

DESCRIPTION

HORNS

In the System Sensor Spectralert™ Series electronic horns, state-of-the-art electronics, combined with the durability of a rugged plastic housing, eliminate the effects of inrush and RFI contact noise.

These horns are combined with strobes to meet the requirements of UL Standard 1971 and the Americans with Disabilities Act (ADA).

Field-selectable (reversible) features available are:

- Continuous (non-temporal) or Emergency Evacuation Signal per ANSI S3.41 (Temporal Pattern 3).
- High or low dBA sound output
- Electromechanical or 3,000 Hz interrupted.

The horns are indoor Listed and mount on a standard 4" back box for flush mount, or surface mount with a Model BBSC skirt.

STROBES

The strobes are indoor Listed, operate on 24 VDC, contain xenon flash tubes, and are available in a "stand-alone" configuration, or integral with the horn.

The Spectralert™ strobes are intended for non-sleeping areas/ADA applications (15, 15/75, 30, 75 or 95 cd) and 115 or 177 cd for sleeping areas.

The strobes may be used in conjunction with the MDL synchronization module which can synchronize two Style Y (Class B) or one Style Z (Class A) circuit. It can also generate an ANSI S3.41 temporal pattern. The module allows the horns on combination horn/strobe units to be silenced on Class B circuits. The MDL module mounts flush in a 4 1/16-inch square electrical box.

The horns, strobes and accessories are available either in white with red FIRE letters or red with white letters.

SIGNAL COVERAGE

Most codes require that the notification appliances be "intelligible and audible in all occupied areas." Thus, additional appliances may be necessary to compensate for sound absorbing construction. Verify recommended minimum requirements with applicable enforcement agencies.

SPECTRALERT™ is a trademark of System Sensor, Inc.

AGENCY APPROVALS



S5512, S4011
ULC CS549, Vol. 5



3006566



7125-1209:201
7135-1209:204



61-00-E
144-00-E



Ceiling Horn/Strobe



Ceiling Strobe

FEATURES

- **Strobes Listed per UL Standards 464, 1971**
- **High Intensity Strobe Option meets or exceeds ADA Requirements**
- **Field Selectable ANSI S3.41 Temporal Pattern Evacuation Signal**
- **Field Selectable High/Low Sound Output**
- **Optional Synchronization Module**
- **Standard 4-inch Square Mounting**
- **Multiple Mounting Options**
- **Strobes Equipped with Xenon Flash Tubes**
- **"Stand-alone" Strobes for 4-inch Square Box Mounting**
- **Red or White Finish Available**

SPECIFICATIONS

Model	Description	Operating Voltage Range	FWR max. Current	DC max. Current
SC2415/W	Ceiling mt. Strobe, 15 cd	16-33 VDC	0.068 amp.	0.064 amp.
SC241575/W	Ceiling mt. Strobe, 15/75 cd	16-33 VDC	0.077 amp.	0.078 amp.
SC2430/W	Ceiling mt. Strobe, 30 cd	16-33 VDC	0.107 amp.	0.113 amp.
SC2475/W	Ceiling mt. Strobe, 75 cd	16-33 VDC	0.197 amp.	0.205 amp.
SC2495/W	Ceiling mt. Strobe, 95 cd	16-33 VDC	0.239 amp.	0.274 amp.
SC24115/W	Ceiling mt. Strobe, 115 cd	16-33 VDC	0.298 amp.	0.325 amp.
SC24177/W	Ceiling mt. Strobe, 177 cd	16-33 VDC	0.399 amp.	0.489 amp.
“MDL”	Sync. Module	17-33 VDC (Average DC) (Peak DC) (In-rush DC)	0.015 amp. 0.037 amp. 0.262 amp.	0.011 amp. 0.035 amp. 0.198 amp.
PC24xxx	Ceiling mt. Horn/Strobe	16-33 VDC	0.075 amp.	0.57 amp. *(Horn only)

* Horn current draws assume horn is set at Temporal 3, electro mechanical tone, and high audibility

Horn/strobe output	75 dBA
Operating temperature	32 to 120° F (0 to 49° C)
Operating humidity	95% as tested per UL 464
Diameter	6.8”
Weight	5.3 oz. (150 grams)

ORDERING INFORMATION

Model	Description	Model	Description
PC2415W	Horn, electronic, white, w/15 cd strobe	SC2415	Strobe only, 15 cd, red
PC2415	Horn, electronic, red, w/15 cd strobe	SC2415W	Strobe only, 15 cd, white
PC241575	Horn, electronic, red, w/15/75 cd strobe	SC241575	Strobe only, 15/75 cd, red
PC241575W	Horn, electronic, white, w/15/75 cd strobe	SC241575W	Strobe only, 15/75 cd, white
PC2430	Horn, electronic, red, w/30 cd strobe	SC2430	Strobe only, 30 cd, red
PC2430W	Horn, electronic, white, w/30 cd strobe	SC2430W	Strobe only, 30 cd, white
PC2475W	Horn, electronic, white, w/75 cd strobe	SC2475	Strobe only, 75 cd, red
PC2475	Horn, electronic, red, w/75 cd strobe	SC2475W	Strobe only, 75 cd, white
PC2495	Horn, electronic, red, w/95 cd strobe	SC2495	Strobe only, 95 cd, red
PC2495W	Horn, electronic, white, w/95 cd strobe	SC2495W	Strobe only, 95 cd, white
PC24115	Horn, electronic, red, w/115 cd strobe	SC24115	Strobe only, 115 cd, red
PC24115W	Horn, electronic, white, w/115 cd strobe	SC24115W	Strobe only, 115 cd, white
PC24177W	Horn, electronic, white, w/177 cd strobe	SC24177W	Strobe only, 177 cd, white
PC24177	Horn, electronic, red, w/177 cd strobe	SC24177	Strobe only, 177 cd, red

ACCESSORIES

MDL	Synchronization module, 24 VDC, red
MDLW	Synchronization module, 24 VDC, white
BBSCW	Surface Mount Skirt, ceiling mount, white
BBSC	Surface Mount Skirt, ceiling mount, red
S-MP	Single Gang Mounting Plate, red
S-MPW	Single Gang Mounting Plate, white