

FEATURES

- Each lamp contains 12 long lasting, efficient ultra-bright white LEDs.
- Exit face is illuminated by long-Life, high intensity, red or green LEDs
- Remote capacity option available
- Damp location rated
- Easy to install, snap together design
- Injection-molded, UL94 V-0 flame rated, high impact, thermoplastic housing
- Available in white or black finishes
- 6" letter with a 3/4" stroke
- Snap-in chevron type directional arrows
- Universal J-Box mounting pattern, canopy included
- 120/277 VAC dual input
- Short circuit, voltage surge, brown-out and low battery voltage disconnect protected
- LED indicator light and push to test switch
- Long life, maintenance-free NiCad battery
- 90 minute U.L. listed emergency run time

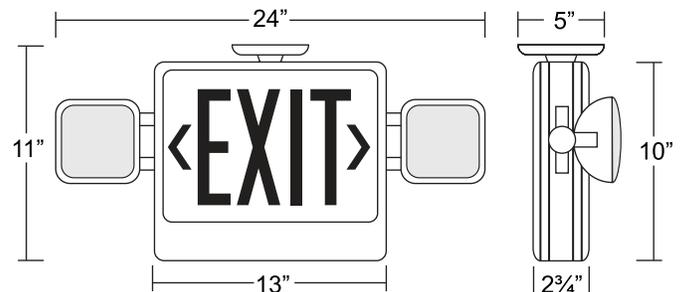
CONFORMANCE TO CODES & STANDARDS

The VLED-EL90 Series is U.L. Listed and meets or exceeds the following: U.L. 924, N.E.C. requirements and N.F.P.A. 101.



Combining LED exit illumination with reliable LED lamp heads, this attractive low-profile design offers maintenance-free, long life dependable service. Easily mounts above doors and in restricted spaces to fit any application.

DIMENSIONS



ORDERING INFORMATION

VLED	U	WH	EL90	R
SERIES	STYLE	HOUSING FINISH	TYPE	OPTIONS
VLED = Red GVLED = Green	1 = Singleface U = Universal (Includes 2 face plates, backplate and canopy)	WH = White BL = Black	EL90 = LED Lamps	G2 = Self Test / Self Diagnostics R = Remote Capacity (For LED Remote Lamps Only)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

VLED-EL90 SERIES FULLY LED EXIT COMBO

SALES DEPARTMENT
(T) 800-480-0707
sales@emergencylights.net
www.emergencylights.net

SPECIFICATIONS

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.

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. Lamp heads contain 12 ultra-bright white LEDs per lamp. LEDs and electronics have an expected service life of up to 100,000 hours.

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.

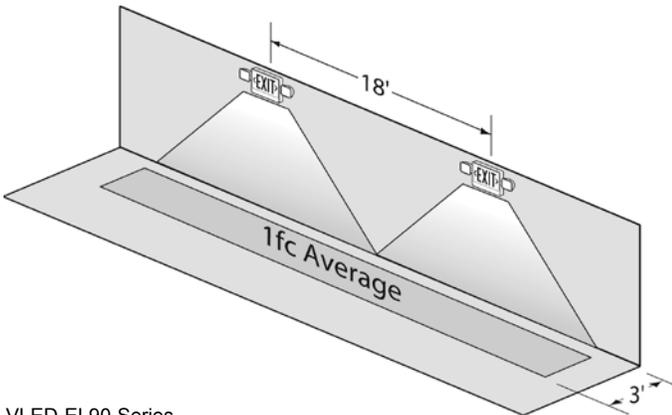
EMERGENCY OPERATION

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.

SAMPLE PHOTOMETRICS

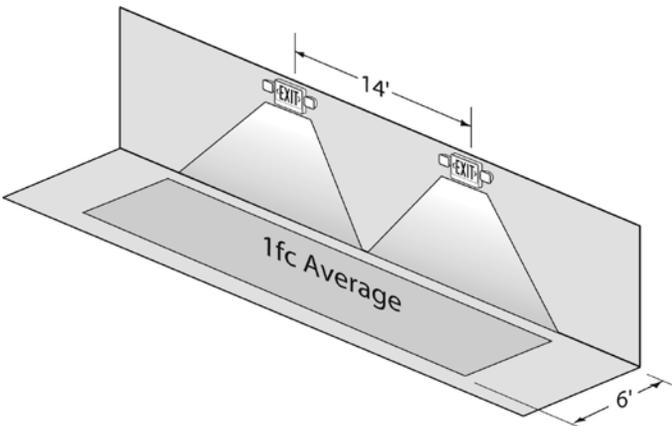
VLED-EL90 Series

Using multiple units mounted at a typical 7.5' delivers 18' center-to-center spacing on a 3' wide egress path.



VLED-EL90 Series

Using multiple units mounted at a typical 7.5' delivers 14' center-to-center spacing on a 6' wide egress path.



REMOTE CAPACITY OPTION (Option: R)

The VLED-EL90-R option supplies enough remote capacity to accommodate 2 additional remote LED lamp heads. This option utilizes maintenance-free, NiCad batteries with an operating temperature range of 32°F (0°C) to 122°F (32°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 manufacturers defect is guaranteed for 3 years with a separate 5 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. Manufacturer reserves the right to charge for such repairs if deemed necessary.

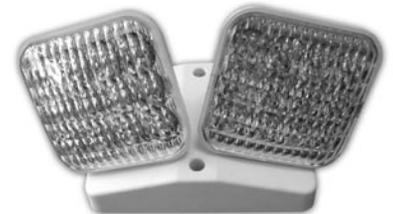
AVAILABLE REMOTE LAMPS (Order Separately)

FEATURES

- Each lamp contains 12 long lasting, efficient ultra-bright white LEDs.
- For use with VLED-EL90 or CLED combo units only
- Available in single or double lamp configurations
- Wet location option available



Single Lamp with
Weatherproof (WP) Option



Double Lamp with
No Options

REMOTE ORDERING INFORMATION (Enter as separate line item)

CLED	-	G2-WP
SERIES		OPTIONS
CLED = Single Remote Lamp 2CLED = Double Remote Lamp		G2 = Use with units with G2 option WP = Weatherproof applications

Remote lamps with G2 option are compatible with LED combo units with G2 option only.