

Type No. _____
Job Name _____
Catalog No. _____



Shown: ULN1RW



Unison I Series

- Commercial Grade Thermoplastic LED Exit
- Contractor-Friendly, Snap-In Connection

Housing

- Contractor-friendly, snap-in connection
- UL 94 V-0, 5 VA high impact thermoplastic
- Available in black or white
- Universal top, side or back mounting
- Stencil face is easily removed for maintenance
- Field-selectable chevrons can be installed and/or removed from outside the exit housing
- No canopy for back-to-wall mounting
- Canopy furnished with all models

Battery

- Batteries are installed and connected to the charger system at the factory
- Maintenance free, sealed nickel cadmium battery has an expected service life of 10 years with an operating range of 20°F (-7°C) to 95°F (35°C)*
- Nickel cadmium batteries are ideal for high ambient temperature areas

* Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C).

Illumination

- Normal and emergency illumination is accomplished with long lasting, high output Light Emitting Diodes (LEDs)
- Hot spots and striations are eliminated by the internal "light chamber" especially designed around the high performance LED array
- LEDs and support electronics have an expected service life of 25 years

Warranty

- Electronics: 5 years
- Battery: 5 years full, 5 years pro-rata

Electronics

AC Only

- 120/277 VAC selectable input

Self-Powered

- 120/277 VAC selectable input and surge protection
- Includes low voltage disconnect (LVD), AC lockout installation and brownout protection features
- Constant current charger

Electrical Specifications

AC Only

- Power consumption with red LEDs is .89 watts
- Power consumption with green LEDs is 2.17 watts

Self-Powered

- Power consumption with red LEDs is 3.62 watts
- Power consumption with green LEDs is 2.79 watts

Self-Diagnostics (Optional)

- OmniTest Self-Diagnostics includes automatic and manual tests to ensure unit is operating properly, and assists user in meeting code requirements
- Verifies battery voltage and lamp continuity every 10 seconds
- Illuminates lamps and discharges battery for 3 minutes every 30 days. A manual test is available from 1 to 90 minutes.

Code Compliance

- UL 924 listed
- UL damp location listing optional 50°F (10°C) to 104°F (40°C)
- NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

Application

- Ideal for commercial locations where an attractive, highly reliable and easily installed exit sign with low power consumption is desired. The Unison I Series meets the Buy American requirements.

Ordering Information

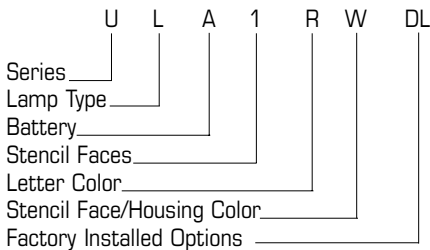
U	L					
Series	LAMP TYPE	BATTERY	STENCIL FACES	LETTER COLOR	STENCIL FACE/ HOUSING COLOR	FACTORY INSTALLED OPTIONS ¹
U = Unison Series Thermoplastic Exit	L = LED	A = AC Only N = Nickel Cadmium	1 = Single 2 = Double U = Universal	R = Red G = Green	W = White B = Black	2CKT1 = 120 VAC, Two Circuit 2CKT2 = 277 VAC, Two Circuit BF = Buzzer/Flasher (Self-Powered Only) ² BZ = DC Buzzer (Self-Powered Only) ² DC12 = 12 VDC Remote Power Capability ² DL = UL Damp Location Listing ² EX = Special Input Transformer (Specify voltage and frequency) FA = 24 VDC Fire Alarm Interface ² FL = Emergency Flasher OT = OmniTest Self Diagnostics SW = Special Wording/Graphics (Consult factory) TP = Tamperproof VRS = Vandal Resistant Lens w/ Tamperproof Hardware

* Custom pendant lengths and colors available, consult factory.

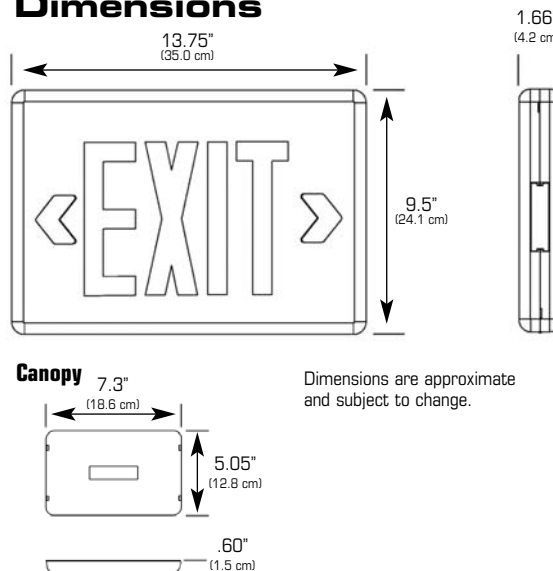
NOTES: 1) Some option combinations may impact UL listing. Consult factory for specifics.
2) Not available with OmniTest Self Diagnostics.

ACCESSORIES (Ordered Separately)
PVS = Polycarbonate Vandal Shield WG4 = Wire Guard UPKIT12W* = 12" Pendant Kit, White UPKIT12B* = 12" Pendant Kit, Black T15TPTOOL = Tamperproof Tool

Ordering Example



Dimensions



Suggested Specification

Furnish and install LightGuard exit sign model _____. The exit shall be listed to Underwriter's Laboratories, Inc. Standard #924 and shall meet the standards of the National Electrical Code (NEC).

INSTALLATION AND OPERATION - Exit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. (Self-Powered Only) - Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination level for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

CHARGER (Self-Powered Only) - Product shall utilize a constant current charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: low voltage disconnect (LVD), brownout protection and AC lockout.

SELF DIAGNOSTICS - Unit shall contain a microprocessor controlled self test module that monitors battery voltage and charging current. If this module detects a fault, the user will be notified via a status indicator lamp. In addition, an automatic discharge test is performed for 3 minutes every 30 days in compliance with requirements set forth by NFPA 101 Section 31-1.

BATTERY (Self-Powered Only) - The battery shall be maintenance free, sealed nickel cadmium.

ILLUMINATION - The Unison Series Thermoplastic Exit Signs shall incorporate high intensity LEDs. The LEDs shall be designed so that the unlikely outage of one LED will not affect the integrity of the total sign. LEDs shall have a rated life of 25+ years. AC Only version under normal operation shall consume .89 watts (red) and 2.17 watts (green). Self-Powered version shall consume 3.62 watts (red) and 2.79 watts (green).

HOUSING - The exit sign housing shall be constructed of UL 94 V-0, 5 VA high impact thermoplastic. Chevron direction shall be field-selectable, and if left in place will not disturb the visual line of the exit face.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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