Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Sure-Lites

EUX Series

Universal Mount Edge Lit LED Exit Sign

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Manufacturing

Interactive Menu

- Dimensions and Mounting Details page 2
- Product Specifications page 3
- Technical Data page 4
- Product Warranty

Product Certification

T20 Certified to California Title 20 Appliance Database

Product Features

damp location

Top Product Features

- Universal mounting: standard surface ceiling, wall and end mount and recessed mount
- All aluminum housing
- LED source
- Single/Double sided lenses with white and mirrored inserts
- Field installable chevrons
- Self-diagnostics available with battery back-up models
- Dual voltage input 120/277 VAC

Ordering Information

SAMPLE ORDER NUMBER: **EUX7RSD-MUL**

Series	Face Options	Exit Color	Housing Color	Options	Examples
EUX6=AC only	**[Blank]**=Universal **1**=Single Face **2**=Double Face	**R**=Red **G**=Green	**[Blank]**=Brushed Aluminum **WH**=White **BK**=Black	**[Blank]**=None **2C**=Two Circuit	**EUX6R, EUX61RWH** **EUX6G, EUX6GBK** **EUX6R-2C, EUX62GWH2C**
			Notes (1) Custom finishes available. Contact the factory to confirm finish availability and lead time.	**Notes** (2) The 2C / Two circuit option does not accept two hot circuits.	

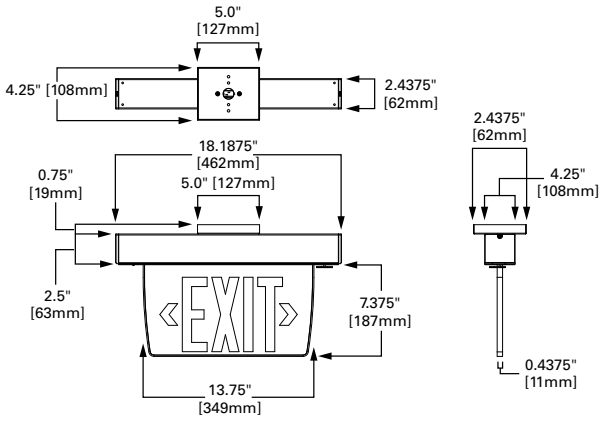
Series	Face Options	Exit Color	Housing Color	Self-diagnostics	Examples
EUX7=Self-powered (battery back-up)	**[Blank]**=Universal **1**=Single Face **2**=Double Face	**R**=Red **G**=Green	**[Blank]**=Brushed Aluminum **WH**=White **BK**=Black	**[Blank]**=No self-diagnostics **SD**=Self-diagnostics	**EUX7R, EUX7G, EUX71R, EUX71G** **EUX7RSD, EUX72WHSD, EUX7GSD, EUX7GBKSD**
			Notes (1) Custom finishes available. Contact the factory to confirm finish availability and lead time.		

Notes: **EUXFAI**=Fire alarm interface module (ordered separately; field installed).
- **MUL**=mullion mount (inverted sign) option. Add "-MUL" as a suffix.

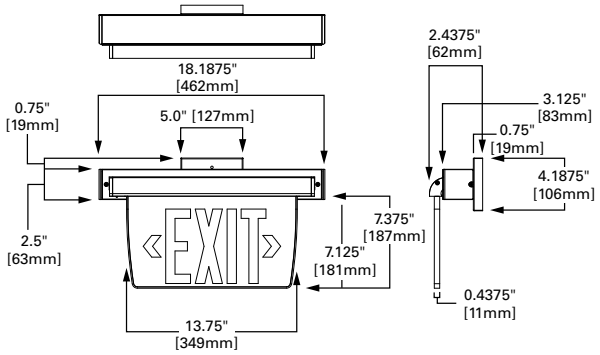
Shipping Information: The EUX housings and lens panels are shipped in separate boxes.

Dimensional and Mounting Details

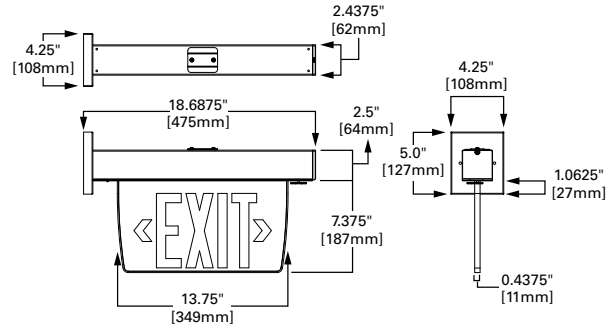
Surface Ceiling Mount



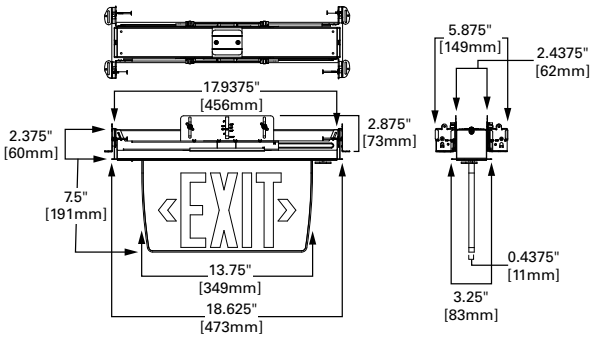
Surface Wall Mount



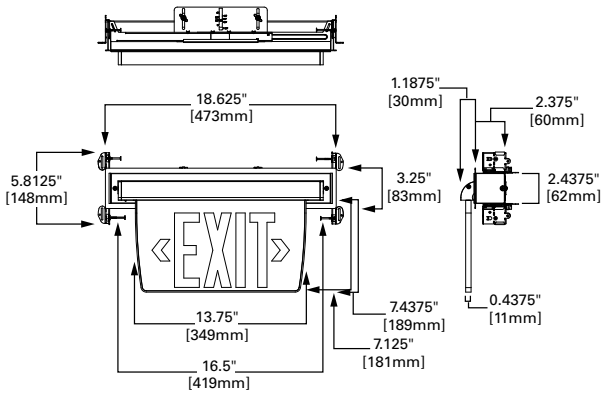
End Mount



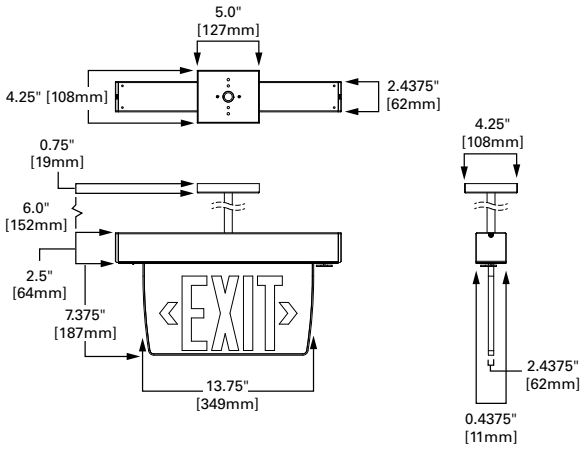
Recessed Ceiling Mount



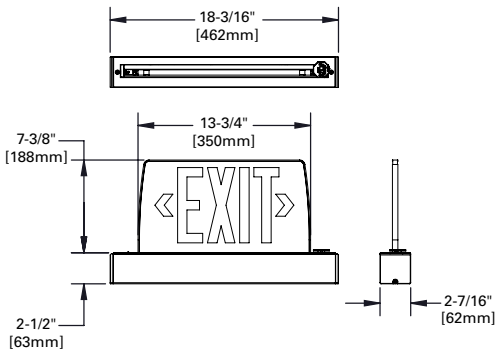
Recessed Wall Mount



With Optional 6" Pendant Kit



Mullionl Mount



Product Specifications

Electrical
- Dual Voltage Input, 120/277 VAC, 60 Hz
- EZ key external battery disconnect
- 10°C to 40°C (50°F to 104°F) operating range
- Self-Diagnostic System option
- Long life LED light source
- Fully recharged in 24 hours
- Solid-state Voltage Limited Charger
- Solid-state Switching
- Brownout Circuit
- Low-Voltage Disconnect
- Overload/Short Circuit Protection
- Test Switch/Power Indicator Light
- Photocell Test Switch (requires accessory laser for activation)
- Two circuit (-2C) option available for AC only
- Fire alarm interface (FAI) option available for self-powered

Battery
- Sealed nickel cadmium
- Maintenance-free
- 24-hour full recharge time

Housing Construction
- All aluminum housing
- All mounting options are standard: surface, recessed, end, ceiling and wall
- Available in brushed aluminum, white or black
- Halo Got Nail hangar bars included for recessed applications
- Convenient 1/2" knockouts on top and end of fixture
- Mullion mount option available for all versions (-MUL)
- The EUX housings and lens panels are shipped in separate boxes.

Trim/Lens for Universal
- High impact acrylic panel
- Available with red or green letters
- Single and double sided lenses included
- Clear, mirror insert and white insert options included
- Field installed and NFPA 101 compliant chevron directional indicators included
- No Tools required for “snap-in” installation
- Pre-specified chevron lens kits available for an enhanced aesthetic

Trim/Lens Kit for Single or Double
- High impact acrylic panel
- Available with red or green letters
- Clear, mirror insert, and white insert options included
- Field configurable for single (61,71) or double (62,72) sided
- Field installed and NFPA 101 compliant chevron directional indicators included
- No tools required for “snap-in” construction

Warranty
- Fixture: 5-year
- Battery: 7-year pro-rata

Energy and Performance Data

Maximum power consumption under all charge conditions:

LED Exits - Red

Input Power	Input Current (Max.):	Power Factor:
120V = 0.9W	120V = 0.08A	120V = 0.11
277V = 1.1W	277V = 0.08A	277V = 0.08

LED Exits - Green

Input Power	Input Current (Max.):	Power Factor:
120V = 1.3W	120V = 0.08A	120V = 0.2
277V = 1.5W	277V = 0.08A	277V = 0.1

Technical Data

Lamps
Optimized for energy efficiency and aesthetic appearance, the EUX series Exit uses super bright, long life LED lamps to illuminate the exit lens.

Housing
Die cast and extruded aluminum housing that mounts in any application. Available in white, black or brushed aluminum finishes. Housing has conduit knockouts on top and side for easy AC wiring connections. Fully adjustable Halo Got Nail hangar bars make recessed installation easy. EUX is fully compatible with grid or hard ceilings as well as 2 x 4 wall constructions.

Trim/Lens
The EUX lens kit is truly universal and includes the materials needed to field construct all options. The high-impact, clear acrylic lens panel comes with three pieces to allow configuration of single or double sided options on the job site. In addition to the clear option, both mirror and white inserts are standard, along with NFPA 101 compliant chevrons. The lens installation requires no tools and snaps easily into place.

Pre-specified chevron lens kits (arrow right/left, double arrow) are also available as an option. This kit also includes white and mirror inserts, is fully NFPA compliant and requires no tools for installation. Single and double sided configurations can only support one or two sided - not both.

EZ Key Power Disconnet (self-powered only)
The Patented EZ key is an external battery disconnect that allows the product to be shipped with the battery connected internally. This prevents battery drain during the construction cycle to insure that the battery isn't damaged and is fully charged for inspection. EZ Key also saves the labor of internally connecting the battery after construction is complete.

Solid-State Charger (self-powered only)
Supplied with a 120/277 VAC, voltage regulated solid-state charger. Immediately upon restoration of AC current after a power failure, the charger provides a high charge rate. Solid-state circuitry recharges the battery following a power failure in accordance with UL 924.

Brownout Circuit (self-powered only)
The brownout circuit on Sure-Lites' exits monitors the flow of AC current to the exit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most ballasted fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

Solid-State Transfer (self-powered only)
The EUX Series exit incorporates solid state switching which eliminates corroded and pitted contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC voltage and automatically energizes the LED lamps. Upon restoration of AC power, the emergency circuit will switch off and the charger will automatically fully recharge the battery within 24 hours.

Test Switch/Power Indicator Light (self-powered only)
Conveniently located combination Test Switch/Power Indicator Light allows for manual verification of proper operation of the transfer circuit and emergency lamps.

Photocell Test Switch
Allows verification of proper operation of the transfer circuit and emergency lamps with a laser pointer (laser is sold as an accessory). The emergency lamps will test for 30 seconds when activated.

Self-Diagnostics
The self-diagnostic software will automatically perform all tests required by UL924, and NFPA101. The system indicates the status of the emergency light at all times using the LED indicator. A 90 minute battery power (emergency mode) simulation test will occur once every 12 months. A 30 second battery power simulation test will occur every 30 days. The Solid-State microprocessor based system has the ability to accurately detect and warn of system failures, plus it incorporates all of the standard electronic features that sets Sure- Lites apart from its competition. Self-diagnostic software automatically performs all testing required by the NFPA 101 Life Safety Code and systematically calibrates itself in the field, reducing installation labor and eliminating manual calibration errors.

Sealed Nickel Cadmium Battery (self-powered only)
Sure-Lites sealed nickel cadmium batteries are maintenance-free with a life expectancy of 7 years. The sealed rechargeable nickel cadmium battery offers high discharge rates and stable performance over a wide range of temperatures.

"2C" Option (AC Only)
Note: "2C" cannot accept 2 active hots
The "2C" Option enables the Exits to operate per the requirements of UL 924 when connected simultaneously to both normal and emergency power circuits (two circuit operation–UL Category FTBR–Emergency Lighting and Power Equipment). The "2C" Option alters the standard Exit such that it complies with and is UL Listed under the FTBR Category. This option should only be used for exits which are intended to be connected simultaneously to normal and emergency power circuits, but cannot support two hot inputs. Only one of the normal or emergency circuits can be powered. If both are powered simultaneously, it will make the Exit inoperable. Both circuits have universal 120/277 VAC standard.

Warranty
All Sure-Lites' products are backed by a firm five-year warranty against defects in material and workmanship. Maintenance-free, long-life, sealed nickel cadmium batteries carry a seven-year pro-rata warranty.

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

© 2024 Cooper Lighting Solutions
All Rights Reserved.

Specifications and dimensions subject to change without notice.