FEDERAL SIGNAL

A B C R

▶ # 416900Z/416910Z Corner LED | Perimeter Lights

FEATURES

- Available in single- and dual-color models
- (12) LEDs per light head
- Suitable for external and internal use
- Multiple heads can be synchronized and can flash simultaneously or alternately
- Two mounting options; bezel for surface mounting or can be installed in a head lamp

- (19) built-in selectable flash patterns
- Optional bezels in White and Chrome, sold separately
- Steady burn models are available for use with the Pathfinder® siren or other external flashers
- Five-year warranty

APPROVAL

- All models are IP67 rated, moisture and dust proof

Corner LEDs are built to withstand some of the harshest elements

The 416900Z/416910Z Corner LEDs are made to stand the most punishing conditions while providing an impressive light output. Each light head is completely sealed to prevent any water ingress, and the system comes with a built-in flasher that is detachable with a weatherproof connector.

To accommodate multiple mounting applications, both 416900Z and 416910Z light heads come with a bezel that conceals the mounting hardware for an appealing look for surface mounting and a gasket that allows for a head lamp installation.
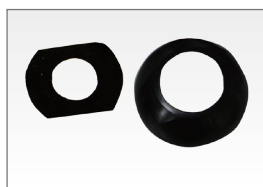
Multiple options all in one package

The 416900Z/416910Z corner LEDs come with (19) selectable flash patterns and can be programmed to operate independently or sync with multiple light heads. Single-color models are available in Blue, Red, Amber, and White. Dual-color light heads can flash one color or alternate between each color and are available in combinations of Amber/White, Blue/Amber, Blue/White, Blue/Red, Red/White, and Red/Amber.

| Light head | Flasher / Cable | Bezel / Gasket | Screws |

5 YEARS WARRANTY

Single-Color, single-head in-line Corner LED Systems (1) LED head with in-line flasher, cables and Black bezel

416910Z-A	Amber
416910Z-B	Blue
416910Z-R	Red
416910Z-W	White

Dual-Color, single-head in-line Corner LED Systems (1) LED head with in-line flasher, cables and Black bezel

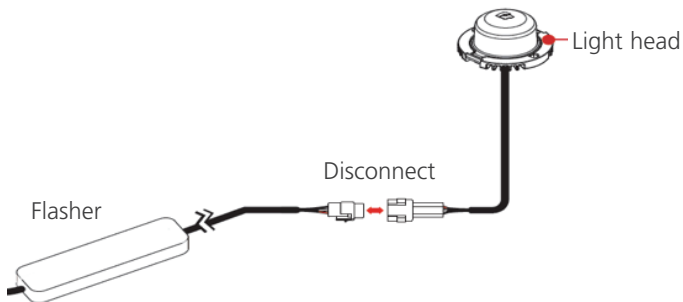|	
416900Z-BA	Blue/Amber
416900Z-BW	Blue/White
416900Z-RB	Red/Blue
416900Z-RA	Red/Amber
416900Z-RW	Red/White
416900Z-AW	Amber/White

Steady Burn Models

Dual-Color, single-head in-line Corner LED Systems (1) LED head with in-line flasher, cables and Black bezel

416900XZ-BW	Blue/White
416900XZ-RW	Red/White

Accessories

416900Z-BZC	Chrome Bezel for 416900Z/416910Z
416900Z-BZW	White Bezel for 416900Z/416910Z
416900Z-VHB	3M™ VHB™ no-drill mount for Ford Interceptor Utility, 2020-2021 with standard headlight assembly and taillight when Ford option 86T is ordered, 4-pack

Specifications

Voltage	12/24 Vdc
Current Draw	0.6 A maximum at 12 Vdc 0.4 A maximum at 24 Vdc
Operating Temperature	-30° C to +80° C

Function Wire

Red:	+Vdc for Mode 1
White:	+Vdc for Mode 2
Black:	Ground
Yellow:	Synchronization

Physical Specifications

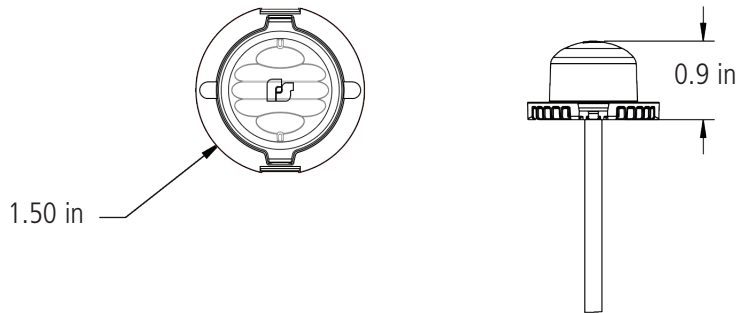|	
Diameter	1.5 in (3.81 cm) Light head 1.85 in (4.70 cm) Bezel
Height	0.9 in (2.286 cm) Light head 0.47 in (1.19 cm) Bezel

Ship Weight

Complete System Kit	1 lb (0.45 kg)

Patterns and Flash Rates

Flash Pattern	Description	Flash Pattern	Description
1	Single 122	11	Single 73
2	Single 90	12	Mega
3	Single 113	13	Double 73
4	Triple 92.3	14	Quad 73
5	Triple 122	15	Quint 73
6	Triple 73	16	Ultra 73
7	Double 122	17	Single-Quad
8	Quad 122	18	Single H/L
9	Random	19	Single-Triple-Quint
10	Steady		

For best performance at peak intensity, it is recommended to keep the horizontal lines of the optics parallel to the upper and bottom edges of the Federal Signal logo on the lamp head.

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