



# Mircom FS-400C Ceiling Mount Led Strobes Owner's Manual

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**Mircom FS-400C Ceiling Mount Led Strobes**



### Description

Mircom's FS-400C ceiling mount strobes offer a visual solution that deliver exceptional energy efficiency in a compact design. Utilizing advanced LED technology, the FS-400C 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-400C strobes can be field-configured for 15, 15/75, 30, 75, 110 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-400C strobes can be synchronized using a control panel with the Mircom sync protocol or the SDM-240 synchronization module.

The FS-400C 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-400C can mount to the Mircom BB-400 back box for surface mount applications.

### Compliance

- UL 1971
- UL 1638
- ULC-S526
- NFPA 72 2016 Edition

### 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 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 Mircom 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

- For indoor applications

## Engineering Specifications

The strobe shall be a Mircom FS-400C notification appliance for ceiling 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 five field selectable settings of 15, 15/75, 30, 75, 110 candela. The candela selection shall be in a visible location at all times when installed. The candela settings shall be tamper resistant. The strobe shall be synchronized using a control panel with the Mircom sync protocol or the SDM-240 sync module. 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 Mircom'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.

### Specifications

#### General Specifications

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

#### FS-400C Ceiling Strobe Operating RMS Currents (mA)

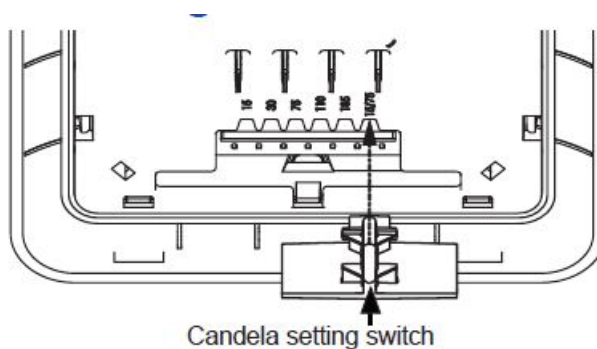
<b>Candela</b>	<b>Regulated 24 VDC</b>	<b>Regulated 24 VFWR</b>
15	37	93
30	72	152
75	152	217
15/75	153	216
110	226	256

#### Light Output Dispersion

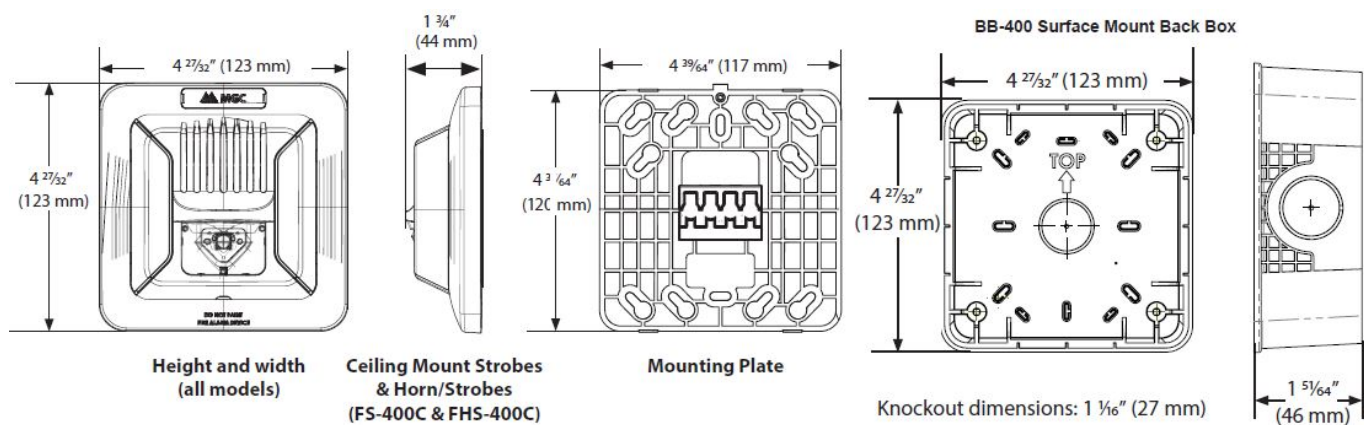
Degrees	% of Candela Rating	
	Vertical Dispersion X-Plane	Vertical Dispersion, Y-Plane
±0	150	155
±5	149	153
±10	149	152
±15	145	152
±20	139	146
±25	130	130
±30	121	122
±35	114	115
±40	111	111
±45	110	108
±50	110	108
±55	107	105
±60	100	101
±65	88	89
±70	72	72
±75	59	59
±80	60	61
±85	55	58
±90	42	45
Compound ±45°	79	83

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

## Candela Settings



## Dimensions



## Ordering Information

Model Number	Description
FS-400C-RR	Ceiling Mount Strobe, Red
FS-400C-WW	Ceiling Mount Strobe, White
BB-400R	Surface Mount Back Box, Red
BB-400W	Surface Mount Back Box, White
SDM-240	Synchronization Module

NOT TO BE USED FOR INSTALLATION PURPOSES.

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[firealarmresources.com](http://firealarmresources.com)

## Documents / Resources

	<p><b>Mircom FS-400C Ceiling Mount Led Strobes</b> [pdf] Owner's Manual</p> <p>FS-400C Ceiling Mount Led Strobes, FS-400C, Ceiling Mount Led Strobes, Led Strobes</p>
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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
-  [Mircom - Smart Buildings. Smarter Solutions.](#)