Sure-Lites

DESCRIPTION

The Sure-Lites Emergency Light (SEL) series is designed to reduce egress system cost and maintenance as well as improve reliability. Key features include long life LED's, proprietary adjustable accuLED optics, and a nickel cadmium battery. The Patented easy hang feature reduces installation time and cost.

SPECIFICATION FEATURES

ELECTRICAL
- Dual Voltage Input 120/277 VAC, 60Hz
- 240 VAC capable with 48 hour recharge time
- Brownout circuit
- Low voltage disconnect
- Overload / Short Circuit protection
- 3.6V Battery back-up

HOUSING CONSTRUCTION
- Components injection molded, color stable, high impact polycarbonate
- EZ Hang feature facilitates fast installation
- Suitable for ceiling or wall mount applications
- Universal J-box mounting pattern
- Keyhole mounting slots
- Aesthetically designed with thin profile

BATTERY
- Sealed Nickel Cadmium
- Full Recharge Time, 24 hours (max.)
- 10°C to 40°C (50°F to 104°F)

WARRANTY
- Five-year warranty
- Seven-year prorated battery warranty

CODE COMPLIANCE
- UL924 Listed
- Damp Location
- Life Safety NFPA 101
- NEC/OSHA
- Most State & Local Codes
- California Energy Code

T20 Certified to California
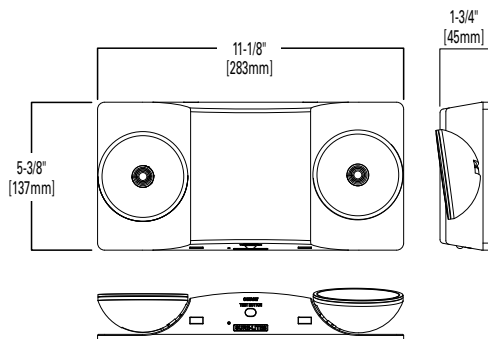Title 20 Appliance Database

SEL17

SEL Emergency Light

LED Emergency Light
AccuLED Optic
SEL

HOW TO SPECIFIY

Sure-lites LED emergency light with nickel cadmium battery and AccuLED optics.
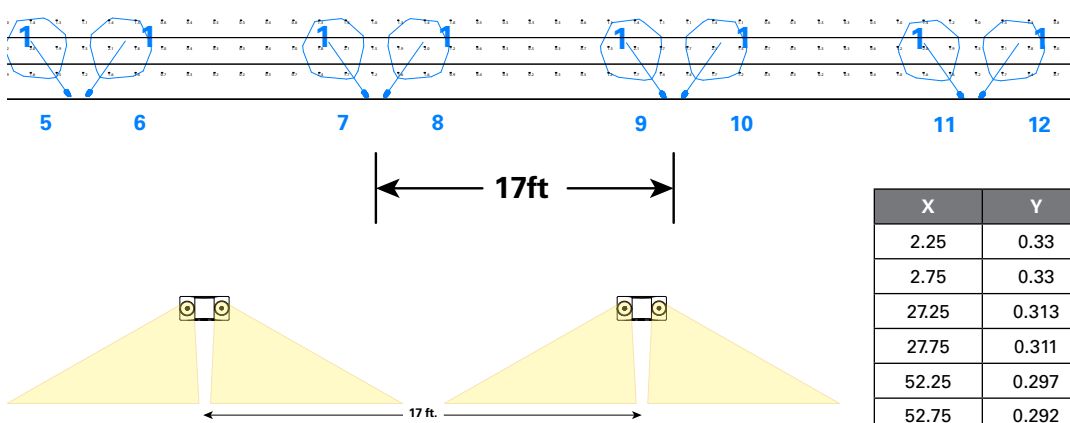
DIMENSIONS

11-1/8" [283mm]

1-3/4" [45mm]

5-3/8" [137mm]

ORDERING INFORMATION

SAMPLE NUMBER: SEL17

Series	Coverage	Battery	Color
SEL= LED Emergency Light	**17**=17 feet	__=NiCad	__=White **BK**=Black

Sure-Lites

PHOTOMETRY

SEL17

17ft

X	Y	Z	Orient	Tilt
2.25	0.33	7.5	150	30
2.75	0.33	7.5	30	30
27.25	0.313	7.5	150	30
27.75	0.311	7.5	30	30
52.25	0.297	7.5	150	30
52.75	0.292	7.5	30	30
77.25	0.28	7.5	150	30
77.75	0.273	7.5	30	30
102.25	0.264	7.5	150	30
102.75	0.254	7.5	30	30

***The "Rule of Thumb" spacing guidelines are designed to achieve 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 foot ceiling with a 6 foot wide walkway and 3 foot path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet. Cooper Lighting Solutions assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as guarantee of any code compliance.

TECHNICAL DATA

AccuLED Optics
The AccuLED precision engineered optics display sharp cutoffs and oval light pattern, which provide a clear path of egress per UL924 standards. The efficient optical design increases spacing distance between units, while providing evenly diffused light pattern throughout the egress path for both 1 foot candle minimum and 0.1 ft candle minimum specifications.

Mechanical Housing
All components are injection molded with a color stable, high impact thermoplastic resin. The surface is textured to improve aesthetic appearance. The housing construction is designed with snap-fit components and reinforcement ribs to provide maximum strength at minimum installation effort. The mounting hole pattern is universal to junction box requirements and is suitable for both wall and ceiling mount applications.

EZ Hang – Mounting Feature
The hands-free EZ Hang feature allows the installer to hang the emergency light face from the back plate in order to easily and efficiently make the power connections.

Low Voltage Disconnect
When the battery's terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored preventing deep battery discharge.

Brownout Circuit
The brownout circuit on the SEL emergency light monitors the flow of AC current to the unit and activates the emergency light heads when a predetermined reduction of AC power occurs.

Warranty
SEL units are backed by a five-year warranty on the fixtures.

EZ Hang

Specifications and dimensions subject to change without notice.

COOPER
Lighting Solutions