



# EVE Series

## LED Exit Sign

### FEATURES

#### Application

The EVE series is a compact architectural LED exit sign designed for fast installation and reliable service. The EVE Series has a flame-rated, UV stable thermoplastic housing with a lightly textured white or black finish. Available in AC only or emergency operation which includes a nickel metal hydride(NiMH) battery and provides a full 90 minutes of emergency exit illumination in the event of power failure. Includes a constant current charger. The EVE accepts 120/277VAC input at 60Hz and optional 220-240VAC input at 50 or 60 Hz with self-diagnostics option. Available with special worded options.

#### Construction

The EVE series housing and canopy are made from durable injection molded ABS thermoplastic

#### Installation

EVE can be wall mounted by use of back-plate with molded-in template, ceiling or end mounted with the use of supplied canopy to standard 3-1/2" or 4" square or octagonal electrical boxes. Pre-stripped AC input leads provided.

#### Illumination

The EVE series provides bright and uniform exit panel illumination by using energy saving, long-life red or green LEDs with a 10 year lifecycle. The panel face exceeds UL924 requirements for brightness and uniformity.

#### Compliances

Listed to UL924 Standard  
NFPA 101  
NFPA 70  
UL Damp Location Listed

#### Warranty

EVE Full 5 year warranty  
Battery, 3 years full, 7 years pro-rata

Catalog Number	
Comments	Type



### ACCESSORIES

<b>EV Unit</b>	2 LED Indoor Emergency Light
<b>EVC</b>	Exit Sign/ LED Emergency Light
<b>VRS3</b>	Vandal Resistant Shield
<b>WGLX</b>	Wire Guard (Wall Mount)
<b>WGLXC</b>	Wire Guard (Ceiling Mount)
<b>PMLXB</b>	12 1/2" Pendant Mounting Kit (black)
<b>PMLXW</b>	12 1/2" Pendant Mounting Kit (white)



EVO Outdoor Remote



EVR2 Indoor Remote



EVC Combo Exit/ Light

### ORDERING GUIDE

## EVE

Model	Faces	Letter Color	Finish	Operation	Self-Diagnostics	Options
	<b>U</b> Universal Face	<b>R</b> Red <b>G</b> Green	<b>W</b> White <b>B</b> Black	<b>Blank</b> Standard Model <b>E</b> Emergency	<b>Blank</b> No Self-Diagnostics <b>I</b> Spectron® Self-Diagnostics <sup>1</sup>	<b>2C</b> 2 circuit operation <sup>2,5</sup> <b>FAP</b> Fire Alarm Panel <sup>3,5,6,7</sup> <b>FM</b> Flasher Module <sup>1,6,7</sup> <b>AF</b> Audible Flasher <sup>1,6,7</sup> <b>DC</b> Remote DC Operation <sup>2,4,5</sup> <b>24K</b> 220-240VAC 50,60 Hz with Spectron® <b>SW</b> Special Wording <sup>8,9</sup>

<sup>1</sup> For use with emergency models only

<sup>2</sup> For use with AC models only

<sup>3</sup> Operates with 24 volt AC or DC fire alarm panels

<sup>4</sup> For emergency illumination of sign from remote 6-24 VDC power source

<sup>5</sup> DC option may not be specified with 2C or FAP options

<sup>6</sup> AF,-FM and FAP options may not be specified together

<sup>7</sup> For use with Spectron equipped models only

<sup>8</sup> SW option limited to selections on pg.2

<sup>9</sup> Special worded sign ships as a universal single or double face



## SPECIFICATIONS

### Electronics

- Upon failure of the normal utility power, a solid-state transfer switch automatically activates the exit LEDs. Upon resumption of the normal utility power, the battery is disconnected from the load and recharged through a constant current charger. The battery is a maintenance-free Nickel Metal Hydride(NiMH) type. The EVE series accepts 120/ 277VAC at 60 Hz, or an optional 220-240VAC input (-24K option)at 50 or 60 Hz. A low voltage battery disconnect(LVD) feature protects the battery from damage during prolonged power failures. Manual testing is available at any time using the push-to-test button. Rated LED lifecycle-greater than 100,000hrs. or 10 years.

### Standard Features Include:

- External push-to-test switch and AC-on indicator
- Battery re-charge within 24 hours
- AC Lock-out circuit
- Low voltage battery disconnect

### Optional Spectron Feature:

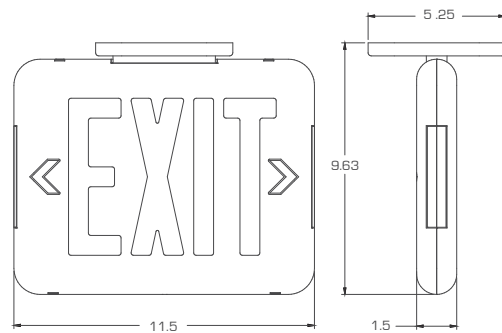
- Self-diagnostics monitors LED status, LED load transfer circuit, battery capacity and charger function and displays any fault detection by means of a flashing code
- Self-Test feature automatically runs a 1 minute test once a month and an alternating 30 or 60 minute test once every 6 months. Multi-color LED indicator provides visible fault detection and charging status User initiated 1 or 90-minute system test feature
- 15 minute re-transfer delay
- Automatic unit transfer in brown-out conditions(below 80% of nominal AC input voltage)

### Operating Temperature Range:

20° to 30°C

**Weight:** 2.5 lbs

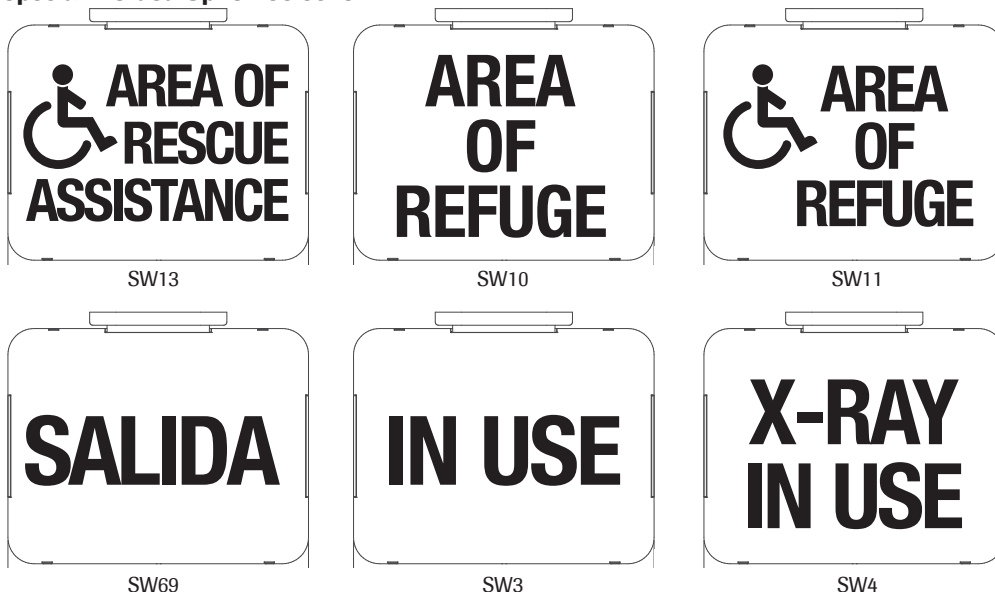
## DIMENSIONS



## POWER CONSUMPTION

Model	120VAC, 60Hz			277VAC, 60Hz		
	A	W	PF	A	W	PF
<b>Red AC Only</b>	0.02	1.42	0.59	0.009	1.36	0.54
<b>Green AC Only</b>	0.02	1.36	0.57	0.009	1.30	0.57
<b>Red Emergency</b>	0.027	2.01	0.62	0.0127	1.94	0.55
<b>Green Emergency</b>	0.027	2.01	0.62	0.0127	1.94	0.55

### Special Worded Option Selection:



\* All special worded selections ship as a universal sign for single or double-face application.