**FHS-400C-RR, FHS-400C-WW**

**Product**

LED Horn/Strobe, Ceiling Mount

**Architects and Engineering Specification**

The installer shall provide and install the Mircom FHS-400C-RR (red) or FHS-400C-WW (white) ceiling mount LED horn/strobe for indoor applications.

The horn shall have multiple field-selectable audible settings. The horn shall be selectable for continuous (non-temporal), temporal (ANSI Code 3), March Time and 20 BPM patterns.

Each of the patterns shall be field-selectable for a Low or High volume setting.

The horn shall operate at 24 VDC regulated or full wave rectified. The horn shall have an operating range between 16 and 33 VDC.

The LED strobe shall have multiple candela settings. The candela settings shall be field-configurable and shall display the candela setting on the front of the device. Utilizing advanced LED technology the horn/strobe shall provide a lower current draw which allows for more devices on a NAC circuit while reducing the number of external power supplies required over Xenon strobes.

The LED strobe can be synchronized using a control panel with the Mircom sync protocol or the SDM-240 sync module.

The horn/strobe shall utilize a mounting plate that allows the installer to pre-wire the mounting plate.

The mounting plate shall be completely covered by the horn/strobe and the horn/strobe shall be secured by a single screw.

Operating temperature range will be 32°F to 122°F (0°C to 50°C) with a humidity range of 0% to 93%.

The LED strobe shall be UL listed to standard 1638, General Signaling, and standard 1971, Signaling Devices for the Hearing Impaired. In addition, the LED strobe shall be ULC listed CAN-ULC S526. The horn shall be UL listed to standard 464, and ULC listed to CAN/ULC-S525, Audible Signaling Devices.

The horn/strobe unit shall be identified with “FIRE” in red or white letters contrasting with housing color.

**Features:**

* 24 VDC with 15, 15/75, 30, 75, or 110 cd settings
* Multiple candela settings
* Candela selection view window
* 15/75 ADA compliant
* Multiple sound output settings
* Ceiling mount
* Pre-wire back plate
* Universal back plate mounting
* Listed for indoor applications

**Suitable boxes include:**

* BB-400R or BB-400W backbox for Surface Mounting
* 4.0" (10.16 cm) square box
* 4.0" (10.16 cm) octagonal box
* Single-gang box
* Double-gang box

**Meets agency standards:**

* ANSI/UL 1638 – Visible Signaling Devices for Fire Alarm and Signaling Systems
* ANSI/UL 1971 - Standard for Signaling Devices for the Hearing Impaired
* ANSI/UL 464 - Audible Signaling Devices for Fire Alarm and Signaling Devices
* NFPA 72 2016 Edition
* CAN/ULC-S526 – Visual Signal Appliances for Fire Alarm Systems
* CAN/ULC-S525 - Audible Signal Devices for Fire Alarm Systems