



- UL Listed for ceiling and wall mounting
- ADA/NFPA/ANSI compliant
- Selectable 30cd-75cd-110cd light output
- Polarized strobes with wide operating voltage range using filtered DC or unfiltered FWR input voltage
- Mounts to 4" square back box
- Screw terminal capacity up to AWG12
- Synchronization requires Sync Module (SMD10-3A)
- Designed for use in non-sleeping areas
- Available in red or white housing

The Select-A-Strobe® Series is designed to comply with the Americans with Disabilities Act (ADA) and meet UL standard 1971 requirements for emergency signaling devices for the hearing impaired. The SL24C-3075110 Select-A-Strobe® Series features a unique candela intensity field selector switch for alternating the candela with an intensity output of 30cd, 75cd, or 110cd. These appliances are polarized for connecting to supervised fire alarm circuits. The strobe is designed with a xenon flashtube and provides

a candela intensity field selector switch located on the front for maximum performance.

The SL24C-3075110 can be synchronized by using the SMD10-3A (daisy chain) Sync Module to comply with NFPA recommendations concerning photosensitive epilepsy when installing two or more visual appliances within the field of view. The strobe signals are designed for non-sleeping areas and are listed for indoor use.

Ordering Information

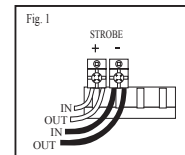
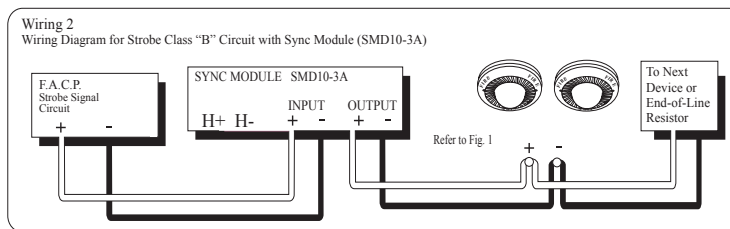
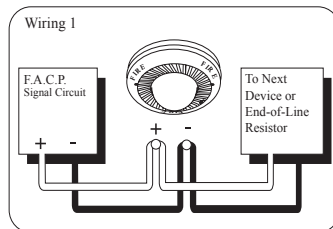
Model Number	Stock Number	Housing Color	Input Voltage	Operating Voltage Range	Selectable Strobe Output (cd)	Flash Rate	Mounting Type	Operating Temperature Range
SL24C-3075110R	4570007	Red	Regulated 24V DC/FWR	16 - 33V DC	30,75,110	60 times/ min.	Ceiling and Wall Mount	32°F - 120°F (0°C - 49°C)
SL24C-3075110W	4570008	White		16 - 33V FWR				

Engineering Specifications

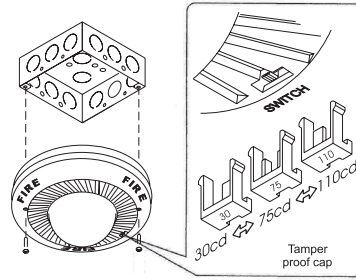
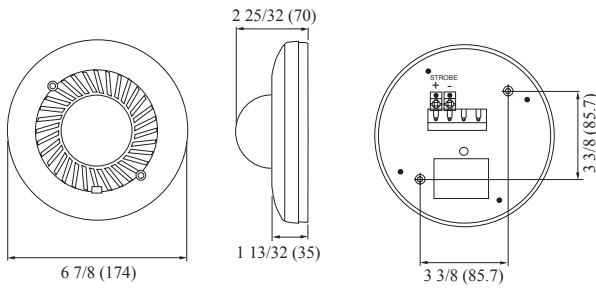
The visual alarm indicating appliance shall be Potter Model SL24C-3075110 or equivalent device. The strobe shall be listed under UL 1971 standard for signaling devices for the hearing impaired and shall be approved for fire protective service. For outdoor applications and in UL NEMA-4X rated or UL Haz Dust Tight conditions, use Potter UL/ULC ESH1229 polycarbonate covers. The candela output shall be field selectable, having three settings of 30cd, 75cd, or 110cd output. The signaling strobe shall operate on 24V DC from a non-

coded regulated DC supply or full-wave rectified, unfiltered supply. The strobe shall be designed to produce one signal flash per second with continuously applied minimum voltage. The strobe may have a SPC-1 universal back mounting plate, capable of ceiling and wall mounting to a back box. When strobe synchronization is required, the strobe shall be compatible with Potter SMD10-3A (daisy chain) or other source of Potter sync protocol. Visual signaling devices shall be installed in accordance with current NFPA guidelines.

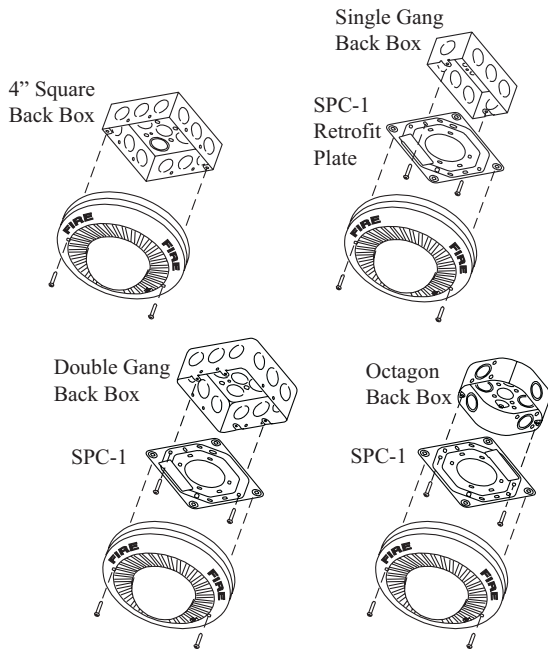
Wiring Diagram



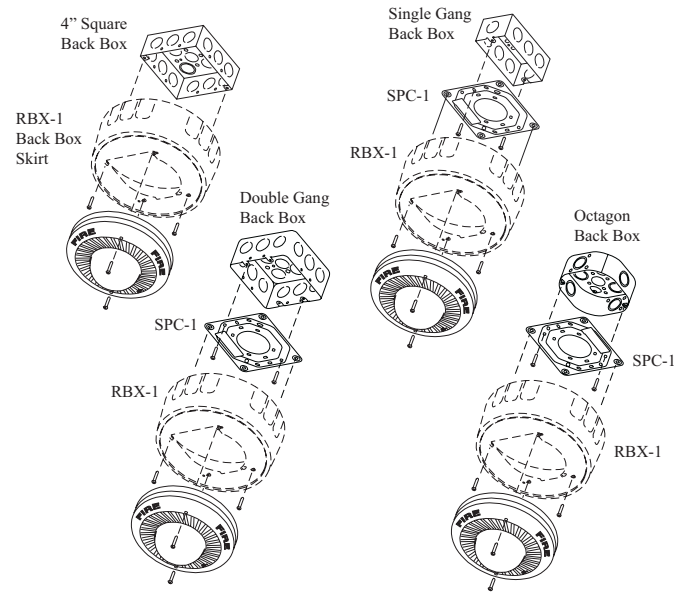
Dimensions: inches (mm)



Optional Mounting for SPC-1 Retrofit Plate



Optional Surface Mounting for SPC-1 Retrofit Plate Using RBX-1 Back Box Skirt



Strobe Light Specifications	Max. RMS Operating Current	
	Regulated 24V DC	Regulated 24V FWR
30cd	116 (typical 85)	162 (typical 85)
75cd	172 (typical 139)	236 (typical 172)
110cd	234 (typical 160)	294 (typical 160)

DEGREES	UL Required Minimum Light Output	Ceiling Mount		
		30cd	75cd	110cd
0	30.00	75.00	110.00	
5-25	27.00	67.50	99.00	
30-45	22.50	56.25	82.50	
50	16.50	41.25	60.50	
55	13.50	33.75	49.50	
60	12.00	30.00	44.00	
65-70	10.50	26.25	38.50	
75-80	9.00	22.50	33.00	
85-90	7.50	18.75	27.50	
Compound 45	7.20	18.00	26.40	