

Job Name: _____

Type: _____

Voltage: _____



CODES AND STANDARDS

UL924 listed
Meets NFPA Life Safety Code 101, NEC, OSHA, Local and State Codes
UL Wet Location listed
Suitable for damp, wet, dusty or dirty environments

VOLTAGE INPUT

Universal 120/277VAC field selectable input

FINISH

White exit face with grey housing standard

CONSTRUCTION

Housing: Corrosion resistant NEMA 4X type sealed and gasketed enclosure in industrial gray polycarbonate with clear polycarbonate cover.
Lighting Heads: Impact resistant, UV stable, flame rated thermoplastic lamp housing and swivel assemblies in gray finish to match exit housing. Heads and swivels are sealed and gasketed. Lighting heads are fully adjustable and feature lockable swivels.

LAMPS

Light Source: Exit face illumination is provided by a special high intensity indirect red or green LED panel. Letter brightness and illumination uniformity exceed UL requirements.
LED Lamp Life: 25 years (estimated average)

BATTERY

Model VNLL and VNLCL: Sealed lead calcium maintenance free battery designed to provide many years of dependable service.
Models VNLN and VNLN: Sealed Nickel Cadmium longest life maintenance free battery.

INSTALLATION

For wall surface mounting applications only.
Mounting: Units are designed for installation to wall surfaces by means of four through holes provided in the enclosure housing.
Wiring: Knockouts are provided on both sides of the enclosure for attachment of surface wiring or conduit.

OPERATION

Upon failure of the normal utility power, a solid-state transfer switch automatically activates the DC lamps providing uninterrupted operation. Emergency illumination will be supplied for a minimum of 90 minutes. During emergency operation, the exit battery is protected from severe discharge damage by an automatic low voltage disconnect circuit that discontinues unit operation when battery voltage reaches 87.5% of nominal. When normal utility power is restored, the battery is automatically disconnected from the load and a recharging cycle begins that will return the battery to full capacity within 24 hours.

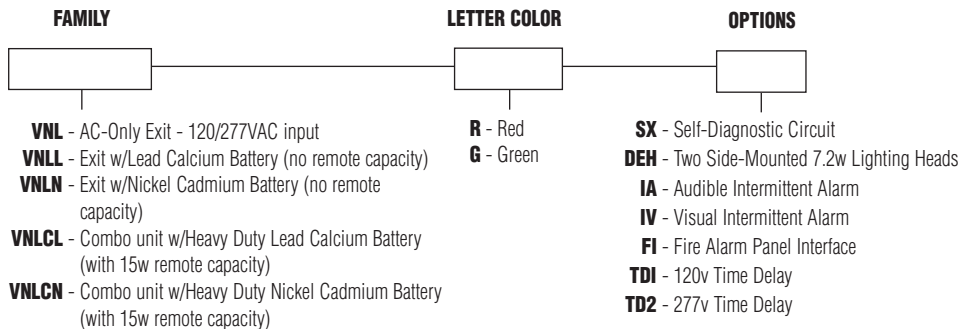
ELECTRONICS

Charger Type: VNLL and VNLCL emergency models utilize a fully automatic, temperature compensating, variable rate type charger. VNLN and VNLN emergency models utilize a fully automatic, temperature compensating, constant current type charger.
Utility Input: 120/277VAC, 60 Hz.
Temperature Range: 32°F to 104°F (0°C to 40°C)
Recharge Duty Cycle: 24 hours
Load Transfer: Solid state transfer circuit
Controls: Momentary test switch and LED AC-On indicator light
Safety Circuitry:
AC Lockout: Prevents battery discharge prior to initial unit power-up saving installation time.
Low Voltage Battery Disconnect: Protects the battery from being severely damaged by deep discharge during prolonged power failures.

STENCIL FACEPLATES

Letter Size: 6" letters with 3/4" stroke.
Directional Indicators: Removable chevron arrows sized to meet UL visibility requirements.

CATALOG NUMBER (Example: VNLL-R)



Accessories

PG5 Wire Guard (exits without lighting heads)
PG10 Wire Guard (exits with lighting heads)

VNL SERIES Wet Location LED Exit Signs

SPECIFICATIONS

WARRANTY

Unit: (including LED Lamps) 5-years full coverage against defects in materials and workmanship from date of shipment
 Battery: 5 years full warranty plus an additional 5 years of pro-rata coverage

POWER CONSUMPTION

	Red Letters		Green Letters	
	120v	277v	120v	277v
AC Models	4.8W	4.6W	4.8W	4.6W
Emergency Models	4.8W	4.6W	4.8W	4.6W

Power Factor (all models): 0.85 lagging

DIMENSIONS

