

FireBeam®/MagnaBeam™ Warning Lights



Federal's FireBeam®/MagnaBeam™ warning lights provide effective warning within a compact housing.

Federal Signal's FireBeam®/MagnaBeam™ warning lights are an economical addition for your vehicles' interior or exterior warning needs.

These compact, highly visible warning lights are available for a wide variety of solutions for volunteer fire, command vehicles, law enforcement, and utility users.

Each lightweight unit features a polycarbonate base and a snap-on Lexan dome. This allows the user to service the beacon quickly without the use of tools.

For increased effectiveness and flexibility, snap-on, colored half-domes (Model **FB3C**) are available. These half-domes can be used individually or back-to-back in pairs. They are snapped easily into place over a clear dome and create two distinct warning colors.

FIREBEAM®

The **FireBeam** warning light is the world's brightest compact beacon. Its 55-watt rotating halogen lamp produces a brilliant 68,000 candela signal that can not be ignored.

The FireBeam is the first compact light with two operating

speeds. The dual speed model (Model **FB3SM**) features a convenient slide switch that allows you to choose an operating speed of 95 or 175 flashes per minute. The economical single speed models are available with either 95 or 175 flashes per minute (Models **FB3ME** and **FB3MEF**).

All FireBeam models are available in 12-volt versions and include a magnetic mount, cigarette lighter plug, ten foot cord, and black half-dome cover that prevents backflash. A suction cup windshield mount (Model **SCWM**) is also available.

For optimum performance, the **UF7** hex-mirror increases the flash rate by seven, creating 1,225 flashes per minute when the beacon is operating at high speed and 665 flashes per minute at standard speed.



(UF7) Ultra-Flash mirror assembly

QUICK REFERENCE

FEATURES

- Dual and single speed models.
- 68,000 candela output from 55-watt halogen bulb.
- Multiple color combinations possible with snap-on half-domes.
- Lightweight and compact.
- Magnetic mount and cigarette lighter plug included.
- Easy to install and service.

APPLICATIONS

- Volunteer warning light
- Rear deck lighting
- Command vehicle light
- Auxiliary traffic clearing light

APPROVALS

- SAE J845 specification for rotating lights
- California Administrative Code, Title 13, Article 22 (FireBeam)

REPLACEMENT PARTS

Motors

FireBeam	
FB3ME	8559A055A
Others	8559A055A-01
MagnaBeam	8550225A

Bulb

8440A265A

Dome, clear

8550137A

Dome, red

8550137A-01

Dome, amber

8550137A-02

Dome, blue

8550137A-03

Dome, green

8550137A-04

MAGNABEAM™

Federal Signal's **MagnaBeam** oscillating warning light, with its unique printed circuit board design and light pattern, provides two-speed control at your fingertips. The highly polished reflector oscillates 76° producing three times the light energy of rotating lights for effective warning power. In addition, changing from 180 FPM to 280 FPM is as simple as flipping the convenient slide switch.

MagnaBeam lights are available in two versions: **FB4SM** and **FB4SD**. Both models are dual-speed oscillating lights that include a cigarette lighter plug,

10' cord, and magnetic and swivel mounts. The swivel mount adds height and allows for angle adjustment after mounting.

Model **FB4SD** is designed for two-color applications. The oscillator is positioned to the side of the unit and comes with a clear dome. Colored half-dome covers (**FB3C**) can be ordered for two-color warning.

SPECIFICATIONS			
Voltage	12.8 VDC	DIMENSIONS	
Lamp	Halogen (H1)	Length.....	5.1 in. (13 cm)
Power	55 watts	Width.....	4.8 in. (12 cm)
Current.....	4.3 amperes	Height	3.8 in. (9.5 cm)
Candlepower	68,000	Shipping Weight	2.0 lbs. (0.9 kg)
Flash Rate FireBeam	95 FPM (standard) 175 FPM (fast)	UF7 DIMENSIONS	
Flash Rate MagnaBeam	180 FPM (standard) 280 FPM (fast)	Length.....	13.3 in. (33.8 cm)
		Width.....	4.6 in. (11.7 cm)
		Height	4.1 in. (10.4 cm)
		Shipping Weight	2.0 lbs. (0.9 kg)

HOW TO ORDER

1. Specify model.

- FB3SM** Dual-speed (95/175 FPM) rotator, includes swivel mount and hook and loop mounting material.
- FB3ME** Single-speed (95 FPM) rotator.
- FB3MEF** Single-speed (175 FPM) rotator.
- FB4SM** Dual-speed oscillating light with swivel and magnetic mount with 10' cord and cigarette lighter plug.
- FB4SD** Dual-speed oscillating light (side positioned) with swivel and magnetic mount with 10' cord and cigarette lighter plug. Clear dome included. Order colored half-dome covers for two-color signals: red, blue, amber, or green.

2. Specify lens color: red, blue, amber, clear, or green.

NOTE: order a clear dome if also ordering colored half-dome covers (**FB3C**).

3. Order optional equipment.

- FB3C** Half-dome cover. Specify color: red, blue, amber, green, or black.
- UF7** Hex flash mirror for seven-flash effect.
- SCWM** Suction cup windshield mount.

Point of sale five-packs and models with LED indicator lights are also available for FB3SM and FB3MEF.