FEDERAL SIGNAL

A B C R

‣ In-Line Corner LED | Exterior Mount/Perimeter Warning
(416200)

- Built-in 19 selectable flash patterns.

- Multiple units are can be synchronized and can flash simultaneously or alternately.

- Reverse polarity protection.

- Weatherproof and vibration resistant.

- Maintenance-free.

- Low-profile design.

- "Plug-and-play" system.

- Three-year LED warranty.

In-line Corner LED Lighting Systems: Ideal for a variety of supplemental lighting needs.
Federal Signal's in-line corner LED systems feature a reliable low-profile lighthead that uses nine high-powered LEDs to promote multi-directional illumination. Easy-to-install assemblies are compatible with virtually all front corner, taillight and back-up light vehicular applications. In-line corner LED systems can be used as a single warning system or an extension of existing warning light devices. Additionally, multiple in-line corner LED systems can be synchronized to produce effective warning patterns between the back and the front of the vehicle.

Easy installation…simplified lighthead servicing.
In-line corner LED lightheads readily mount into a universal one-inch diameter hole; a gasket is included to prevent dust contamination. Specially designed in-line connectors significantly speed and simplify lighthead servicing for increased uptime.

Built to stand up to the most punishing conditions.
The system's lighthead is completely potted to provide a barrier against moisture and condensation. A nickel-plated aluminum base protects against corrosion while also offering efficient heat dispersion to promote extended service life. All in-line corner LED systems are backed by Federal Signal's comprehensive three-year warranty.

A versatile solution for supplemental warning light applications.
In-line corner LED systems include: in-line flasher, extension cable, two lightheads, gasket and mounting kit. All units support 19 flash patterns, and feature a "plug-and-play" system for faster, easier setup. Lightheads are available in red, blue, amber and clear.

Complete System Kits

416200-22	Amber/Amber, (2) LED heads with in-line flasher
416200-33	Blue/Blue, (2) LED heads with in-line flasher
416200-44	Red/Red, (2) LED heads with in-line flasher
416200-55	Clear/Clear, (2) LED heads with in-line flasher

(Kits include: In-line flasher, extension cable, 2 light heads, gaskets and mounting kit for install)

Options

Flasher

416205	In-line flasher with cables and connectors

LED Flasher Heads

416201-02	Amber, (1) LED flasher head
416201-03	Blue, (1) LED flasher head
416201-04	Red, (1) LED flasher head
416201-05	Clear, (1) LED flasher head

Complete System Kit

Specifications

System Voltage	12/24 VDC
Average Current	1.2 Amps @ 12.8 VDC/0.7 Amps @ 24 VDC
Average Power	15 Watts
Maximum Current	2.4 Amps @ 12.8 VDC/1.23 Amps @24 VDC
Operating Temperature	-22 F to 149 F (-40 C to 80 C)
LED	3W LED - 9 per head (total 18 LEDs in 2-head system)

Physical Specifications

	Light Head	Flasher
Length	N/A	5.6" (14.2 cm)
Width	Base-1.5" (3.9 cm) Bulb-1.0" (2.5 cm)	1.0″ (2.5 cm)
Height	Base & Bulb-1.8" (4.6 cm) Base-0.3" (0.1 cm) Bulb-0.91" (2.3 cm)	0.6" (1.5 cm)

Ship Weight

Complete System Kit	1 lb (0 .45 kg)

Patterns and Flash Rates

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

(Split = head (1) alternate head (2); All = all LEDs on)

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