

Catalog Number

Notes

Type

Description:

The Encore Endurance CX Series is a recessed mounted LED Edgelit Exit sign utilizing two adjustable high brightness 1 1/2 watt White LED MR16 type lamps for code approved downlighting. A crystal clear acrylic panel hangs from the trim plate providing a slim, nearly invisible aesthetic sign. The LED Exit illuminator uses ultra high brightness Piranha type RED LED's providing bright, consistent illumination. The two LED MR16 downlights provide up to 10 footcandles on the floor, below the sign. The unit utilizes high temperature NiCad batteries to provide 90 minutes of lighted sign and downlight during power failures. The recessed housing has adjustable mounting bars to allow proper ceiling fit in any application.

Electronics:

The unit accepts input of 120 or 277 VAC, 60 Hz. Power consumption is 1.9 watts and uses NiCad batteries. Charging is accomplished with with a constant current charger capable of recharging as per UL924 standard. No mechanical relays are used, transfer is accomplished using solid state circuitry.

Housing:

Recessed housing is constructed of 18 gauge galvanized steel. All electronics, including the battery, are mounted and prewired in the housing allowing for complete wiring prior to the installation of the panel/trim assembly. The electronics are mounted on a removable sub-chassis to facilitate mounting and maintenance. The recessed housing is provided with vertically adjustable mounting bars allowing for a proper flush ceiling fit. 1/2" conduit knockouts are included on both sides as well as on top of the housing.

LED Exit Illuminator:

The LED illuminator consists of 10 Ultra bright Piranha Red LEDs. The Piranha LED has a nearly 180 degree emitting angle allowing for even illumination. The LEDs are wired in sets of two, insuring in the unlikely event of a single LED failure, the sign will continue to be illuminated.

LED MR16 Downlights:

The Endurance CX utilizes (2) ultra high brightness White LED MR16 type lamps. Each LED lamp is housed in an MR16 type lamp, of die cast construction for heat dissipation. Each LED MR16 lamp is adjustable 35° and will provide a minimum of 5 fc to meet Local Law 16/41 illumination requirements.

Trim/Panel Assembly:

The Trim/Panel assembly consists of two die formed clear acrylic attached to an extruded aluminum trim plate. The panel assembly consists of panel halves ultrasonically welded together, no hardware is visible. The Trim/Panel is attached to the housing using invisible torsion springs, no hardware is visible. The "EXIT" letters are silk screened onto the acrylic, using a LED frequency matched paint. Each letter is outlined with a 1/8" groove. The standard trim finish is Brushed Aluminum, bright dipped to stop noticeable finger prints. Other trim finishes are available, see ordering chart below.

Approvals/Warranty:

UL924 listed, Life safety NFPA 101, NEC/OSHA, New York City approved. LED illuminator and MR16 LED lamps warranted for 25 years, charger covered by 3 year warranty, NiCad batteries covered by 10 year warranty, 3 years complete, 7 years prorated.



**ENDURANCE
CX SERIES**

Combo Edgelit Exit

LED Exit

Recessed LED Downlights



Complete Recessed Units

Operation	No of Faces	Letter Size	Letter/Panel	Trim Finish	Arrow Direction
CX Series	1 Single	6	RC Red/Clear RW Red/White RM Red/Mirror GC Green/Clear GW Green/White GM Green/Mirror	A Br. Aluminum PA Pol. Aluminum PB Pol. Brass BZ Bronze B Black W White	AL Arrow Left AR Arrow Right LR Double Faced Arrows DH Double Headed Arrows U Universal Arrows

Trim and Panel Only (Recessed)

Add Prefix "T"

Housing Only (Recessed)

HCX Battery Housing

Universal arrows allow flexible field selection.

Nicad Batteries.

25 years LED Lamps.

25 years EXIT LED Downlights

18 gauge galvanized steel, recessed housing is vertically adjustable.

Dual 120/277 VAC, 60H input.

Invisible torsion springs secure trim plate to housing.

Adjustable hanger bars.

