

## SL24W-153075

Selectable 15cd or 30cd.

**Select-A-Strobe™ Series**

### Description:

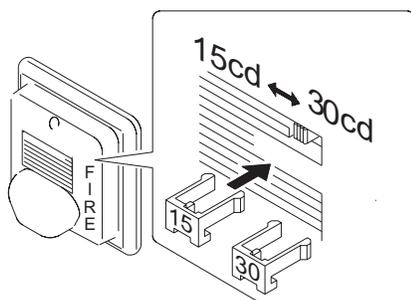
AMSECO's *Select-A-Strobe* Series is designed to comply with the Americans with Disability Act (ADA) and meet UL Standard 1971 requirements for emergency signaling devices for the hearing impaired. The SL24W series *Select-A-Strobe* features a unique candela intensity field selector switch for alternating the candela output 15cd to 30cd (75cd on axis). The strobe housing is clearly labeled with vertical "FIRE" lettering and is polarized for connecting to supervised fire alarm circuits. The strobe is designed with a xenon flashtube and provides a candela intensity field selector switch for maximum performance.

The *Select-A-Strobe* Series is available in red and white housing 24VDC models. The SL24W-153075 can be synchronized by using the SMS1-3A sync module to comply with NFPA recommendations concerning photosensitive epilepsy when installing 2 or more visual appliances within the field of view. The strobe signals are listed for indoor use, wall mount, under UL 1971 Standard.

### Application:

The SL24W-153075 Strobe series is recommended for use in areas such as: meeting rooms, schools, corridors, apartments, office buildings, restaurants, hotels, and any other application where effective visual warning is required by Federal, State, or local authority having jurisdiction.

### Selectable Candela Output:



Tamper Proof

### Ordering Information:

Model Number	Input Voltage (VDC)	Selectable Output (Candela)	Sync Module Compatible	Mounting Type	Universal Mounting Plate	Flash Per/Min.	Housing Color
SL24W-153075R	24	15 or 30	SMS1-3A	Wall	Included	60	Red
SL24W-153075W	24	15 or 30	SMS1-3A	Wall	Included	60	White



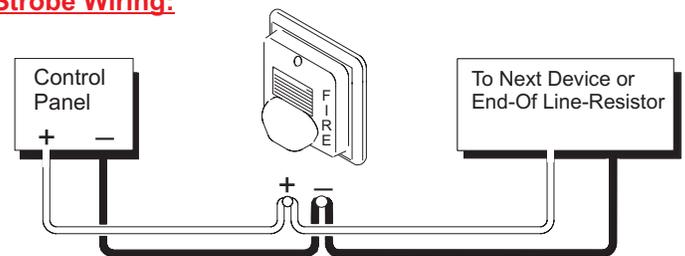
Strobe with Universal Mounting Plate Included



### Features:

- \* Designed to meet or exceed NFPA/ANSI Standards and ADA Accessibility Guidelines.
- \* UL listed for wall mounting.
- \* Screw terminal capacity up to 12 AWG.
- \* Universal mounting plate included with each unit.
- \* 24V DC strobe with two field selectable settings 15cd or 30cd.
- \* Polarized strobes with wide listed voltage ranges using filtered DC or unfiltered FWR input voltage.
- \* Meets ADA guidelines for minimum one flash per/sec (1Hz).
- \* All models mount to 4" square, single gang, double gang, ... or octagonal back box.
- \* 24 volt strobe models 15 or 30 candela Intensity.
- \* Tamper-proof candela selector switch.
- \* Synchronization requires an AMSECO SMS1-3A Sync Module.
- \* Available in red or white housing.

### Strobe Wiring:

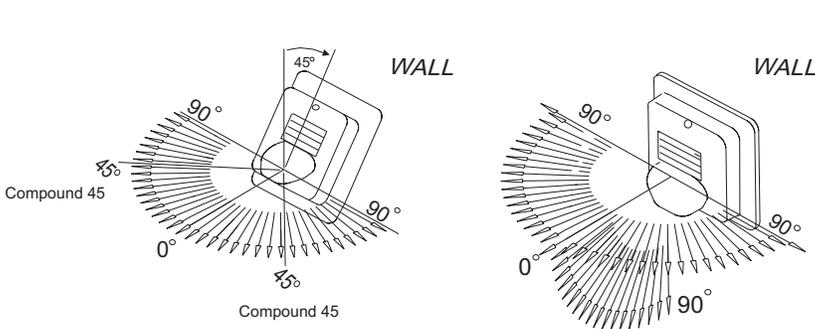


Conductor size (AWG), length and capacity should be taken into consideration prior to design and installation.

**Engineering Specifications:**

The visual alarm indicating appliance shall be AMSECO model SL24W-153075 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. The candela output shall be field selectable, having a dual setting of 15cd or 30cd output. The signaling Strobe shall operate on 24V DC from a non-coded regulated DC supply or full-wave rectified, unfiltered supply. The signaling strobe shall be designed to produce one signal flash per second with continuously applied minimum voltage. The strobe shall be capable of WALL mounting to a universal backbox. Visual signaling devices shall be mounted 80" above the highest floor point or 6" below ceiling; whichever is lowest and are to be installed as per plans and specifications.

**Light Output Distribution / Horizontal and Vertical Dispersion:**

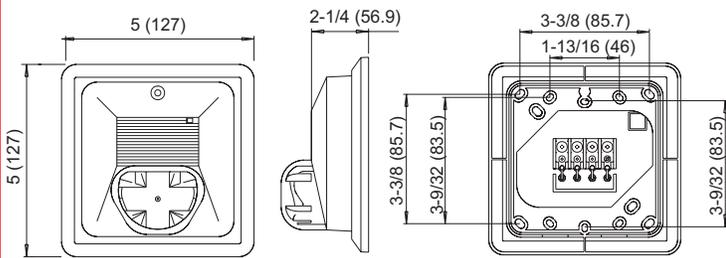


Degrees	UL Required Minimum Light Output (cd)			
	Wall Mount Horizontal		Wall Mount Vertical	
	@15cd	@30cd	@15cd	@30cd
0	75.00	75.00	75.00	75.00
5 ~ 25	13.50	27.00	13.50	27.00
30	11.25	22.50	13.50	27.00
35	11.25	22.50	9.75	19.50
40	11.25	22.50	6.90	13.80
45	11.25	22.50	5.10	10.20
50	8.25	16.50	4.05	8.10
55	6.75	13.50	3.30	6.60
60	6.00	12.00	2.70	5.40
65	5.25	10.50	2.40	4.50
70	5.25	10.50	2.25	4.50
75	4.50	9.00	1.95	3.90
80	4.50	9.00	1.80	3.60
85 ~ 90	3.75	7.50	1.80	3.60
Compound 45	3.60	7.20		

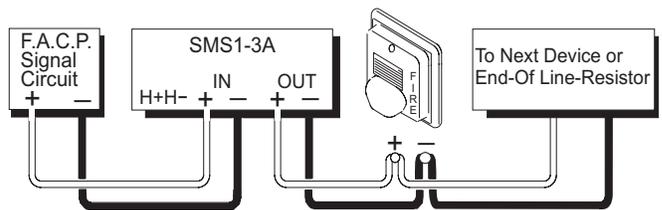
**Strobe Current Draw Table:**

Current (mA)		DC			FWR		
		16V	24V	33V	16V	24V	33V
@ 15cd	Average	84	60	47	118	89	76
	Peak	122	99	84	264	224	205
	In-Rush	122	100	119	264	224	205
@ 30cd	Average	129	91	71	178	128	102
	Peak	164	129	115	368	298	264
	In-Rush	164	135	223	368	298	264

**Dimensions: inches (mm)**



**Using the SMS1-3A Sync Module:**



\*The Sync module is rated for 3.0 amperes at 24 VDC.

**Mounting Options:**

Strobe with Universal mounting plate and single gang box.

2" backbox

Universal Mounting Plate

Strobe with Universal mounting plate and 4" square back box.

4" x 4" x 1-1/2" backbox

Universal Mounting Plate

Strobe with Universal mounting plate and double gang box.

4" x 4" x 1-1/2" backbox

Universal Mounting Plate

Strobe with Universal mounting plate and surface mount back box.

4BX-1 Surface Mount back box

4SP-M Mounting Plate