



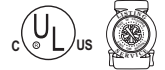
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CSL24C

Colored Light Strobe Series

Select-A-Strobe®



Description

AMSECO's UL listed Colored Light Strobe CSL24C, **Select-A-Strobe®** series is designed to provide visual signals for Fire Alarm Protection Systems and notification signals for the purpose of life safety and property protection. They meet or exceed NFPA/ANSI standards and UL 464/UL1638.

The CSL24W is in compliance with UL 1638 visual signaling appliances that is ideal for any occupancy requiring visual notification appliances per applicable building or fire codes or wherever dependable alarms are required. The colored light strobe candela can be selected either low or high by a switch located on the front housing. The colored light is available in Amber, Blue, Green and Red. The light output candela ratings vary depending on the lens color.

In those instances where two or more AMSECO horns and/or strobes are connected and requires a synchronized code 3 temporal pattern and/or a synchronized strobe flash, all **Select-A-Strobe®** models can be synchronized when used in conjunction with AMSECO UL listed Sync module SMD10-3A to meet the latest code.

Features

- Available colored lights: amber, blue, green, red
- Selectable candela output: Low, Medium, High
- NFPA/ANSI compliant
- UL listed for Ceiling/Wall Mounting under UL 1638
- Designed for use in non-sleeping areas
- Screw terminal capacity up to 12 AWG
- Polarized strobes with wide operating voltage range using filtered DC or unfiltered FWR input voltage
- Minimum one flash per second (1Hz)
- All models mount to 4" X 4" X 1-fi" back box or Single Gang Box
- Synchronization requires an AMSECO SMD10-3A (daisy chain) Sync Module
- Available in red or white housing

Ordering Information

Model Number	Colored Light	Housing Color	Input Voltage	Strobe Candela	Mounting Type	Light Output	Flash Rate (Times/min)	Sync Module	Temperature Operating Range
CSL24C-AW	Amber	White	Regulated 24V DC/FWR	30 / 54 / 76	Wall or Ceiling Mount	Low Mid or High	60	SMD10-3A	32°F ~ 120°F (0°C ~ 49°C)
CSL24C-BW	Blue			16 / 29 / 41					
CSL24C-GW	Green			32 / 57 / 80					
CSL24C-RW	Red			14 / 25 / 35					
CSL24C-WW	White	Red		30 / 54 / 76					
CSL24C-AR	Amber			30 / 54 / 76					
CSL24C-BR	Blue			16 / 29 / 41					
CSL24C-GR	Green			32 / 57 / 80					
CSL24C-RR	Red			14 / 25 / 35					
CSL24C-WR	White			30 / 54 / 76					

Engineering Specifications

The colored visual alarm indicating appliance shall be AMSECO model CSL24C or equivalent device. The Strobe shall be listed under UL 1971 and UL 1638 Standard for signaling devices and shall be approved for fire protective and emergency services. The reflective mirror shall be of the same color as the lens of amber, blue, green, or red. For outdoor applications and in UL NEMA 4X rated or UL Haz Dust Tight conditions use AMSECO UL/ULC ESH-1229 polycarbonate cover. The candela output shall be field selectable, having three settings of High, Medium or Low light intensity output. The signaling Strobe shall operate on 24VDC from a non-coded regulated DC supply or full-wave rectified, unfiltered supply. The signaling strobe shall be designed to produce a signal flash of one flash per second with continuously applied minimum voltage. The Strobe shall be capable of CEILING and WALL mounting to a variety of back boxes using the AMSECO SPC-1 retrofit back plate. When strobe synchronization is required, the Strobe shall be compatible with the AMSECO SMD10-3A (daisy chain) or other source of AMSECO sync protocol.

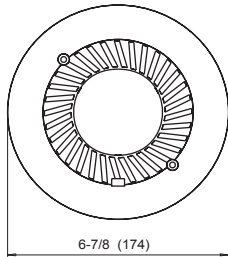
Specification

Strobe Light ONLY	Max. RMS Operating Current (mAmps)	
	Regulated 24V DC	Regulated 24V FWR
Low	116	162
Mid	172	236
High	234	294

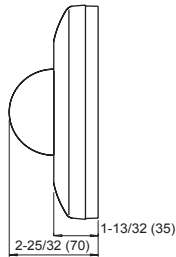
Light Output Dispersion

	Light Output on Axis (cd)		
	Low	Mid	High
Amber	30	54	76
Blue	16	29	41
Green	32	57	80
Red	14	25	35
White	30	54	76

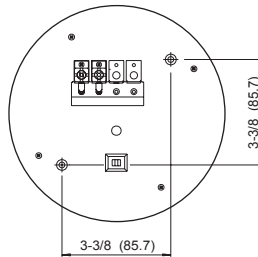
Dimensions: Inches (mm)



Front View

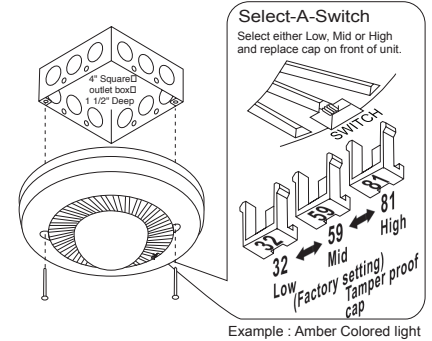


Side View



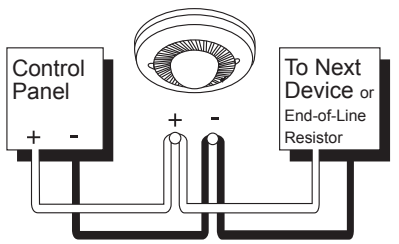
Back View

Strobe Selectable Candela Output



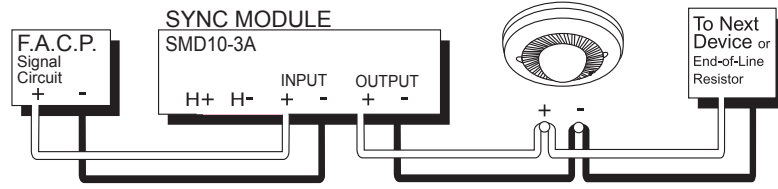
Wiring Diagrams

WIRING 1



WIRING 2

Wiring Diagram for using the Sync Module (SMD10-3A)



Mounting Options

SPC-1 Universal Retrofit Plate: designed for mounting to a variety of back boxes.

RBX-1 Back Box Skirt: for surface mount installations.

