



# 4100 SERIES EM4100 SERIES

## STAINLESS STEEL VANDAL RESISTANT AC OR AC/EMERGENCY EXIT

*Ideal for areas of public access, especially those exposed to harsh environments, such as train platforms, outdoor parking structures, etc., where handsome, rugged exit signs are required.*

### SPECIFICATIONS

**CONSTRUCTION:** Housing, socket channel, and frame manufactured of 16 gauge type 304 die-formed stainless steel. Internally hinged frame opens for easy access to panel and socket channel, and is secured to housing with stainless steel, tamper-proof screws.

**GASKETING:** Silicone gasketing is applied to the housing and hinged frame to form a water tight seal.

**MOUNTING:** Universal mounting – ceiling, end, wall, pendant, or back mount; canopy supplied. Painted Pendant kit optional; stainless steel or aluminum available on special orders, please specify.

**FINISH:** Natural satin brush finish standard; other finishes available at no additional charge.

**PANEL:** Stencil face panels come with removable chevrons. Letters are 6" high with 3/4" stroke. Other color combinations available to meet local codes. Glass panels (Chicago Code) have red letters on white background. A .125" clear polycarbonate shield is optional.

**ELECTRICAL: COLD CATHODE--**The T-5 Cold Cathode Lamp Module is a fully self-contained light source with a 3mm cold cathode lamp encased in 2 standard T-5 bi-pin tubes. The module contains an electronic ballast/inverter with solid state battery charging circuitry (when used in AC/Emergency Mode).The cold cathode lamps will illuminate for 50,000 hours, and consume less than 8 watts of power under normal operation.

**Incandescent**—furnished with two (2) 20T6.5 double contact bayonet base lamps. Power consumption – 40 watts; average lamp life – 2,000 hours.

**Fluorescent**—wired with 7/9 Watt ballasts and furnished with two (2) compact fluorescent lamps. Power consumption – 21.6 watts; average lamp life –10,000 hours.

**LED**—Energy efficient – draws a maximum 4 watts (8 watts in emergency mode) and produces bright, even illumination across the panel face. Red LEDs have 100,000 rated life.

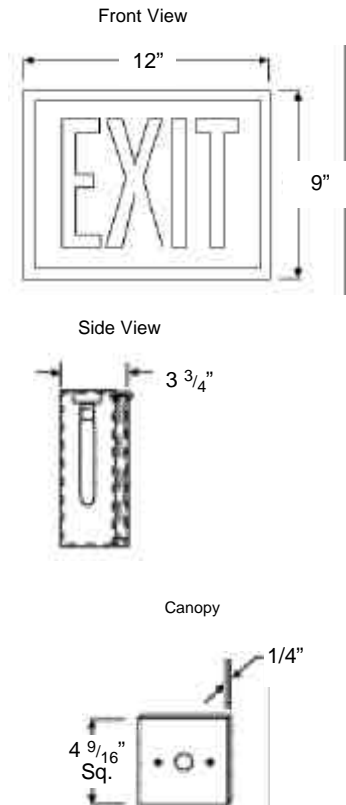
**EMERGENCY OPERATION:** Emergency system illuminates lamps when normal (AC) power fails. System comes complete with 6V, maintenance free Lead Acid battery (Nickel Metal Hydride battery standard with Cold Cathode signs; Nickel Cadmium battery standard with LED systems) for (2) hour operation. Solid State charger features automatic brownout protection and low voltage disconnect, which prevents over-discharge of battery. A momentary test switch and charge indicating light are standard.

Fluorescent signs are furnished with two 3.6 Watt, 6V DC wedge base lamps which illuminate when AC power fails.

**LABELS:** U.L., E.T.L., or ENTELA Listed. CTA, CHA, Chicago Park District approved. Wet Location Label Optional (add WL to catalog number).

**WARRANTY:** See Warranty page.

### DIMENSIONS



4100 Series

### ORDERING INFORMATION

EXAMPLE: 4100-3-2FL-120-WL

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Series	<input checked="" type="checkbox"/> Panels	<input checked="" type="checkbox"/> Lamping	<input checked="" type="checkbox"/> Voltage	<input checked="" type="checkbox"/> Finish	<input checked="" type="checkbox"/> Options
<input type="checkbox"/> 4100 AC Only <input type="checkbox"/> EM4100 AC/ Emergency <input type="checkbox"/> CC-4100 Cold Cathode AC Only <input type="checkbox"/> CC-EM4100 Cold Cathode AC/Emergency	<input type="checkbox"/> STF-1-Stencil Single Face <input type="checkbox"/> STF-2-Stencil Double Face <input type="checkbox"/> XX-Glass (See Legend for Panel Codes)	<input type="checkbox"/> 2FL-Fluorescent <input type="checkbox"/> LED/R Red LED <input type="checkbox"/> LED/G Green LED <input type="checkbox"/> INC-Incandescent	<input type="checkbox"/> 120 <input type="checkbox"/> 277	<input type="checkbox"/> SB-Satin Brushed Stainless* <input type="checkbox"/> CC-Custom Color *=Standard	<input type="checkbox"/> STL-16 Ga. Steel Housing <input type="checkbox"/> WG-Wire Guard <input type="checkbox"/> TP-Tamper Proof Screws <input type="checkbox"/> DL-Downlight <input type="checkbox"/> G/W-Green Letters on White <input type="checkbox"/> EXC-(Dual) Emergency Circuit <input type="checkbox"/> FLS-Flasher <input type="checkbox"/> BZ-Buzzer <input type="checkbox"/> PK-Pendant Kit (Spec. Stem Length) <input type="checkbox"/> PP-Polycarbonate Panels

### PANEL CODE LEGEND

SINGLE FACE	DOUBLE FACE
<input type="checkbox"/> 2 - Stairs	<input type="checkbox"/> 17 - Stairs
<input type="checkbox"/> 3 - Exit	<input type="checkbox"/> 18 - Exit
<input type="checkbox"/> 5 - Stairs➔	<input type="checkbox"/> 20 - Stairs➔
<input type="checkbox"/> 6 - Exit➔	<input type="checkbox"/> 21 - Exit➔
<input type="checkbox"/> 8 - Stairs←	<input type="checkbox"/> 23 - Stairs←
<input type="checkbox"/> 9 - Exit←	<input type="checkbox"/> 24 - Exit←
<input type="checkbox"/> 11 - Stairs↔	
<input type="checkbox"/> 12 - Exit↔	

AP-Acrylic Panels  
 WL-Wet Location  
 MOD-Special Panel Wording or Panel Color  
 PS-Polycarbonate Shield  
 IRT-Infrared Remote Test Switch  
 FAI-Fire Alarm Interface

NOTE: Specifications and dimensions subject to change without notice



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