WALL MOUNT LED STROBES

FS-400



Description

MGC's FS-400 wall mount strobes offer a visual solution that deliver exceptional energy efficiency in a compact design. Utilizing advanced LED technology, the FS-400 strobes provide a lower current draw which allows for more devices on a NAC circuit while reducing the number of external power supplies required.

The FS-400 strobes can be field-configured for 15, 15/75, 30, 75, 110, 185 cd. The candela setting is displayed through the front window for easy identification. The device settings are located on the back of the unit to prevent tampering.

The FS-400 strobes can be synchronized using an FACU or PSU with the MGC sync protocol or through an external sync module for compatibility with any UL/ULC FACU or PSU.

The FS-400 strobes utilize a universal mounting plate that allows for mounting to a single gang, double gang, octagon, 4" junction or 4" square electrical box. The back plate allows the installer to mount the plate and connect the wire connections. The device attaches to the mounting plate and is secured by a single mounting screw. In addition, the FS-400 can mount to the MGC BB-400 Series back box for surface mount applications.

Agency Listings

- UL 1971
- UL 1638
- ULC-S526
- NFPA 72

Features

- Compact Design
- Advanced LED technology provides superior current draw performance
- Lower power consumption per device allows for more notification appliances per circuit and reduces the need for external power supplies
- Standard and High candela settings in one unit to meet virtually any application
  - 15, 15/75, 30, 75, 110, 185 cd
- Device settings are located on the back of the unit to prevent tampering
- Includes shorting clip that allows installers to test the wiring before the device is installed
- Supports 12 to 22 AWG
- Mount to MGC BB-400 surface mount back box, single gang, 4-inch square, double gang, octagon and 4-inch junction boxes
- All units include universal mounting plate
- Red or white finish
- Enhance emergency communication with white models featuring an 'ALERT' label
- For indoor applications

Engineering Specifications

The strobe shall be a MGC FS-400 notification appliance for wall mount applications. The strobe shall be of a low current draw design and operate at 24 VDC regulated or full wave rectified. The strobe shall incorporate a Light Emitting Diode (LED) as the light source and have six field selectable settings of 15, 15/75, 30, 75, 110, 185 candela. The candela selection shall be in a visible location. The candela settings shall be tamper resistant. The strobe can be synchronized using an FACU or PSU with the MGC sync protocol or through the MGC-4050 sync modules for compatibility with any UL/ULC FACU or PSU.. The strobe shall utilize a mounting plate that allows the installer to pre-wire the mounting plate. The mounting plate shall mount on a single gang, double gang, octagon, 4-inch square box or MGC's BB-400 series back box. The strobe shall be listed to UL standard 1638, Visible Signaling Devices for Fire Alarm and Signaling Systems and standard 1971, Signaling Devices for the Hearing Impaired. In addition, the strobe shall be listed to ULC S526, Visible Signal Devices for Fire Alarm Systems.

NOT TO BE USED FOR INSTALLATION PURPOSES.
THIS INFORMATION IS FOR MARKETING PURPOSES ONLY AND NOT INTENDED TO DESCRIBE THE PRODUCTS TECHNICALLY.

CATALOG NUMBER

5361

Specifications

General Specifications

Operating temperature	0°C to 50°C (32°F to 122°F)
Humidity range	0% to 93%
Strobe flash rate	1 Hz
Nominal Voltage	Regulated 24 VDC / 24 VFWR
Operating Voltage Range (RMS)	16 to 33
Input terminal wire gauge	22 AWG to 12 AWG
Installation environment	For indoor use only

FS-400 Wall Strobe Operating RMS Currents (mA)

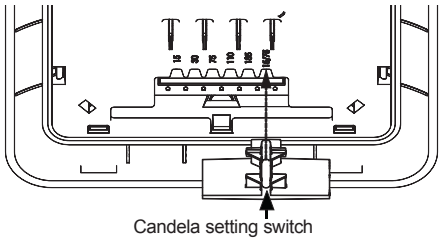
Candela	Regulated 24 VDC	Regulated 24 VFWR
15	25	64
30	39	106
75	102	189
15/75	93	189
110	105	189
185	179	241

Light Output Dispersion

Degrees	% of Candela Rating	
	Horizontal Dispersion	Vertical Dispersion, Wall to Floor
±0	149	148
±5	146	149
±10	143	153
±15	138	135
±20	134	104
±25	128	101
±30	123	94
±35	116	92
±40	106	84
±45	99	75
±50	92	68
±55	87	65
±60	82	61
±65	78	58
±70	75	54
±75	73	49
±80	72	43
±85	81	40
±90	53	30
Compound ±45°	42	

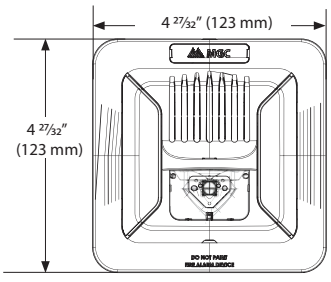
Note: *The values are shown as percentages of the rated light output at any candela setting.*

Candela Settings

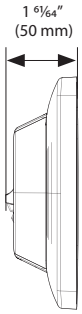


Candela setting switch

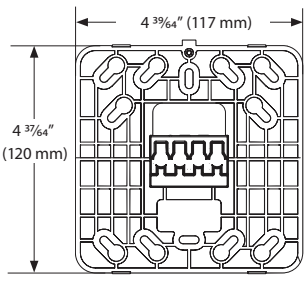
Dimensions



Height and width (all models)

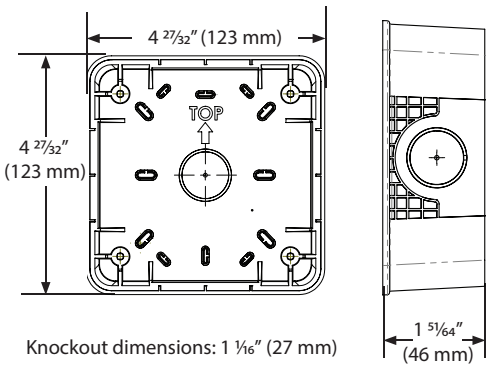


Wall Mount Strobes & Horn/Strobes (FS-400 & FHS-400)



Mounting Plate

BB-400 Surface Mount Back Box



Knockout dimensions: 1 1/16" (27 mm)

Ordering Information

Model	Description
FS-400-RR	Wall Mount Strobe, Red
FS-400-WW	Wall Mount Strobe, White
BB-400R	Surface Mount Back Box, Red
BB-400W	Surface Mount Back Box, White
WLENS-A	Amber Wall Lens for NACs & SPPS - pack of 5
WLENS-B	Blue Wall Lens for NACs & SPPS - pack of 5
WLENS-G	Green Wall Lens for NACs & SPPS - pack of 5
WLENS-R	Red Wall Lens for NACs & SPPS- pack of 5
MGC-4050	Synchronization Module

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