



Model VHLEDG-DIV1 Hazardous Location Edgelit

HOUSING

- Durable Copper-free cast aluminum explosion proof housing
- Clear acrylic panel in single and double face

ELECTRICAL

- Dual voltage 120/277VAC
- Rated for use in indoor locations
- Solid state charging and switching
- Brownout protection
- Battery low voltage disconnect (LVD)
- Overload and short circuit protection
- AC power indicator and test switch

ILLUMINATION

- High intensity Red or Green LEDs
- 3W Max consumption
- 100,000 hours

BATTERY

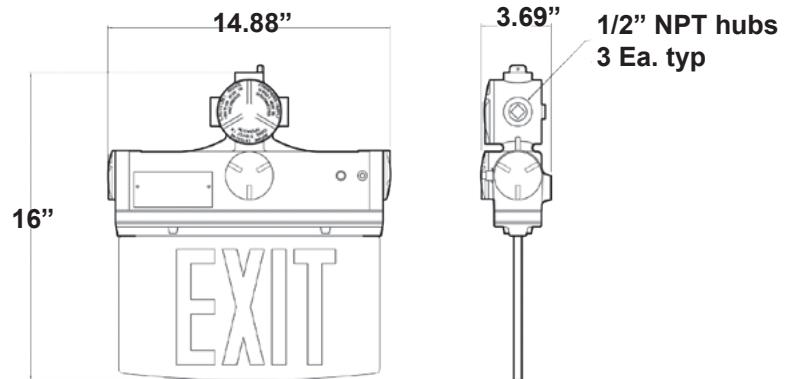
- Maintenance-free NiCad battery
- Standard battery will operate fixture for a minimum of 3 hours in the event of a power outage
- Recharge time 24 hours
- Max Working Temp: 85°C (185°F)

CODE COMPLIANCE

- UL1598A Listed
- Class I, Div I, Groups C and D
- Class I, Div II, Groups A, B, C, and D
- Class II, Div I, Groups E, F, & G
- Class II, Div II, Groups E, F, & G
- Class III
- Class I, Zone I, Groups IIA, and IIB
- Zone II, Groups IIA, IIB and H2 & IIC
- IP65 Rated
- Marine Rated
- BUY AMERICAN COMPLIANT

WARRANTY

- 5 year warranty



CATALOG #	# of FACES	LETTER	HOUSING	BATTERY
VHLEDG-DIV1-1RG-*	1	Red	Gray	AC Only
VHLEDG-DIV1-1RG-EM-*	1	Red	Gray	NiCad
VHLEDG-DIV1-1GG-*	1	Green	Gray	AC Only
VHLEDG-DIV1-1GG-EM-*	1	Green	Gray	NiCad
VHLEDG-DIV1-2RG-*	2	Red	Gray	AC Only
VHLEDG-DIV1-2RG-EM-*	2	Red	Gray	NiCad
VHLEDG-DIV1-2GG-*	2	Green	Gray	AC Only
VHLEDG-DIV1-2GG-EM-*	2	Green	Gray	NiCad

*Specify **WP** - Wall/Pendant Mount; **EB** - End Mount Bracket

OPTIONS
SD - Self Diagnostics
SW - Green Running Man Legend

Made in the USA

Many of our products can be produced or transformed to comply with the American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions.

Self-Diagnostics (Option: SD)

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

The purpose of this option is to provide visual signaling in response to a fault at the EXIT sign battery and/or battery charger. If a failure is detected, visual status will occur immediately via the CHARGER LED and/or the BATTERY FAULT LED. The LEDs will stay illuminated until the fault is corrected.

IP65 Rated

IP65 rating ensures that the product can be installed in outdoor applications where significant water or dust may come in contact with the fixture. IP65 rated fixtures are designed to perform in wet location applications where water spray from any direction may be possible.

Marine Rated

Our marine rated fixtures meet all the requirements for UL 1598A Marine Outside Type. This coverage includes that each fixtures shall not show pitting, cracking or other evidence of corrosion resulting from contact with salt spray or fog from salt water. These marine rated fixtures will contain less than .4 percent copper. All fixtures are tested to ensure that water or moisture does not enter the compartment that houses wiring, devices or LEDs under any conditions except submersion.

Class I Division 1

A location (1) in which ignitable concentrations of flammable gases or vapors exist under normal operating conditions; or (2) in which ignitable concentrations of such gases or vapors may exist frequently because of repair or maintenance operations or because of leakage; or (3) in which breakdown or faulty operation of equipment or processes might release ignitable concentrations of flammable gases or vapors and might also cause simultaneous failure or electrical equipment failure.

Class I Division 2 (Standard)

A location (1) in which volatile flammable liquids or flammable gases are handled, processed, or used, but in which the liquids, vapors or gases will normally be confined within closed containers or closed systems from which they can escape only in case of accidental rupture or breakdown of such containers or system, or in case of abnormal operation of equipments; or (2) in which ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation and which might become hazardous through failure or abnormal operation of the ventilation equipments; or (3) that is adjacent to a Class I Division 1 location and to which ignitable concentration of gases or vapors might occasionally be communicated unless such communication is prevented by adequate positive pressure ventilation from a source of clean air and effective safeguards against ventilation failure are provided. Class II Division 2 (Standard) A location where combustible dust is not normally in the air in quantities sufficient to produce explosive or ignitable mixtures, and dust accumulations are normally insufficient to interfere with the normal operation of electrical equipment or other apparatus, but combustible dust may be suspended in the air as a result of infrequent malfunctioning of handling or processing equipment and where combustible dust accumulations on, in or in the vicinity of, the electrical equipment or may be ignitable by abnormal operation or failure of electrical equipment.

Class III

A location where ignitable fibers or flyings(due to their characteristics of the gas, vapor, or dust) are present. Class III is in conjunction with Division 1 and Division 2 specifications.

Class I and Class II Groups

Groups A, B, C & D applications are atmospheres typically containing acetylene, hydrogen, manufactured gas, diethyl ether, ethylene, cyclopropane, gasoline, hexane, butane, naphtha, propane, acetone, toluene, and isoprene.

Groups E, F & G applications are atmospheres typically containing metal dust, carbon black, coal dust, coke dust, flour, starch, grain dust, fibers and flyings (due to the characteristics of the gas, vapor, or dust).