SpectrAlert™ Colored Lens Strobes and Horn/Strobes

SYSTEM SENSOR®

Models Available*

Strobes

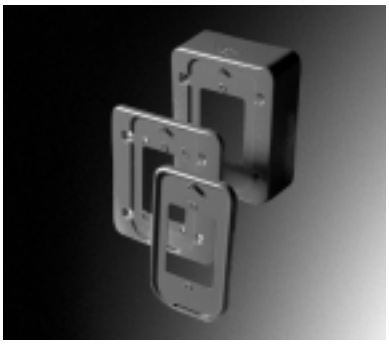
Red	White
S2475RLP	S2475RLPW
S2475ALP	S2475ALPW
S2475GLP	S2475GLPW
S2475BLP	S2475BLPW

Horn/Strobes

Red	White
P2475RLP	P2475RLPW
P2475ALP	P2475ALPW
P2475GLP	P2475GLPW
P2475BLP	P2475BLPW

Accessories

Red	White
S-MP	S-MPW
BBS	BBSW



Product Overview

- **Available with red, amber, green, or blue lens**
- **Meets UL 1638 (Private Mode) requirements**
- **Strobes & Horn/Strobes operate at 24 volts**
- **Low current draw**
- **Field-selectable horn tones**
- **Universal mounting plate included**
- **Accessory mounting plates available**
- **Synchronizable with Sync•Circuit™ module**

SpectrAlert Colored Lens series strobes and horn/strobes provide many of the same benefits as the original SpectrAlert design, but with the choice of colored lenses for signaling differentiation. Intended for private mode applications, the Colored Lens strobe and horn/strobe meet UL 1638, 'Private Mode Emergency and General Utility Signaling'.

Flexibility. SpectrAlert Colored Lens products are designed for use in niche applications not requiring UL 1971 notification devices. SpectrAlert strobes and horn/strobes are offered with red, amber, green, and blue lenses for use in special alarm systems such as gas alarms, suppression systems, non-fire applications requiring evacuation signaling, and as warning, trouble, or identification signals.

Performance. The low current draw of SpectrAlert products helps minimize power supply requirements. By consuming less current, the flexibility to connect more devices per loop is possible, for a lower installed cost.

Installation. SpectrAlert products are easy to use, to help reduce installation costs. Each SpectrAlert includes a universal mounting plate for 4″ square and single gang back box mounting. Accessory mounting plates are also available for small footprint or surface-mount applications.

UL LISTED

Engineering Specifications

General

SpectrAlert strobes and horn/strobes shall be capable of mounting to a standard 4″×4″×1½″ back box or a single gang 2″×4″×1⅞″ back box using the universal mounting plate included with each SpectrAlert product. Strobes and Horn/Strobes shall have a light output of 75 candela, per UL 1638, and shall have an operating voltage range of 20–30 volts. SpectrAlert products shall have an operating temperature of 32° to 120°F. and operate from a regulated DC or full wave rectified, unfiltered power supply. SpectrAlert products, when used in conjunction with the accessory Sync•Circuit Module, shall be powered from a non-coded power supply and shall operate on 24 volts.

Horn/Strobe Combination

Horn/Strobe shall be a System Sensor SpectrAlert Model _____ listed to UL 1638 and UL 464, and the flash rate shall be 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The horn shall have two tone options, two audibility options and the option to switch between a temporal 3 pattern and a non-temporal continuous pattern. Strobes shall be powered independently of the sounder with the removal of factory installed jumper wires. The horn on horn/strobe models shall operate on a coded or non-coded power supply (the strobe must be powered continuously for the horn to operate).

Strobe

Strobe shall be a System Sensor SpectrAlert Model _____ listed to UL 1638, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system.

Specifications

Input Terminals
12 to 18 AWG

Dimensions
Strobe or Horn/Strobe with universal mounting plate: 5″×5⅝″×2⁵⁄₁₆″
Strobe or Horn/Strobe with small footprint plate: 3⅜″×5⅝″×2⁵⁄₁₆″

Weight
7.2 oz.

Mounting
4″×4″ or 2″×4″ standard backboxes

Operating Temperature
32°F to 120°F.

Voltages
24 VDC and FWR unfiltered

Operating Voltage Range*
24V: 20–30V

Operating Voltage Range*
24V, 21–30V (with Sync-Circuit module, MDL)
*These products should be operated within their rated voltage range; UL does, however, test functional integrity to –20% and +10% of manufacturer's stated ranges.

Horn/Strobe Sound Output

Electromechanical Tone		UL Reverberant Room dBA @ Volts DC	Anechoic Room Peak dBA @ 10 ft./Volts DC
Volume	Tone	24	24
High	Temp	82	101
	Non	88	101
Low	Temp	75	96
	Non	82	96
3000 Hz Interrupted Tone		**UL Reverberant Room dBA @ Volts DC**	**Anechoic Room Peak dBA @ 10 ft./Volts DC**
Volume	Tone	24	24
High	Temp	85	101
	Non	88	101
Low	Temp	79	96
	Non	82	96

Ordering Information

	Red	White	Lens Color	Voltage	Candela	Avg. mA @24 VDC	Avg. mA @24 VFWR
Strobes	S2475RLP	S2475RLPW	Red	24	75	140	191
	S2475ALP	S2475ALPW	Amber	24	75	140	191
	S2475GLP	S2475GLPW	Green	24	75	140	191
	S2475BLP	S2475BLPW	Blue	24	75	140	191
Horn/Strobes*	P2475RLP	P2475RLPW	Red	24	75	165	209
	P2475ALP	P2475ALPW	Amber	24	75	165	209
	P2475GLP	P2475GLPW	Green	24	75	165	209
	P2475BLP	P2475BLPW	Blue	24	75	165	209
Sync•Circuit Model Number	MDL	MDLW	NA	12/24	NA	10/11	12/15
Small Footprint Mounting Plate	S-MP	S-MPW	NA	NA	NA	NA	NA
Surface Mount Back Box Skirt	BBS	BBSW	NA	NA	NA	NA	NA
Universal Mounting Plate (Replacement)	D-MP	D-MPW	NA	NA	NA	NA	NA

*Horn/strobe current draws reflect factory setting of temporal 3, electromechanical tone, high audibility.

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