

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.

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
 Damp Location (Consult Factory)

Warranty

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

Catalog Number	
Comments	Type



ACCESSORIES

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



EVO Outdoor Remote



EVR2 Indoor Remote



EVC Combo Exit/ Light

ORDERING GUIDE

EVE

Series	Faces	Letter Color	Finish	Operation	Self-Diagnostics	Options
	U Universal Face	R Red G Green	W White B Black	Blank Standard Model E Emergency	Blank No Self-Diagnostics I Spectron® Self-Diagnostics ⁶	-2C 2 circuit operation ^{2,5} -FAP Fire Alarm Panel ^{1,3,5,6} -FM Flasher Module ^{1,6} -AF Audible Flasher ^{1,6} -DC Remote DC Operation ^{2,4,5} -24K 220-240VAC 50,60Hz with Spectron®

¹ For use with Spectron self-diagnostic models only

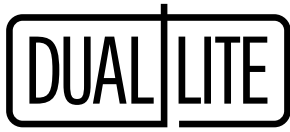
² For use with AC models only

³ Operates with 24 volt AC or DC fire alarm panels

⁴ For emergency illumination of sign from remote 6-24 VDC power source

⁵ -DC option may not be specified with -2C or -FAP options

⁶ - AF,-FM and -FAP options may not be specified together



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

Power Consumption:

	120VAC, 60Hz			277VAC, 60Hz		
	A	W	pF	A	W	pF
Red AC Only Model	0.02	1.42	0.59	0.009	1.36	054
Green AC Only Model	0.02	1.36	0.57	0.009	1.30	0.57
Red Emergency Model	0.027	2.01	0.62	0.0127	1.94	0.55
Green Emergency Model	0.027	2.01	0.62	0.0127	1.94	0.55

DIMENSIONS

