

# WRE EXIT SIGN

Ceiling or Wall Mounted LED Wet Location Signage



# MINIMUM SECURITY

## Specifier's Reference

<b>Project Name</b>	<b>Type</b>
<b>Catalog No.</b>	
<b>Comments</b>	

- **Listings/Certifications:** UL, Damp & Wet Location Listing, meets NFPA 101 Life Safety Code, NEC, BOCA, OSHA, state and local codes. Emergency models are UL924 Listed

## Specifications

- **Housing:** Die cast aluminum housing.
- **Lens:** Injection molded wrap around clear polycarbonate lens serves as front housing.
- **Fasteners:** Recessed vandal resistant hardware with anti-corrosion coating.
- **Gasketing:** Closed cell neoprene gasketing around perimeter of lens/front housing.
- **LED:** High intensity red or green LED panel.
- **Canopy:** Cast aluminum canopy for top or side mounting finished to match rear housing.
- **Stencil:** Stamped aluminum with field selectable chevrons contained inside the fully gasketed housing for corrosion protection. Stencil available painted to match housing or with brushed aluminum finish. 6" letters with 3/4" stroke.
- **Testing:** Remote testing via laser pen. See Accessories.
- **Finish:** Standard baked polyester powder coat paint finish.

## Ordering Information

Example: **WRE - A - SF - G - BA - PM - B - 120V - BPK**

Series	Operation	Face	LED	Stencil	Options	Housing Voltage	Accessories
<b>WRE</b>	-	-	-	-	-	-	-
	<b>-A</b> AC Only - Dual Voltage	<b>-SF</b> Single Face	<b>-R</b> Red LED's	<b>-W</b> White Housing with White Stencil Face	<b>-AVA</b> Audio and Visual Alarm (Buzzer & flasher in Emergency Units Only)	<b>-120V</b> <b>-277V</b>	<b>-LPT</b> Laser Pen for Testing
	<b>-N</b> Nickel Cadmium For Emergency Operation	<b>-UF</b> Universal Single or Double Face	<b>-G</b> Green LED's	<b>-B</b> Black housing with Black Stencil Face	<b>-DCA</b> Audio Alarm (Buzzer in DC units only)		<b>-TP</b> Tamperproof Tool
				<b>-G</b> Gray housing with Gray Stencil Face	<b>-EMV</b> Visual Alarm (Flasher in Emergency Units Only)		<b>-BPK</b> Pendant Kit with 12" Black Stem
				<b>-WA</b> White Housing with Brushed Aluminum Stencil Face	<b>-FAI</b> 24VDC Fire Alarm Interface		<b>-WPK</b> Pendant Kit with 12" White Stem
				<b>-BA</b> Black Housing with Brushed Aluminum Stencil Face	<b>-PM</b> Pendant Mount Only (Accessory Pendant Kit req'd)		
				<b>-GA</b> Gray Housing with Brushed Aluminum Stencil Face	<b>-SD</b> Self Diagnostics (Emergency Models Only - Con- sult Factory)		
					<b>-SW</b> Special Wording (Contact Factory)		
					<b>-TC120</b> 2-Circuit 120V		
					<b>-TC277</b> 2-Circuit 277V		

# WRE EXIT SIGN

Ceiling or Wall Mounted LED Wet Location Signage

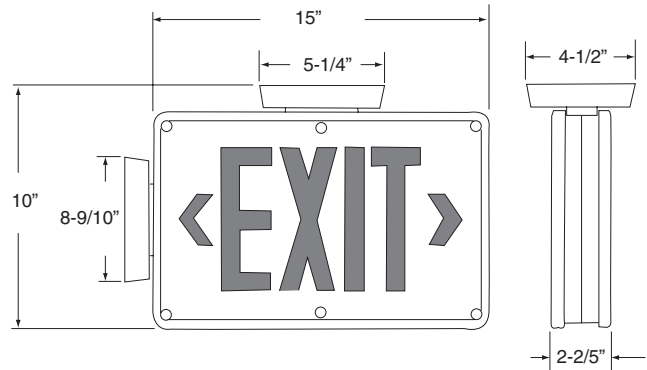
# Morlite

TOUGH SITES .... TOUGH LITES

## Dimensions & Mounting

### Installation

Mounting: All models are designed for mounting to standard 3 1/2" or 4" electrical boxes. Ceiling and end mount applications are provided for by means of mounting canopies supplied with all models. Neoprene gaskets are provided for sealing to mounting surfaces in all applications. Pendant mounting is also possible using available accessory pendant kits. See Options and Accessory sections on front of sheet for ordering details.



## Features



Removable chevron arrows sized to meet UL visibility requirements.

### Electrical Specifications

Input power requirements at 120 VAC

AC Only

Red - 3.73 watts

Green - 2.82 watts

Emergency Operation

Red - 4.20 watts

Green - 3.40 watts

Input power requirements at 277 VAC

AC Only

Red - 3.76 watts

Green - 2.79 watts


Emergency Operation

Red - 4.20 watts

Green - 3.30 watts

### Battery

WREN Models: Sealed Nickel Cadmium longest life maintenance free battery.

 Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled "Contains Mercury" and/or the symbol "Hg." Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org).

### Charger and Electronics

Charger Type: Fully automatic, temperature compensating, constant current type charger.

Utility Input: 120/277VAC, 60 Hz.

Temperature Range: -49°F to 113°F (-45°C to 45°C)

Recharge Duty Cycle: 24 hours

Load Transfer: Solid state transfer circuit

Controls: Manual momentary test switch, laser pen test switch and LED

AC-On indicator light

Safety Circuitry:

AC Lockout: Prevents battery discharge prior to initial unit power-up saving installation time.

Low Voltage Battery Disconnect: Protects the battery from being severely damaged by deep discharge during prolonged power failures.

Brownout Protection: Automatically switches the unit to emergency mode when AC voltage sags below 80% of nominal.

### Power Consumption

	Red Letters		Green Letters	
	120V	277V	120V	277V
AC-Only LED Models	3.7W	3.7W	2.8W	2.8W
Power Factor	.89 lag	.85 lag	.81 lag	.84 lag
Emergency LED Models	4.2W	4.2W	3.4W	3.3W
Power Factor	.89 lag	.88 lag	.83 lag	.83 lag

**Optional self-diagnostic (-SD) circuitry** checks LED array, charger, battery and transformer operation every five seconds. A bi-color LED interface provides unit status and operational readiness information. Coded LED flash signals identify fault type if detected. Automatic diagnostic/discharge cycling includes a one-minute monthly test and a 30-minute test every six months. Self-diagnostic option is available in standard (-SD) configurations.

# Morlite

a Genlyte company