2) MPS300

MicroPulse 6 Brackets

MPSM6-LB	L-Bracket for (1) MPS600
MPSM6-DS	L-Bracket for (2) MPS600, stacked
MPSM6-BOOT	Rubber boot mount for (1) MPS600
MPSM6-DL	L-Bracket for (2) MPS600, side-by-side
MPSM6-SB	Swivel Mount Bracket for (1) MPS600
MPSM6-BOOTKIT	(2) Rubber boot mounts, (2) boot mounting plates for (2) MPS600

MPS600-RB

MPS600-RR

MPS600-BB

Optional Accessories
MicroPulse 3 Brackets

MPSM3-LB

MPSM3-DS

MPSM3-BOOT

MPSM3-DL

MPSM3-SB

MPSM3-BOOTKIT

MPSM3-SPACRKT

MicroPulse 6 Brackets

MPSM6-LB

MPSM6-DS

MPSM6-DL

MPSM6-SB

MPSM6-BOOT

MPSM6-BOOTKIT

MPSM6-SPACRKT

FEDERAL SIGNAL