



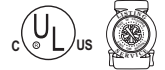
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CSL24CH

Colored Light Strobe Series

High Candela



Description

AMSECO's UL listed Colored Light Strobe CSL24CH 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 CSL24CH 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. It is the highest strobe light output (non-selectable candela). 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 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
- Single candela output
- 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
- Synchronization requires an AMSECO SMD10-3A Sync Module
- RBX-1 back box skirt for surface mount (optional)
- The SPC-1 retrofit plate allows mounting to a variety of back boxes
- 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
CSL24CH-AW	Amber	White	Regulated 24V DC/FWR	138	Wall or Ceiling Mount	Non- Selectable	60	SMD10-3A	32°F ~ 120°F (0°C ~ 49°C)
CSL24CH-BW	Blue			74					
CSL24CH-GW	Green			145					
CSL24CH-RW	Red			65					
CSL24CH-VW	White	Red		138					
CSL24CH-AR	Amber			138					
CSL24CH-BR	Blue			74					
CSL24CH-GR	Green			145					
CSL24CH-RR	Red			65					
CSL24CH-WR	White			138					

Engineering Specifications

The colored visual alarm indicating appliance shall be AMSECO model CSL24CH 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-1229/1229HTR polycarbonate covers. The candela output shall have a single setting of High 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.

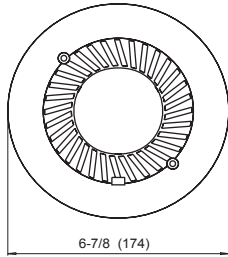
Specifications

	Max. RMS Operating Current (mAmps)	
	Regulated 24V DC	Regulated 24V FWR
Strobe Light ONLY	347	437

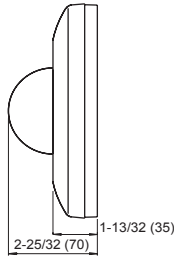
Light Output Dispersion

	Light Output on Axis (cd)
Amber	138
Blue	74
Green	145
Red	65
White	138

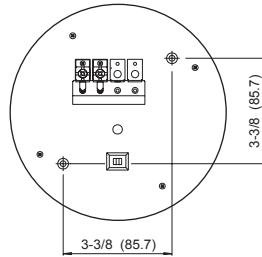
Dimensions: Inches (mm)



Front View

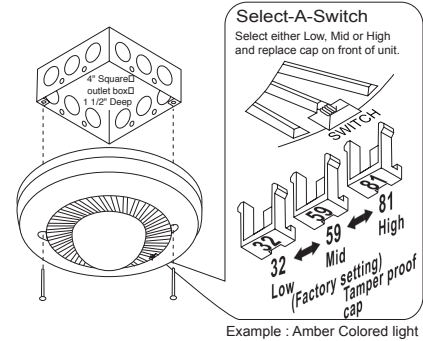


Side View



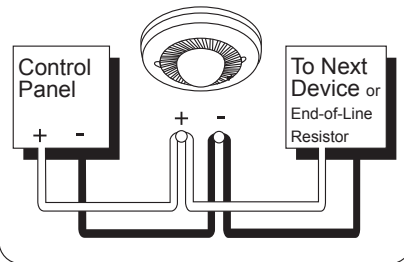
Back View

Strobe Selectable Candela Output



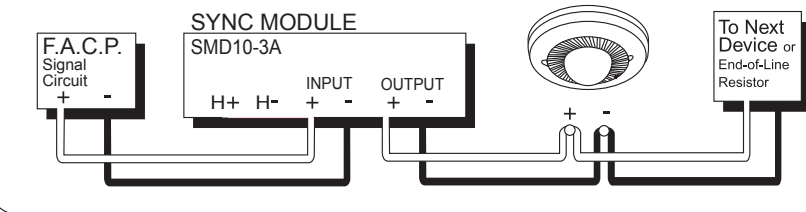
Wiring Diagrams

WIRING 1



WIRING 2

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



Installation and 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.

