

## Nema Rated LED/EXIT Combo EXIT / EMERGENCY COMBO

### NEMA RATED LED EXITS & COMBO UNITS

Enclosure meets NEMA 3, 3R, 4, 4X, 6, 12 & 13 areas.  
AC only and emergency operation

### ILLUMINATION

Illumination of the NACL Series Exit is accomplished with the use of direct view LEDs. LEDs offer low maintenance replacement costs and long life. The NACL Series utilizes direct view LEDs to provide illumination in excess of UL 924 requirements that enhance visibility and which improves the safety benefits in industrial environments.

### HOUSING

Watertight enclosure is constructed of fiberglass reinforced polyester with a polycarbonate lens cover that provides excellent resistance to impact. The NACL Series Exit housing is rated for NEMA 3, 3r, 4, 4x, 6, 12 and 13 environments. The two head combination emergency/exit features fully adjustable 6 volt, 6 watt Par 36 halogen sealed beam lamp heads that are enclosed in watertight, polycarbonate housing.

### ELECTRONICS

**AC Only:** 120/277 VAC dual voltage input is standard on all models. **Battery Backup:** 120/277 dual voltage input with surge protected, solid-state charging circuitry provides for a reliable charging system. Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator LED and test switch.

### BATTERY

Maintenance-free, sealed nickel cadmium battery with an estimated service life of 12 years, and operating within temperatures of 20°F (-7°C) to 95°F (35°C). The two head combination emergency/exit model uses a maintenance free, sealed lead calcium battery with an estimated service life of eight years, and operating within temperatures of 65°F (19°C) to 85°F (30°C).

### PERFORMANCE

- AC only: LED-6 watts
- Emergency Operation: LED-10 watts

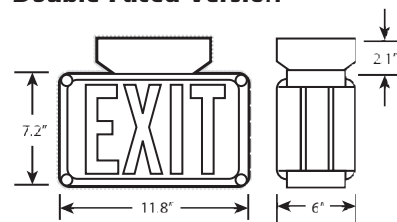


Shown: NACL / 1R / EL

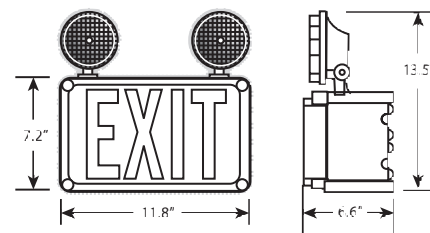
*The NACL Series Exit provides excellent emergency signage and lighting while withstanding industrial and wet environments. The NEMA Series Exit should be used when durability and harsh environments are a concern.*

### DIMENSIONS

#### Double Faced Version



#### Single Faced and Two Head Version



### EXIT ACCESSORIES

The following accessories for the NACL Series Exit must be ordered separately:

- EMF: External Mounting Feet
- TPT: Tamper Proof Tool
- WGE: Wire Guard for Top and Back Mount
- WGG: Wire Guard for Side Mount
- MK: Mounting Canopy



# NACL

## Nema Rated LED/EXIT Combo

### ORDERING INFORMATION

Series/Voltage	# Faces	Operation	Single Face (Mounting Only)	Factory Installed Options
NACL				
	<ul style="list-style-type: none"> <li>• 1R (Single Face Red)</li> <li>• 2R (Double Face Red)</li> <li>• 1G (Single Face Green)</li> <li>• 2G (Double Face Green)</li> </ul>	<ul style="list-style-type: none"> <li>• LB (AC Only)</li> <li>• NC (Emergency Operation)</li> <li>• AD (AC/DC Operation)</li> <li>• EL (Two Head Combo Lead Calcium Battery)</li> </ul> <p><small>*AD option includes an 8 to 48 VDC module which will illuminate LEDs from Extreme DC Source.*</small></p>	<ul style="list-style-type: none"> <li>• T (Top Mount)</li> <li>• E (End Mount)</li> </ul>	<ul style="list-style-type: none"> <li>• A1 (24V Fire Alarm Interface)</li> <li>• FL (Flasher)</li> <li>• DR (Damp Rated)</li> <li>• WL (Wet Location Listed)</li> <li>• 2CI (120 V Two Circuit Input)</li> <li>• 2CI (277V Two Circuit Input)</li> <li>• TRH (Tamper resistant Hardware)</li> <li>• T (Special Input Transformer)</li> </ul> <p><small>*Specify Voltage and Frequency)*</small></p>

Example: NACL-1R-LB-T-2CI (120V)

( SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. )

#### BATTERY: (Emergency Operation Only):

The battery shall be either a maintenance free, sealed nickel cadmium or lead calcium battery. The nickel cadmium battery shall utilize sintered plate construction and polypropylene separators for trouble-free operation in ambient temperatures up to 95°F (35°C). The lead calcium battery comes with combination models and shall provide trouble-free operation in temperatures up to 85°F (30°C). Nickel cadmium batteries shall be supplied with a five year full warranty, and sealed lead calcium batteries shall be supplied with a one year full warranty.

#### INSTALLATION AND OPERATION:

Exit shall be easily field connected to a 120 or 277 VAC hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. (Emergency Operation Only) - Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination level for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

#### CHARGER: (Emergency Operation Only):

Product shall utilize either a constant current (nickel cadmium) or fully automatic, voltage regulated (lead calcium) charging system. The charging system shall maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard. Low voltage disconnect (LVD), brownout protection and AC lockout.

#### CODE & STANDARDS COMPLIANCE

The NACL Series meets or exceeds all performance standards as required by UL 924, NFPA 70, NFPA 101, NEC and OSHA.

