

GENERAL DESCRIPTION

The Symmetry Series II thermoplastic LED exit is a simple, compact exit sign that combines high impact thermoplastic and high performance electronics to ensure reliability. Softly rounded corners and the universal mounting configuration allow the product to blend nicely with all modern interiors. The Symmetry Series II has been engineered to ensure ease of installation, as well as provide years of low cost, efficient service. The simplified installation process makes the Symmetry II Series LED exit both a preferred specification product and electrical contractor favorite.

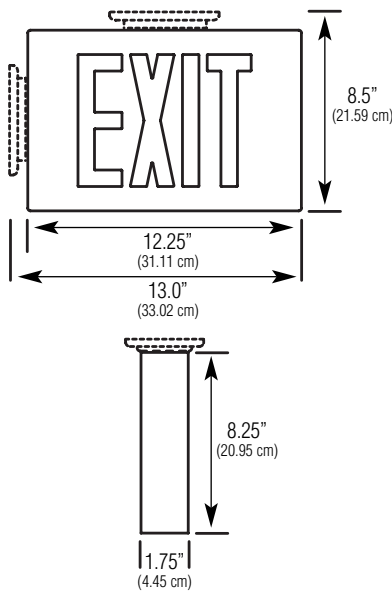
ILLUMINATION

Illumination of the exit stencil face is accomplished with long lasting, high output Light Emitting Diodes (LEDs). Hot spots and striations are eliminated by the internal "light chamber" especially designed around the high performance LED array.

INSTALLATION

A labor saving snap together design eases installation. All Models are supplied with two faces, a backplate and a canopy making this sign universal to most mounting configurations.

DIMENSIONS



Dimensions Approximate And Subject To Change

Symmetry II Series

Thermoplastic LED Exits

Long Life, Energy Saving LEDs



HOUSING

Impact resistant, UL 94, 5 VA thermoplastic housing with NFPA-type field selectable chevron's. chevron's can be easily removed and re-installed.

White housing is standard, black housing is available as an option.

Stencil face is easily removed for installation, maintenance and inspection.

Housing design simplifies installation, and does not require hard wire terminations inside of the exit housing. The installation process enables the installer to easily make all wiring connections in the junction box, while all mechanical connections between the exit housing and canopy are made tool free.

Universal top, side or back mounting. Canopy furnished with all models. No canopy needed for back-to-wall mounting.

ELECTRONICS

AC Only - 120/277 VAC dual voltage input

Self-Powered - 120/277 VAC dual voltage input with surge-protected, solid-state circuitry provides for a reliable charging system. Standard features include low voltage disconnect, AC lockout and brownout protection

BATTERY

Maintenance free, sealed nickel cadmium battery supplies 90 minutes of emergency power.

Operating temperature range of 68°F (20°C) to 104°F (40°C)

SELF-DIAGNOSTICS (OPTIONAL)

Checks charger, LEDs, battery and transformer every five seconds

Automatic tests include: one minute test once a month and 90 minute test annually

Coded LED flash signifies failure type



SHOWN: ERB

CODE COMPLIANCE

UL 924 listed

UL damp location listed at 68°F (20°C) to 104°F (40°C)

NFPA 101, NEC, BOCA, OSHA and IBC illumination standards

ELECTRICAL SPECIFICATIONS

AC Only

- Red - 0.026A (120 VAC)
- 0.012A (277 VAC)
- Green - 0.026A (120 VAC)
- 0.012A (277 VAC)

Self-Powered

- Red - 0.033A (120 VAC)
- 0.017A (277 VAC)
- Green - 0.033A (120 VAC)
- 0.017A (277 VAC)

WARRANTY

Five year full electronics warranty

Five year full plus five year prorated battery warranty

ORDERING INFORMATION (EXAMPLE: ERB)



SERIES

E = Symmetry Series II Thermoplastic LED Exit Sign



LETTER COLOR

R = Red LEDs
G = Green LEDs



BATTERY

A = AC Only
B = Nickel Cadmium Battery



FACTORY INSTALLED OPTIONS

AD = ACCU-TEST Self-Diagnostics
B = Black Stencil, Black Housing

NOTE: Standard product is furnished with white housing, white stencil and canopy for universal mounting, single or double face.

Specification Data for Symmetry Series II Thermoplastic LED Exit

SUGGESTED SPECIFICATION

Furnish and install Chloride Systems LED exit sign model _____. The exit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and the National Electrical Code (NEC).

INSTALLATION AND OPERATION - Exit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. Product installation should not require entry inside of the exit housing to make or arrange wiring connections in the field. Mechanical connections to standard junction boxes shall be accomplished by utilizing the access ports and canopy connector supplied with the product. (Self-Powered 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. The unit shall be damp location listed standard.

CHARGER (Self-Powered Only) - Product shall utilize a solid-state, constant current charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. A five year warranty shall be provided. Circuitry shall include both a "push-to-test" switch and "utility power present" indicator LED.

BATTERY (Self-Powered Only) - The battery shall be maintenance free, sealed nickel cadmium utilizing sintered plate construction. Nickel cadmium batteries are supplied with a five year warranty. The unit shall be capable of operating in temperatures ranging from 68°F (20°C) to 104°F (40°C).

ILLUMINATION - The Symmetry Series II indirect view LED exit signs shall incorporate high intensity LEDs. The LEDs shall be designed so that the unlikely failure of one LED will not affect the integrity of the total sign in the emergency mode. The Symmetry Series II exit equipped with red LEDs shall consume 0.026A (AC-Only) or 0.033A (Self-Powered). The Symmetry Series II exit equipped with green LEDs shall consume 0.026A (AC-Only) or 0.033A (Self-Powered).

HOUSING - The Symmetry Series II LED exit housing shall be constructed of impact resistant, UL 94 V-0, 5 VA thermoplastic, with NFPA-type field selectable chevron's. The standard housing, stencil and canopy finish shall be white. Black housing is available as an option.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



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SYSTEMS

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