

**NEW**



**Energy Efficient, High Quality,  
Life Safety LED EXIT Signs**

# LED SERIES E8100 / 200 EDGE-LIT 8" LETTER ARCHITECTURAL EXIT SIGNS

The Prolume LED Series E8 line of 8" letter exit signs offers the ultimate in both performance and styling when a large legend edge-lit fixture is required. Architecturally appealing, these signs feature an engraved acrylic exit panel and a cast trim plate that significantly enhances the aesthetics of any egress area. Ultra bright LEDs provide superior optical performance as well as long life. A full range of ceiling, wall and surface models, for both emergency and non-emergency use, in a variety of standard as well as custom finishes is available to handle all interior applications.



## FEATURES

## BENEFITS

**Architecturally Styled Design**

Aesthetically appealing to enhance appearance in egress areas.

**High Intensity / Ultra Bright LEDs**

Provide precision optical performance for maximum luminous intensity, uniformity and long life. Reduces operating costs for building owner.

**Low Energy Consumption**

Reduces energy costs for building owner. May qualify for utility rebates.

**Engraved 8" Exit Lettering**

Improves visibility in large open areas and provides high-tech architectural appearance.

**Snap-In Acrylic Exit Panel**

Allows simple installation and provides jobsite flexibility.

**Cast Aluminum Trim Plate**

Enhances décor and provides quality look.

**Plug-In Electronic / LED Module**

Simplifies installation and battery replacement.

**Simple Installation**

Installs easily in all suspended and sheet rock ceilings as well as in standard studded walls. Mounting hardware is included for simple T-Bar grid installation without the need for additional parts.



Fixture Schedule:  
Type    Model No.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Job:

Remarks:



HIGHLY INNOVATIVE • TECHNOLOGY BASED • QUALITY LIGHTING PRODUCTS

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# LED SERIES E8100 / 200 EDGE-LIT PRODUCT SPECIFICATIONS / ORDERING INFORMATION

## CONSTRUCTION

Basic sign construction includes heavy gauge steel backbox with protective galvanized or durable powder coat finish, cast aluminum trim plate and acrylic exit plaque.

## INSTALLATION

Signs are designed for recessed installation in accessible ceilings and standard studed walls. Mounting hardware for T-Bar grid installation is included as standard. Surface and pendant mount units are also available. Exit panels are designed to snap-in as the final step in the installation process to provide job site flexibility for directional arrow selection.

## ILLUMINATION

Illumination is provided by 18 high intensity ultra bright red LEDs, which uniformly distribute light through a plaque medium of two .25" clear acrylic panels bound by a light-reflecting strip across the bottom. Panels are screened with a reflective, light transmitting ink to produce bright uniform letter illumination. Engraved exit letter edges create highlights and provide a high tech overall sign appearance. Consult factory for other colors.

## FINISH

Cast trim plates are supplied standard in Brushed Aluminum, White, Black and Architectural Bronze. Custom finishes and materials are available.

## ELECTRICAL / ELECTRONIC

Universal 120/277volt input is standard. Low voltage power from the transformer secondary is brought to the Illumination/Charger board, which is supplied as part of the trim plate assembly to facilitate installation. Maximum power consumption is <5 watts for all models.

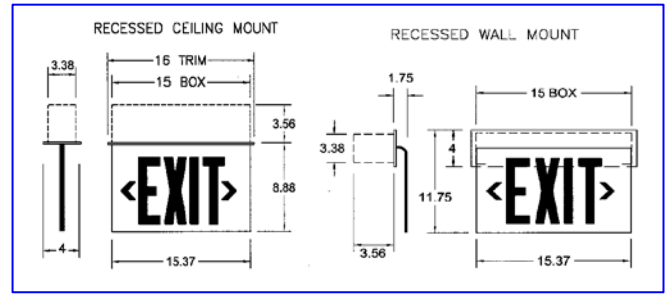
## OPERATION / SELF POWERED MODELS

During normal operation, the LED module provides illumination from standard utility power. When a power failure occurs, a solid-state switch connects a battery to the LED module and provides continuous operation for a period of 90 minutes. When AC is restored, the battery returns to the charge mode and normal operation resumes. Features include...

- Solid-State, constant current charger provides 24 hour recharge
- Solid-State, low voltage disconnect protects battery from harmful deep discharge
- Long life, sealed maintenance-free, 4.8V, 800mAH nickel cadmium battery

## COMPLIANCE

Signs meet requirements of UL 924 and DOE Energy Star Program. NYC Approved.



## WARRANTY

Signs carry a full ten-year warranty on parts and electronics with a separate seven-year pro-rata warranty on the battery.

## ORDERING INFORMATION

### BASIC MODEL DESCRIPTION

- EC8101** Recessed ceiling mount AC single face
- EC8102** Recessed ceiling mount AC double face
- EC8201** Recessed ceiling mount AC/DC single face
- EC8202** Recessed ceiling mount AC/DC double face

- EW8101** Wall mount AC single face
- EW8201** Wall mount AC/DC single face  
(Specify **ES** as Basic Model for Surface Mount)

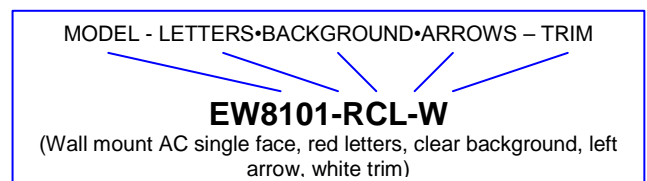
LETTERS	/	BACKGROUND	/	ARROWS
R (red)	/	C (clear) W (white)	/	L (left) R (right) D (double) LR*

### TRIM PLATE FINISH

BA (brushed aluminum) W (white) B (black) AB (architectural bronze)	*Double face signs with single arrows are universal. Specify LR.
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To order specify MODEL-LETTERS/BACKGROUND/ARROWS-TRIM

## EXAMPLE



## OPTIONS

Factory equipped options include...

- **-SW** / Special Wordings Plaques
- **-DC** / Dual-Circuit Operation (AC only)
- **-RDC** / Remote DC Operation (6-48 volt)
- **-F** / Flasher Module

(add **"-suffix"** to BASIC MODEL)