

Model Number:	Approvals:
Accessories:	
Job:	Type:

**FEATURES**

- LED combo exit where each of the lamp heads contain 12 long lasting, efficient, ultra-bright white LEDs
- Easy to install, snap together design
- Rugged, injection-molded UL94 V-0 flame retardant, high-temperature thermoplastic housing
- Remote capable- up to 2 CLED remote heads
- Universal style – includes 2 face plates, a back plate and mounting canopy
- Charge rate/power "ON" LED indicator light with test button
- Low voltage disconnect eliminates deep discharge
- Brown-out, short circuit and voltage surge protection
- Overcharge protection
- UL recognized maintenance-free NiCad battery
- Universal J-Box mounting system – Ceiling, wall or end mount
- UL listed 90 minute emergency run time, 24 hour recharge time
- Constant, uniform illumination by long-life, high intensity, red or green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- Optional Self Test/Self Diagnostics (G2) available
- Chevron-style, universal arrow knockouts
- 120/277V dual primary, 60Hz input
- Standard finishes: Black and white
- Suitable for damp location



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.



SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE

**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.

**ORDERING INFORMATION Example: VLED-U-WH-EL90-G2**

Series	Style	Finish	Type	Options (Factory Installed)
VLED = Red	1 = Single Face	WH = White	EL90 = LED Lamps	G2 = Self Test / Diagnostics
GVLED = Green	U <sup>1</sup> = Universal	BL = Black		R <sup>2</sup> = Remote Capability

<sup>1</sup> Universal includes 2nd exit face and backplate  
<sup>2</sup> For use with single or double CLED remote lamps only

**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**

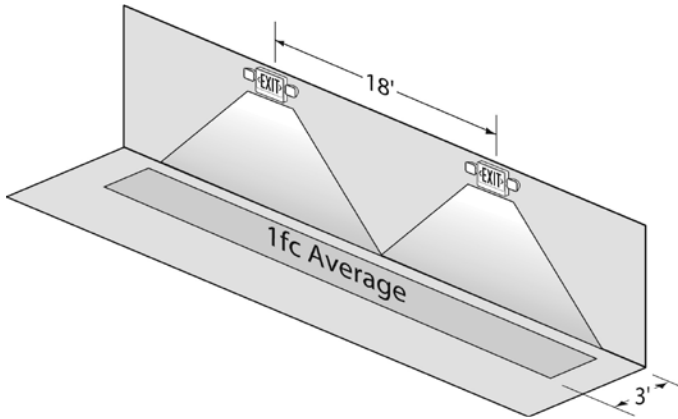
Charging circuit is solid state type with constant current charge and transfer design. Circuit is brown-out protected and provides a minimum of 90 minutes of emergency run time and recharge time of 24 hours. Push to test switch and an LED AC indicator provides simple means for manual test.

**REMOTE CAPACITY OPTION (Option: R)**

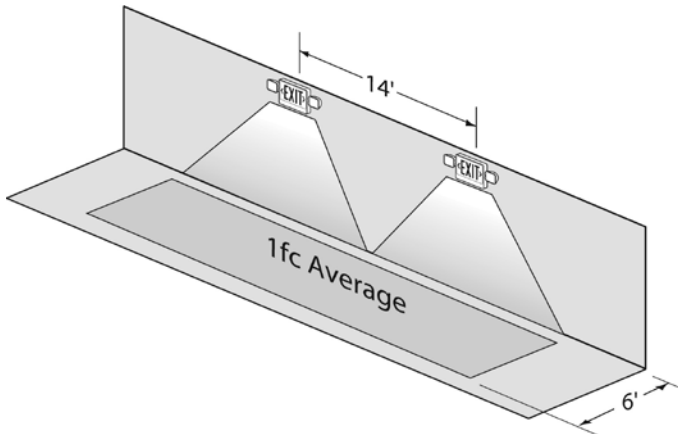
The VLED-EL90-R option supplies enough remote capacity to accommodate 2 additional remote LED lamp heads. This option utilizes maintenance-free, NiCad batteries with an operating temperature range of 32°F (0°C) to 122°F (32°C).

**SAMPLE PHOTOMETRICS**

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



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



**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.

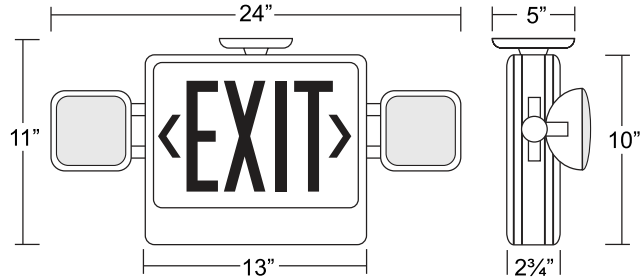
If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

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.

**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.

**DIMENSIONS**



**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**

Example: CLED-G2

Series	Options
CLED = Single Remote Lamp	G2 = Self Test / Diagnostics
2CLED = Double Remote Lamp	WP = Weatherproof Applications

Order remote lamps as separate line item

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