

# NAVILITE EXIT & EMERGENCY

## RECESSED MOUNT EDGE-LIT LED EXIT SIGN

Battery Backup

### NXECRB and NXEWRB Series

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

#### PRODUCT DESCRIPTION

Navilite NXECRB and NXEWRB Series Recessed Mount Edge-Lit LED Exit Signs offer an elegant and unobtrusive alternative for applications where minimum disruption of the building decor is desired. With a premium aluminum trim, rounded corners, and soft finishes the Navilite Recessed Edge-Lit Exit Signs portray unparalleled quality and attention to detail making them an ideal choice for upscale offices, healthcare facilities, and high-rises. The NXE-CRB and NXEWRB also offer all the benefits of LED lighting, like energy efficiency, minimum maintenance, and high reliability. Plug in connectors and Navilite pioneered field applied directional chevrons round the package for easy specification and installation. A NiCad battery provides emergency power for safe evacuation during a power outage.

#### PRODUCT SPECIFICATIONS

**Construction** Crystal clear acrylic face panel • Mirrored divider provided on double face signs to simulate clear aesthetic • Reflective tape follows the contour of the acrylic face, increasing the visibility of the letters • 6" letters with  $\frac{3}{4}$ " stroke width and additional edge engraving for increased visibility • Field-applied chevron directional indicators with pre-applied, easily removable installation template • Red or green letters • Steel recessed housing with plug in connectors for quick and easy trim installation • Includes telescopic bar hangers with built-in graduated scale that extend from 14" to 24" and can be installed in any of the four sides of the housing • The bar hangers are suitable for joist installation and come with a T-bar slot for grid ceiling installation • Bar hanger ends are designed with a nail-in tab for initial positioning • A double head nail is included for permanent attachment to joists; the double head makes it easy to remove the nail in case repositioning is needed • Commercial bar hanger brackets are also included for applications that require the use of commercial bar hangers • Vertically adjustable up to 1" to accommodate different ceiling thickness • Available in white and soft brushed aluminum trim plate finish.

**Electrical** Dual voltage 120/277VAC • Isolating transformer is mounted on the recessed housing • A quick connector makes attaching the trim to the housing fast and easy • Recessed housing comes with seven  $\frac{3}{4}$ " knock-outs for AC input in different locations • An AC ON light shows when the unit is powered up.

**Lamps** Long life, energy saving, ultra-bright LED lamps • LEDs are connected in parallel configuration such that the unlikely failure of one LED will not affect the rest of the lamps • Red or green LEDs.

**Battery** Rechargeable Nickel Cadmium, maintenance-free • Battery will operate the sign for a minimum of 90 minutes in the event of a power outage.

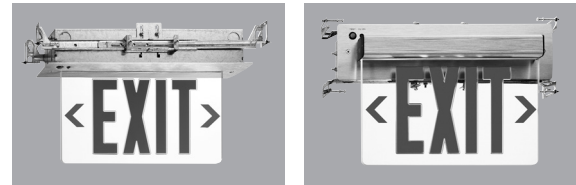
**Code Compliance** UL924 • NFPA 101 Life Safety Code Compliant • NEC and OSHA compliant.

**Warranty** 5-year warranty (see reverse for battery warranty).

Product specifications subject to change without notice.

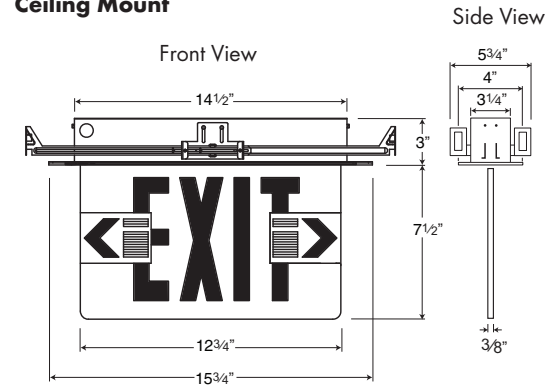
#### INSTALLATION

**Mounting** Ceiling recessed (NXECRB) or wall recessed (NXEWRB) mounted • Includes telescoping bar hangers for joist or T-bar ceiling applications and commercial bar hanger bracket • Vertically adjustable to accommodate varying ceiling thickness • Can be installed in drywall or suspended ceilings.

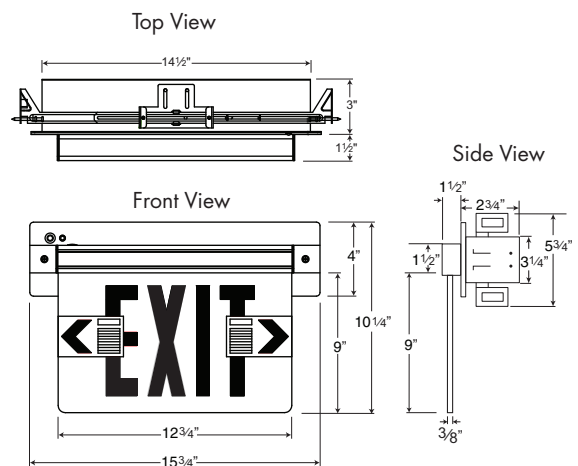


#### DIMENSIONS

##### Ceiling Mount



##### Wall Mount



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## NXECRB and NXEWRB Series

<b>ORDERING INFORMATION</b> (Ordering Example : NXECRB1RAA)			
<b>Series</b>	<b># of Faces</b>	<b>Letter Color</b>	<b>Trim Plate Finish</b>
NXECRB = Ceiling Recessed Mount Edge-Lit LED Exit Sign - with Battery Backup	1 = Single Face 2 = Double Face	R = Red Letters G = Green Letters	WH = White BA = Soft Brushed Aluminum
NXEWRB = Wall Recessed Mount Edge-Lit LED Exit Sign - with Battery Backup	1 = Single Face	R = Red Letters G = Green Letters	WH = White BA = Soft Brushed Aluminum

Note: Special signage and special trim plate finishes available. Contact factory for details.

### ENGINEERING DATA

	Input Voltage	Max. Amps	Max. Watts
<b>Red LED</b>	120	0.036	3.545
<b>Red LED</b>	277	0.016	3.597
<b>Green LED</b>	120	0.043	4.15
<b>Green LED</b>	277	0.019	4.28

### ACCESSORIES

Catalog No.	Description
<b>HB-26</b>	26" C-Channel Bar Hangers (Set of 2).
<b>HB-50</b>	50" C-Channel Bar Hangers (Set of 2).
<b>LB-27</b>	27" Linear Bar Hangers (Set of 2).

Accessories must be ordered separately.

Note: Accessories are only needed when using the supplied commercial bar hanger bracket.

### BATTERY DATA

- NiCad battery warranted for five full years with additional 5 years pro-rated warranty
- Recharges in 24 hours or less

Type	Battery Voltage	Shelf Life <sup>1</sup>	Expected Life <sup>1</sup>	Temperature Range <sup>2</sup>
Nickel Cadmium	4.8V, 650mAh	3 years	8-10 years	32°F-100°F

<sup>1</sup> At 77°F

<sup>2</sup> To obtain rated life and capacity.



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