

# COOPER LIGHTING - SURE-LITES®

## 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 glass-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 injection molded, glass-clear polycarbonate shield provides protection against vandalism, as well. The UEL Emergency Light is UL listed for -30°C (-22°F) to +50°C (+122°F) ambient environments.

## SPECIFICATION FEATURES

### Electrical

- Watchguard EMS Self-Diagnostic System
- Dual Voltage Input, 120/277 VAC, 60Hz, Isolation Transformer
- Push-in AC power connectors facilitate installation
- Line-latching
- Solid-state Voltage Limited Charger
- Low-Voltage Disconnect
- Brownout Circuit
- Overload/Short Circuit Protection
- Test Switch/Power Indicator Light
- Photocell Test Switch (requires accessory LASER for activation)
- Fully Recharged in 24 hours

### Housing Construction

- Die Cast Aluminum Housing
- Universal pattern knockouts on rear of housing for direct mounting to junction box
- Knockout provided on housing for surface attachment
- Powder Coat Paint Finish
- UV stable, glass-clear polycarbonate, vandal resistant shield (.150" thick) with Torx head tamperproof screws, stainless steel
- Knockouts provided for conduit entry
- Silicone gasketing
- T-Code=T1 (HAZ only)

### Battery

- Sealed Nickel Cadmium
- Maintenance-Free, Long-Life
- Full Recharge Time, 24 hrs. (max)

### Code Compliance

- UL924 Listed Self-Diagnostics

Catalog #		Type
Project		
Comments		Date
Prepared by		

- UL924, Outdoor Wet Location Listed (suitable for wet and damp locations)
- UL50, NEMA 4X
- UL844, Hazardous Locations (Class 1, Division 2, Groups A, B, C, D) with "HAZ" option
- Life Safety NFPA 101
- Most State and Local Codes
- NSF, National Sanitation Foundation/Splash Zone (for Food Processing)
- IP66, Ingress Protection from IEC (International Electrical Commission)
- Cleanroom Class 10,000

### Warranty

- Unit: 1-Year
- Battery: 15-year pro-rata

### Head/Lamp Data

- Two Heads Standard
- 12V 12W MR16 Lamp
- Fully Adjustable



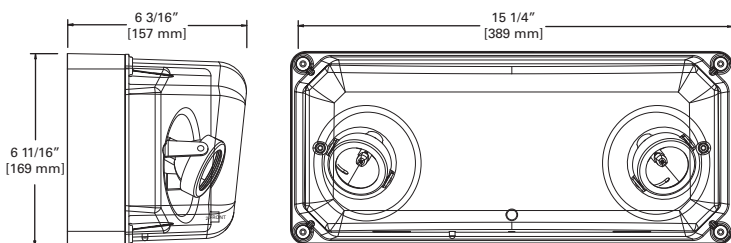
## UEL SERIES

ULTIMATE EMERGENCY LIGHT

NEMA 4X  
OPTIONAL: CLASS 1,  
DIVISION 2 HAZARDOUS  
LOCATIONS

SURFACE MOUNT  
SEALED NICKEL  
CADMIUM BATTERY  
MR16 LAMPS

VANDAL PROOF  
WATCHGUARD EMS  
SELF-DIAGNOSTIC SYSTEM  
PATENTS PENDING  
EMERGENCY LIGHTING



AtLite 023-414	
<b>WatchGuard EMS</b>	
Indicator	Meaning
● Steady	Float Charge
● Pulse	High Charge
●●●	Battery Failure
●●●●	Circuit Failure
●●●●●	Lamp Failure
TEST	INDICATOR

## ELECTRICAL RATINGS

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

TOTALLY PREDICTABLE  
**RELIABILITY**



## ENERGY DATA

Sealed Nickel Cadmium Battery  
**UEL1SD**  
Input Current:  
120V = .09A  
277V = .03A

## ORDERING INFORMATION

<b>Series</b> UEL1: Nema 4X Ultimate Emergency Light	<b>Housing Finish</b> - Silver WH: White BK: Black	<b>Standard</b> SD: Self Diagnostics	<b>Options</b> V: Voltmeter HAZ: Hazardous Location (Class 1, Division 2, Groups A,B,C,D) TDM: Time Delay Monitor	<b>Accessories<sup>1</sup></b> LASER: Key Chain, Red Laser Pointer (activation tested at 30 feet). UXPKA: Pendant Adapter Kit (fitting adapts exit to 1/2" NPT threaded pendant-supplied by others) VRSD: No.8 Centerpin Torx Screwdriver
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Notes: 1 Order separately.