

COOPER LIGHTING - SURE-LITES®

DESCRIPTION

The Sure-Lites UX Nema 4X Exit combines the strength and durability of die cast aluminum with architecturally pleasing aesthetics. Designed for the most severe environments, the UX exit will provide maximum performance against rain, moisture, cold, corrosives and dust. Additional designed in features such as LED technology provides the customer with a long-life, low maintenance, dependable exit sign in those conditions when reliability is crucial. The injection molded, clear, polycarbonate provides protection against vandalism. The UX Exit is approved for ambient environments rated from -45C (-49F) up to +60C (+140F).

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Electrical

- Dual Voltage Input 120/277 VAC, 60 Hz, Isolation Transformer
- Push-in AC power connectors facilitate installation

Housing Construction

- Die cast aluminum housing
- Die cast canopy included (for mounting convenience only - no electrical components in canopy)
- Universal pattern knockouts on rear of single face housing for direct mounting to junction box
- Exit can be universally mounted ceiling, wall or end
- Pendant Mount
- Powder coat paint finish
- NFPA 101 compliant knockout chevrons allow quick conversion to directional signs
- UV stable clear, polycarbonate, vandal resistant shield with Torx® head tamperproof screws, stainless steel

- Knockouts provided for 1/2" conduit entry - Exit back plate can be removed and exit converted to double face exit
- T-Code=T5 (HAZ only)

Lamp Data

- LED lamp provides uniform light output
- Red or green lettering only
- Extremely economical lamp operation

Code Compliance

- UL 924 Listed
- UL 924, 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
- NEC/OSHA
- UL FTBR Listed when specified with the "2C" option
- Most State and Local Codes

- Suitable for Floor Proximity Installation, UL Listed, ADA (American Disabilities Act)
- NSF, National Sanitation Foundation / Splash Zone (for Food Processing)
- IP66, Ingress Protection from IEC (International Electrical Commission)
- Cleanrooms Class 10,000
- Patents Pending

Warranty

- Exit: 5-year

Temperature Performance Data

- UX Series Exit Sign:
 - -45°C (-49°F) to 60°C (140°F)
- UX-HAZ Hazardous Location Exit Sign:
 - T6 rating at 45°C (113°F)
 - T5 rating at 60°C (140°F)

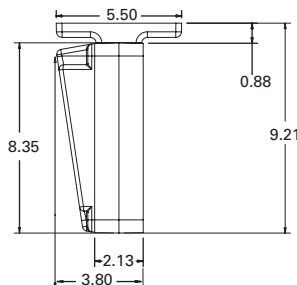
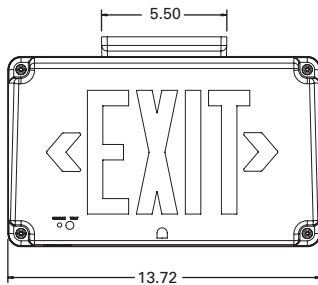


UX SERIES

ULTIMATE EXIT
NEMA 4X
OPTL: CLASS 1 DIV 2
HAZARDOUS LOCATION
PENDANT AND SURFACE
MOUNT
AC ONLY
LED LAMPS
VANDAL PROOF
PATENTS PENDING
EXIT LIGHTING



SPLASH ZONE



TOTALLY PREDICTABLE
RELIABILITY

ORDERING INFORMATION

SAMPLE NUMBER: UX60R

Series	Face Options	Factory Options	Letter Colors	Housing Finish
UX6=Nema 4X Exit, AC Only, LED	0=Universal ¹ 1=Single	95=AC Only Fire Alarm Interface	R=Red G=Green	=Silver WH=White BK=Black

Options	Accessories ²
2C=Two Circuit Operation HAZ=Hazardous Location (Class 1, Division 2, Groups A, B, C, D)	UXUK=Converts Single Face to Double Face Exit. Contains (1) Red Lens, (1) Green Lens, (1) Standard Silver Exit Stencil, (1) Vandal Shield w/Tamperproof Screws UXUKWH=Converts Single Face to Double Face Exit. Contains (1) Red Lens, (1) Green Lens, (1) White Exit Stencil, (1) Vandal Shield w/Tamperproof Screws UXUKBK=Converts Single Face to Double Face Exit. Contains (1) Red Lens, (1) Green Lens, (1) Black Exit Stencil, (1) Vandal Shield w/Tamperproof Screws UXPKA=Pendant Adapter Kit (fitting adapts exit to 1/2" NPT threaded pendant-supplied by others) VRSD=Vandal Resistant Screwdriver

Notes: 1. Contains one single face exit and one UXUK. 2. Order separately.

ENERGY DATA

LED Exits - Red	LED Exits - Green
Input Power: 120V = 2.7W 277V = 3.2W	Input Power: 120V = 2.3W 277V = 3.0W
Input Current (Max.): 120V = .07A 277V = .04A	Input Current (Max.): 120V = .08A 277V = .03A
Power Factor: 120V = >.30 277V = >.39	Power Factor: 120V = >.26 277V = >.36
T.H.D.: 120V = <56% 277V = <69%	T.H.D.: 120V = <54% 277V = <67%

Cooper Lighting
by **E.T.N**

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TECHNICAL DATA

Lamps

The UX Family with energy saving LED lamps offers extremely long-life with very low input wattage. LED lamps are available in either red or green. LED lamps have a long life, eliminating the need for any lamp maintenance under normal conditions.

Housing

Die cast aluminum with silver painted finish. NFPA 101 compliant knockout chevrons for easy conversion to directional sign. Universal pattern knockouts are in the back of the single face housing for direct mounting to junction box. Conduit entry knockouts provided. UV stable, polycarbonate shield for protection. Gasketing provides water-tight, dust-tight NEMA 4X enclosure.

Canopy

Die cast aluminum alloy canopy included for universal mounting. Canopy is included for mounting convenience only—no electrical components in canopy.

Electronics

Dual voltage input 120/277 VAC is standard. All electrical components are enclosed within the exit housing, preserving the low profile appearance.

"2C" Option

The UX Series Exit's "2C" Option enables the UX Exit 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 is a factory assembly change which alters the standard UX Series 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. Both circuits have universal 120/277 VAC standard.

Warranty

The Sure-Lites UX Exit is backed by a firm (5) year warranty against defects in material and workmanship.

NATIONAL ELECTRICAL CODE (NEC)

The National Electrical Code (NEC) defines a hazardous location as "a location where fire hazards or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust or ignitable fibers or filings.

The Code further separates these hazardous locations into three classes:

Class I – locations containing gases and vapors

Class II – locations containing dust

Class III – locations containing fibers and filings.

Each of these classes is broken into divisions. These divisions are separated into groups according to characteristics.

The UXHAZ Exit Sign Series is rated for Class 1, Division 2, Groups A, B, C, D only.

The following chart summarizes these classifications:

Class	Division	Group
I Gas	2 Potential Exists – May be present in atmosphere	<p>A Acetylene</p> <p>B Flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode, having either a maximum experimental safe gap (MESG) value less than or equal to 0.45 mm or a minimum igniting current ratio (MIC ratio) less than or equal to 0.40. (Example material is hydrogen)</p> <p>C Flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode, having either a maximum experimental safe gap (MESG) value greater than 0.45 mm and less than or equal to 0.75 mm, or a minimum igniting current ratio (MIC ratio) greater than 0.40 and less than or equal to 0.80. (Example material is ethylene)</p> <p>D Flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode, having either a maximum experimental safe gap (MESG) value greater than 0.75 mm or a minimum igniting current ratio (MIC ratio) greater than 0.80. (Example material is propane)</p>