

COOPER LIGHTING - SURE-LITES®

DESCRIPTION

The StairLite System is designed to satisfy all stairwell lighting requirements in one easy-to-install package. StairLite consists of a surface-mounted, two lamp fluorescent fixture that incorporates an integrally mounted ultrasonic motion detector, a system display panel, and optional full battery backup. The StairLite System will deliver vastly reduced operating and maintenance costs due to virtually no power consumption. It will enhance the usefulness, safety, and reliability of any emergency lighting system. The StairLite System is designed for use in any area of a building where the occupancy level or usage would be considered minimal.

SPECIFICATION FEATURES

Electrical

- Choice of Input Voltage, 120 or 277 VAC, 60Hz
- Fully automatic, self-test ultrasonic motion detector
- Solid-state Status Indicator Display System with an AC power indicator
- Fully automatic emergency charger is solid-state, no mechanical relay
- Sealed, maintenance-free nickel cadmium battery

Housing Construction

- Formed 20-gauge steel housing and cover plate construction
- Durable white powder coat finish
- Variety of electrical and mounting knockouts for easy installation
- Standard acrylic lenses included
- #6 Spanner head tamper-resistant screws included

Code Compliance

- UL 924 Listed
- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes

Lamp and Ballast Data

- T8 Fluorescent Technology in 17, 25 and 32 watts (Lamps not included)
- Single lamp electronic ballast
- "0" Degree rated ballast

Warranty

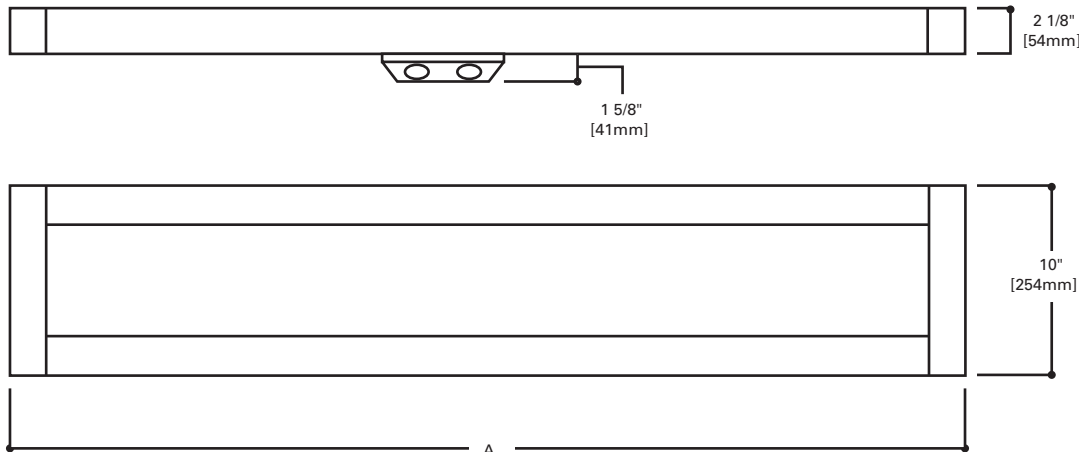
- Fixture: 1-Year
- Battery: 15-Year Pro-Rata



STL STAIRLITE

STEEL
SURFACE MOUNT
SEALED NICKEL
CADMIUM BATTERY
SELF POWERED
AC ONLY
T8 LAMPS
EMERGENCY LIGHTING

TOTALLY PREDICTABLE
RELIABILITY.



Lamp	Dimension "A"
FO17T8	27" [686mm]
FO25T8	39" [991mm]
FO32T8	51" [1295mm]

ORDERING INFORMATION

Family	Operation	Lamp	Voltage	Accessories ¹
STL: StairLite	4: AC Only 54: Emergency 450 Lumens 57: Emergency 700 Lumens 59: Emergency 950 Lumens	2F17: (2) FO17T8 (2' lamps) 2F25: (2) FO25T8 (3' lamps) 2F32: (2) FO32T8 (4' lamps)	1: 120 VAC 7: 277 VAC	VRSPD: #6 Spanner Screw Driver

Notes: 1 Order separately.

ENERGY DATA

(2) 17WT8	(2) 32WT8
Input Power: 120V = 31W 277V = 31W	Input Power: 120V = 52W 277V = 52W
Input Current (Max.): 120V = .29A 277V = .13A	Input Current (Max.): 120V = .44A 277V = .19A
Power Factor: 120V = .8 277V = .8	Power Factor: 120V = .9 277V = .9
(2) 25WT8	Lamps Off
Input Power: 120V = 42W 277V = 42W	Input Power: 120V = 4.3W 277V = 4.3W
Input Current (Max.): 120V = .36A 277V = .16A	Input Current (Max.): 120V = .04A 277V = .02A
Power Factor: 120V = .8 277V = .8	Power Factor: 120V = .7 277V = .7

TECHNICAL DATA**Ultrasonic Motion Detector**

The ultrasonic motion detector is designed to sense the slightest motion within the stairwell and immediately illuminate for safe visibility. It includes a fully automatic test circuit to ensure the system is functioning properly. The motion detector sensitivity is adjustable. The length of time in which the lamps remain illuminated can be adjusted from 15 seconds to 30 minutes. In the event of a power failure, a lamp will remain illuminated with the Emergency Option.

Status Indication

The StairLite features a solid-state Status Indicator Display System that ensures system reliability and function at a glance. It consists of a test switch (battery back-up fixtures only), an AC indicator and an LED display in the event of ballast or ultrasonic motion detector failure.

Battery Backup

Maintenance-free, high-capacity, sealed nickel cadmium battery backup provides 450, 700 or 950 lumens of light (dependent on fixture) for 90 minutes in the event of a power failure. The rated lumens are provided by one lamp while the other is held in reserve; in the event the first lamp fails, the second lamp will energize to provide emergency illumination.

Housing Construction

Rugged 20-gauge steel is formed and welded to create both the body and cover plates. Each is then finished in a long-lasting, durable white powder coat paint. Powder coat finishing ensures quality protection for years of reliable service. Numerous knockouts for both electrical connections and mounting make installation fast and easy on virtually any surface.

Lamp and Ballast

The StairLite utilizes energy efficient T8 fluorescent lamp technology with electronic ballast.

Warranty

The Sure-Lites StairLite is backed by a firm one-year warranty against defects in material and workmanship for the entire fixture. Maintenance-free, long-life, sealed nickel cadmium batteries carry a fifteen-year pro-rata warranty.