EXITRONIX ™

VEX-EL90
POLYCARBONATE COMBINATION LED EXIT

Model Number:

Type:

Job:

Approvals:

UNIT

- Damp location rated
- Easy to install, snap together design
- Injection-molded, UL94 V-0 flame rated, high impact, thermoplastic housing
- Molded wireways for internal wire routing and connections
- Completely self-contained
- 6 volt, 5.4 watt high intensity tungsten (H.I.T.) lamps
- Remote capacity option provides 12 watts of remote power
- Available in white or black finishes
- Universal J-Box mounting pattern
- 120/277 VAC dual input
- Short circuit, voltage surge, brown-out and low battery voltage disconnect protected
- LED charge rate/power on indicator light
- Push test switch
- Meets ADA fixture requirements
- Long life maintenance-free sealed lead acid battery
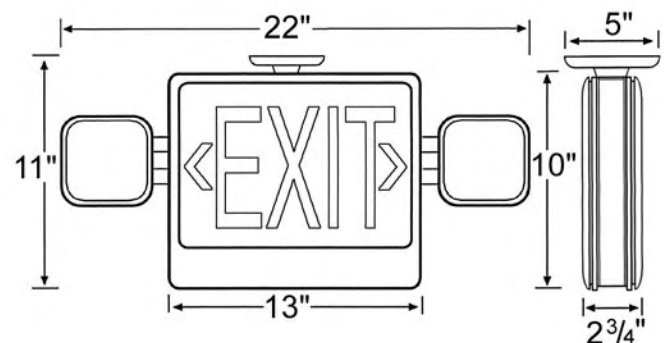- 90 minute ETL listed emergency run time

EXIT SIGN

- Factory assembled unit/LED exit sign
- Constant uniform illumination
- 6" letter with a 3/4" stroke
- Long-Life, high intensity, red or green LEDs
- Color matched diffuser for optimal light output
- Snap-in chevron type directional arrows
- Universal mount, canopy included

Available with "The Guardian" self-diagnostic/ self-testing option

VEX-U-BP-WH-EL90-R

Exclusive low-profile design allows for mounting above doors and restricted spaces. The EL90 offers full 180° lamp rotation.

DIMENSIONS

22"
5"
11"
10"
13"
2 3/4"

CONFORMANCE TO CODES & STANDARDS

ETL listed. Meets UL 924, NFPA 101 (Life Safety Code) NEC, and OSHA. Meets state of Minnesota energy-efficient legislation requiring less than 20 watts of power consumption.

SPECIFICATIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE

CONSTRUCTION

Unit & Lamp Housing: Precision molded housings constructed of flame retardant, corrosion proof, UV stable thermoplastic. N.F.P.A. approved field selectable chevrons. Units resist denting, peeling, scratching and corrosion.

Finish: Textured white or black.

EXIT ILLUMINATION

Fully illuminated 6" letters with 3/4" stroke is achieved with high output, long lasting red or green Light Emitting Diodes (LEDs). An exclusive color-matched diffuser eliminates hot spots and striations, providing optimal light output. LEDs and electronics have an expected service life of 25 years.

INSTALLATION

Simple snap together universal design allows for faceplate and backplate to be fully interchangeable. Mounting canopy is supplied with all signs and snaps into enclosure with two positive locking tabs.

ELECTRONICS

120/277 VAC dual voltage input with surge protected, solid state circuitry.

EMERGENCY OPERATION

Charging circuit is solid state type with constant current charge and transfer design. Circuit is brown-out protected and provides a minimum of 90 minutes of emergency run time and recharge time of 12 hours. Push to test switch and an LED AC indicator provides simple means for manual test.

REMOTE CAPACITY OPTION

The EL90 is available with an additional 12 watts of remote capacity and is supplied with 5.4 watt lamps. This option utilizes maintenance-free, sealed lead acid batteries with an estimated service life of 10 years with an operating temperature range of 65°F (19°C) to 85°F (30°C).

SELF-TESTING /
SELF-DIAGNOSTIC OPERATION (Option: G2)

The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit.

If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The G2 also monitors the transfer circuit as well as performing automatic code compliant testing. The self-test will operate the equipment in emergency mode five minutes every 28 days. Also, a 90 minute full-function test is performed every six months.

WARRANTY

Any component that fails due to manufacturer's defect is guaranteed for 5 years from time of shipment. Battery is prorated for 5 years. Warranty does not apply to damages caused by improper installation, abuse, fire or acts of God.

ORDERING INFORMATION

VEX	U	BP	WH	EL90	R
SERIES	**STYLE**	**ENCLOSURE TYPE**	**ENCLOSURE COLOR**	**TYPE**	**OPTIONS**
VEX = Red	U = Universal	BP = Plastic	WH = White	EL90	G2 = Self Test / Self Diagnostics*
GVEX = Green			BL = Black		R = Remote Capacity (12 Watts)
					DL = LED Down Light
					WG7 = Wire Guard

*Not available on units with Remote capacity