

MicroPulse® C Series

Exterior Perimeter Light



FEATURES

- Low-profile perimeter warning light
- Single- and dual-color models
- Steady Burn models are available for use with FSJoin Convergence Network sirens and controllers
- (27) single-color or (18) dual-color flash patterns
- 12 Vdc
- Black surface mount bezel and stud mount standard
- Five-year warranty

APPROVALS

Single-color Models

- SAE J845 Class 2 (Amber, Blue, Red, White)
- SAE J595 Class 1 (Amber, Blue, Red, White)
- CCR Title 13 Class B (Amber, Blue, Red)
- IP67

Dual-color Models

- SAE J845 Class 3 (Amber, Blue, Red, White)
- SAE J595 Class 2 (Amber, Red, White) and Class 1 (Blue)
- CCR Title 13 Class B (Amber, Blue, Red)
- IP67

FS TECHNOLOGY



FSJoin™

High Performing Warning Light

MicroPulse® C Series lights are ideal for police cars, commander and work truck vehicles. The slim-line shape easily mounts on grille, rub rails, or other vertical surfaces. MicroPulse C Series models come in various LED colors including Amber, Blue, Red and White, and dual-color combinations. Single-color models have (6) LEDs and dual-color models have (4) LEDs per color, for a total of (8) LEDs. The advanced high-output LED light head can be programmed to operate as a single unit or synchronize with multiple MicroPulse light heads.

FSJoin™ Compatible

Dual-Color MicroPulse C Series models are also available in Steady Burn models that are FSJoin compatible. FSJoin is a programming compatibility feature of Federal Signal's light bars and exterior/interior warning lights that work in conjunction with a Convergence Network siren or controller. When using FSJoin products, the Convergence Network siren/light controller controls all of the vehicle's warning light flash patterns, dimming feature, and light head syncing/alternating patterns.

Built to Last

The MicroPulse C Series lens is made of UV-resistant polycarbonate to protect against harsh conditions. Certified to meet IP67, the MicroPulse C Series has a fully encapsulated water-proof housing that provides a barrier against dust and water. Models come standard with a Black bezel and stud mount.

Versatile Solution for Warning Light Application

Suitable for external mounting applications, each model includes a Black surface mount bezel and a stud mount. Shown below is the MicroPulse C Series installed in the pre-drilled grille of the Ford Police Interceptor Utility.



2016–2019 Police Interceptor Ford Utility grille shown without the light



MicroPulse C Series shown with optional stud mount for easy installation



MicroPulse C Series shown mounted in grille

HOW TO ORDER

MICROPULSE® C SERIES, SINGLE-COLOR, CLEAR LENS SURFACE MOUNT AND STUD MOUNT, 12 VDC

MPSC-A	6-LED light head, Amber
MPSC-B	6-LED light head, Blue
MPSC-R	6-LED light head, Red
MPSC-W	6-LED light head, White

MICROPULSE C SERIES, DUAL-COLOR, CLEAR LENS SURFACE MOUNT AND STUD MOUNT, 12 VDC

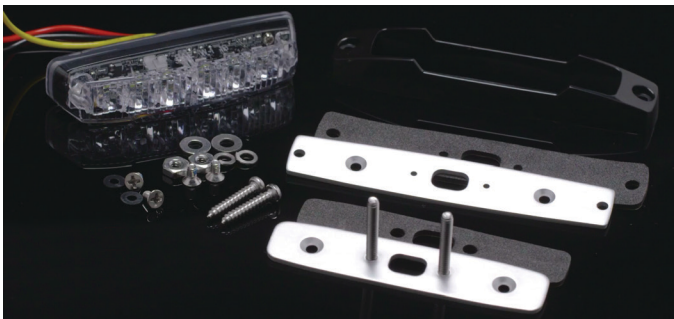
MPSC2-RB	8-LED light head, Red/Blue
MPSC2-BW	8-LED light head, Blue/White
MPSC2-RW	8-LED light head, Red/White
MPSC2-AW	8-LED light head, Amber/White

MICROPULSE C SERIES, STEADY BURN, DUAL-COLOR, CLEAR LENS, SURFACE MOUNT AND STUD MOUNT, 12 VDC *FSJ01N-COMPATIBLE

MPSC2X-RB	8-LED light head, Red/Blue
MPSC2X-BW	8-LED light head, Blue/White
MPSC2X-RW	8-LED light head, Red/White

ACCESSORIES

MPSMC-LBWN	L-bracket kit for (1) MPSC light
MPSMC-SBWN	Swivel mount bracket for (1) MPSC light



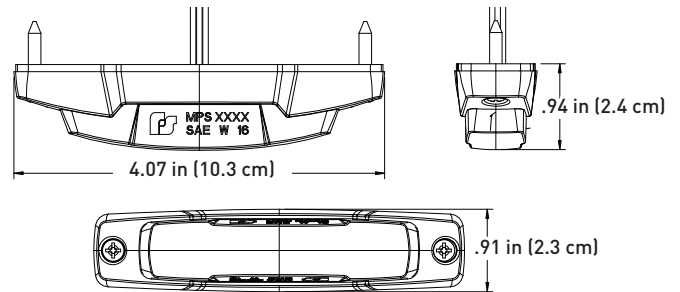
Each model includes light head, Black bezel, surface and stud mount brackets, gaskets, and mounting hardware. Stud mount can be used to install the MicroPulse C Series in the pre-drilled grille of the Ford Police Interceptor Utility, 2020-2025 for quick and easy installation.

SPECIFICATIONS

LED Color: **A** **B** **R** **W** Lens Color: **C**

	SURFACE MOUNT	STUD MOUNT
OPERATING VOLTAGE	12 Vdc	
CURRENT DRAW	0.7 A @ 12 Vdc	
OPERATING TEMP.	-40° to +176° F (-40° to +80°C)	
PHYSICAL SPECIFICATIONS		
LENGTH	4.07 in (10.3 cm)	3.3 in (8.4 cm)
WIDTH	0.94 in (2.4 cm)	0.94 in (2.4 cm)
HEIGHT	0.91 in (2.3 cm)	0.7 in (1.8 cm)
SHIP WEIGHT	0.8 lb (0.4 kg)	0.8 lb (0.4 kg)

SURFACE MOUNT



FLASH PATTERNS

SINGLE-COLOR C SERIES		DUAL-COLOR C SERIES	
1	Triple 92.3 (All)	1	Single 122 FPM
2	Triple 90 (All)	2	Single 90 FPM
3	Single 122 (All)	3	Single 113 FPM
4	Single 75 (All)	4	Triple Flash (2.04 Hz)
5	Single 90 (All)	5	Triple Flash (1.25 Hz)
6	Single 113 (All)	6	Double (R65)
7	Single 73 (All)	7	Quad (2 Hz)
8	Double 73 (All)	8	Random
9	Triple 73 (All)	9	Steady
10	Quad 73 (All)	10	Single
11	Quint 73 (All)	11	Mega
12	Mega (All)	12	Double
13	Ultra (All)	13	Quad
14	Single-Quad (All)	14	Quint
15	Single H/L (All)	15	Ultra
16	Steady All (All)	16	Single-Quad
17	Steady Half (California)	17	Single-H/L
18	Random	18	Single-Triple-Quint
19	Single (Split)		
20	Double (Split)		
21	Triple (Split)		
22	Quad (Split)		
23	Quint (Split)		
24	Mega (Split)		
25	Ultra (Split)		
26	Single-Quad (Split)		
27	Single H/L (Split)		

MicroPulse and Pathfinder are registered trademarks of Federal Signal Corporation.

