

TYPE: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



# Preceptor™ Remote Capacity Series

## Die-Cast Aluminum Remote Capacity Exit Sign

### Features

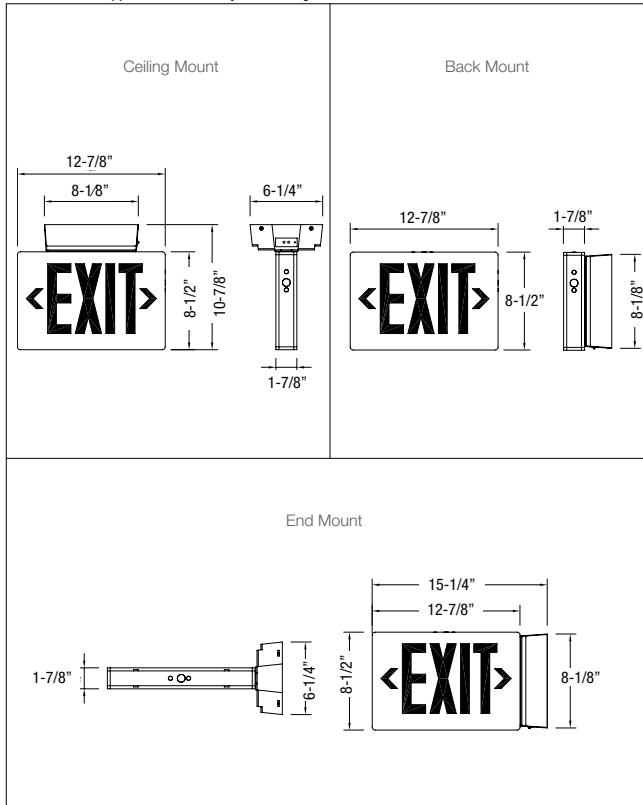
- Long-life, high-performance, low power consumption, red or green LEDs provide even illumination in normal and emergency modes
- Constructed of Die-Cast aluminum with a power canopy that houses the battery, input transformer and printed circuit board. The standard unit color is a black frame with a brushed aluminum face. Specify single or double face as required.
- Available with sealed maintenance-free Lead-Calcium or Nickel-Metal Hydride (cadmium-free, environmentally friendly) batteries.
- Can be ceiling, end or back mounted to the power canopy. The power canopy surface mounts directly to the junction box (supplied by others)
- UL924 Listed
- 5-year limited warranty  
 Detailed warranty terms located at: [www.emergi-lite.com/usa/files/EL\\_Warranty.pdf](http://www.emergi-lite.com/usa/files/EL_Warranty.pdf)

### Accessories (order as a separate item)

DESCRIPTION	SUFFIX
Wire Guard, Back Mount	WG13-E
Wire Guard, Ceiling Mount	WG14-E

### Dimensions

Dimensions are approximate and subject to change.



### Suggested Specification

Supply and install **Emergi-Lite® Preceptor™ Series** \_\_\_\_\_ exit signs with extra capacity. Signs shall be Listed to UL 924 Standards. Exit frame, back plate, faceplate and mounting canopy shall be of die cast Aluminum construction. The exit sign shall have concealed knockouts for programmable directional chevrons. The canopy shall include the AC transformer, the charger circuitry and the sealed battery used to power the exit sign and the remote load. Shall be long life light emitting diodes (LED), Red LEDs shall be of ALINGAP technology. LED lamps shall provide 100% illumination in normal and emergency operation. A color rich diffuser shall be mounted in front of the LEDs to provide the legend. The unit shall provide 90 minutes of battery powered emergency illumination. Shall be fully automatic pulse-plus technology, micro controller based. The batteries shall be completely sealed, maintenance-free, Cadmium-free superior performance and long life.

Shall include a LED pilot light and test switch. A filtered and regulated power supply shall protect the LEDs from typical power surges. All models shall be 120/277 Vac dual voltage.

The equipment shall be UL-924 listed. The unit shall be **Emergi-Lite®** model: \_\_\_\_\_.

### Electrical

- RCL - 120/277 VAC, 60Hz, 0.02A max
- RCN - 120/277 VAC, 60Hz, 0.03A max
- RCX - 120/277 VAC, 60Hz, 0.03A max

### Self-Test/Diagnostic Feature (Optional)

The self-test/diagnostic feature continuously monitors the charger assembly, battery and LED assembly current. If a fault is indicated, the external service required indicator will illuminate. The internal fault indicators will then indicate the nature of the fault. The selftest diagnostic will self test for 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually. Meets NFPA 101 Life Safety Code requirements for periodic testing.

### Unit Warranty\*

Entire unit carries a three-year full warranty

### Battery Warranty\*

**Sealed Lead-Calcium:** RCL - 8 year life expectancy, 3-year Full Warranty, plus 3-year pro rata warranty

**Sealed Nickel Metal Hydride:** RCN-RCX - 10 year life expectancy, 5-year Full Warranty, plus 5-year pro-rata warranty.

**Nickel-Metal Hydride (NiMH)** is a state-of-the-art battery technology, Lead-free and Cadmium-free.

\*Subject to proper installation and maintenance.

## Application Flexibility

**Lead-Calcium Models (RCL)** - Sealed, maintenance-free Lead-Calcium batteries power the exit sign for an estimated period of 20+ hours minimum with no remote load or 90-minutes run time with 9 watts remote load.

**Nickel-Metal Hydride Models (RCN)** - Sealed, maintenance-free Nickel-Metal Hydride batteries power the exit sign for an estimated period of 20+ hours minimum with no remote load or 90-minutes run time with 12 watts remote load.

**Nickel-Metal Hydride Models (RCX)** - Sealed, maintenance-free Nickel-Metal Hydride batteries power the exit sign for an estimated period of 40+ hours minimum with no remote load or 90-minutes run time with 24 watts remote load.

## Power Consumption & Unit Rating Chart

Series	AC Specs		DC SPECS - WATTS TO 87-1/2% OF RATED BATTERY VOLTAGE*					
	AC Input	Maximum	Voltage	Battery	1-1/2 hrs.	2 hrs.	3 hrs.	4 hrs.
RCL	120/277VAC, 60Hz	0.13/0.06A 15W	6V	Lead-Calcium	9	-	-	-
RCN			6V	NiMH	12	9	-	-
RCX			6V	NiMH	24	18	12	9

\* National Electrical Code Specification

## How to Order

HOUSING COLOR	SERIES	BATTERY TYPE	# OF FACES	LEGEND COLOR	OPTIONS
<b>BA</b> = Black body/aluminum face <b>BB</b> = Black body/black face <b>WW</b> = White body/white face <b>WA</b> = White body/aluminum face <b>AA</b> = Brushed aluminum body and face	<b>P</b> = Preceptor	<b>RCL</b> = Sealed Lead-Calcium, 9W remote capacity <b>RCN</b> = Sealed Nickel-Metal Hydride, 12W remote capacity <b>RCX</b> = Sealed Nickel-Metal Hydride, 24W remote capacity	<b>1</b> = Single face <b>2</b> = Double face	<b>R</b> = Red <b>G</b> = Green <b>RW</b> = Red on white (Open face required for special wording) <b>GW</b> = Green on white (Open face required for special wording)	<b>AD</b> = Advanced Diagnostics (audible) <b>ADNA</b> = Advanced Diagnostics (non-audible) <b>D1</b> = Time Delay (5 minutes) <b>D2</b> = Time Delay (10 minutes) <b>D3</b> = Time Delay (15 minutes) <b>FZ</b> = Flasher buzzer <b>FA</b> = Fire alarm activated flasher <b>DL</b> = Damp Location <b>VR</b> = Vandal-resist screws <b>VR1</b> = Vandal-resistant polycarbonate lens and screws

Example: **BAPRCL2R**