COOPER LIGHTING - SURE-LITES®

-31°F to +122°F

UEL SERIES

ULTIMATE EMERGENCY LIGHT

EMERGENCY LIGHTING

- NEMA 4X, UL50 Listed

- Dual-voltage input 120/277VAC, 60Hz, Isolation Transformer

- Die cast aluminum housing

- Powder coat finish

- UV stable, glass-clear polycarbonate, vandal resistant shield (.150" thick) with Torx head tamperproof screws, stainless steel

- (2) Adjustable 12W, MR16 lamps

- Nickel Cadmium Battery

- Fully recharged in 24 hours

- Vandal Proof

- Watchguard EMS Self-Diagnostic System

- Photocell Test Switch (requires accessory LASER for activation)

- Push-in AC power connectors facilitate installation

- UL 924 Listed Self-Diagnostics, UL 924 Outdoor Wet Location Listed (suitable for wet and damp locations)

- T1 Haz Lamp Rating

- NSF, National Sanitation Foundation/Splash Zone (for Food Processing)

- IP66, Ingress Protection from IEC (International Electrical Commission)
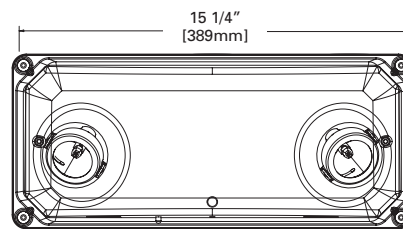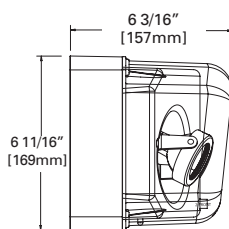
- Cleanroom Class 10,000

- Patent Pending

NSF

SPLASH ZONE

DESCRIPTION

The Sure-Lites UEL NEMA 4X Emergency Light is designed for those emergency lighting applications where ruggedness and dependability are a must. The UEL's housing is constructed of durable die cast aluminum combined with the strength of a clear polycarbonate shield. Designed for the most severe environments, the UEL Emergency Light will provide maximum performance against rain, moisture, cold, corrosives and dust. The UEL's standard features include nickel cadmium battery, self-diagnostics, photocell LASER test and MR16 lamps that provide the customer with a long life, low maintenance, dependable, severe environment approved emergency lighting unit in those conditions when reliability is crucial. The injection molded, polycarbonate shield provides protection against moisture, rain, and vandalism, as well. (4) Torx head tamperproof screws with center-pin reject provide additional vandal-proof security. Two adjustable 12W MR16 lamps provide maximum path of egress coverage providing a bright, even illumination during power outages. The unique design and features make the UEL Emergency Light compatible in food processing facilities, outdoor parking garages, walk-in freezers and other indoor/ outdoor severe environments. The UEL Emergency Light is UL listed for –35°C (-31°F) to +50°C (+122°F) ambient environments.

DIMENSIONS

6 3/16" [157mm]

6 11/16" [169mm]

15 1/4" [389mm]

Laser Test

Self-Diagnostics

The self-diagnostic unit will automatically perform all tests required by UL924 and NFPA 101. The system indicates the status of the unit at all times using the LED indicator near the test switch on the side of the unit. A 90 minute battery power (emergency mode) simulation test will occur randomly once every six months.

A 30 second battery power simulation test will occur every 30 days.

ELECTRICAL RATINGS

	Rated Wattage to 87 1/2% of Rated D.C. Voltage		Lamp Information			
Model	DC Voltage	1 1/2 Hours	Type	Wattage	Number	Spacing[1]
UEL1SD	12	24	**MR16**	12	29-141	50.0'

ORDERING INFORMATION

SAMPLE NUMBER: UEL1SD

Family
UEL1=Nema 4X Emergency Light

Housing Finishes
Blank=Silver
BK=Black
WH=White

SD=Self Diagnostics (Standard)

Options
A=Ammeter
V=Voltmeter
TDM=Time Delay Monitor
HAZ=Hazardous Locations (Class I, Division 2, Groups A, B, C, D)

Accessories (order separately)
LASER=Key Chain, Red Laser Pointer (activation tested at 30 feet)
UXPKA=Pendant Kit Adapter (fitting adapts to 1/2" NPT threaded pendant)
VRSD=#8 Centerpin Torx Screwdriver

Energy Data

	Input Current (Max.):	
Model No.	**120V**	**277V**
UEL1SD	.09A	.03A

[1]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 feet ceiling with a 6 feet wide walkway and 3 feet path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.0 feet with a lamp head angle of 45 degrees. Cooper Lighting 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.