



# CMX Series

Specification-grade, all-metal open face signs with glass exit plaques designed to meet Chicago specifications

Catalog Number	
Comments	Type



(AC-Only Model)

City of Chicago Approval #9823



(Emergency Model)

## Features

### Standard Sign Features

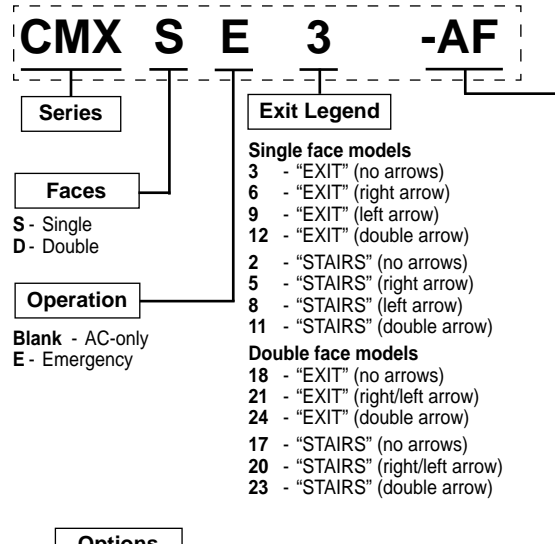
- 22-gauge metal enclosure with white or black finish
- Translucent glass diffuser secured by channels
- Six-inch letters
- Full length, silkscreened directional arrows
- Extended-life, incandescent AC lamps
- Standard 120 VAC (277 VAC optional on AC models)
- Wall surface, end or ceiling mounting
- Designed for maximum downlight
- City of Chicago approved
- UL Listed

### Emergency Sign Features

- Completely self-contained emergency power pack
- 90-minute operation
- Fully automatic, solid-state charger
- Automatic, low-voltage battery disconnect
- AC-On indicator and test switch
- Maintenance-free long-life lead-acid battery
- Universal transformer allows operation from 120 or 277VAC sources.
- UL 924 Listed (Emergency Lighting)

## Product Selector

Example: CMXSE3-AF

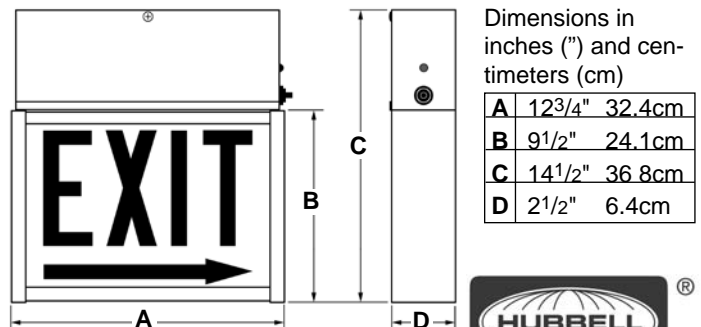


- (1) For use with AC models only.  
 (2) Operates with 24-volt AC or DC fire alarm panels.  
 (3) -FAP and -AF options may not be specified together.  
 (4) -FAP and -AF options not available with fluorescent lamp models.  
 (5) -AF option for use with emergency models only.

### Accessories (order separately)

- CKW** Canopy mounting kit (white)  
**CKB** Canopy mounting kit (black)  
**PMKW** Pendant mounting kit (white)  
**PMKB** Pendant mounting kit (black)  
**WGMLT** Wire guard (wall mount AC models)  
**WGTC** Wire guard (ceiling/end mount AC and emergency models)  
**WGTW** Wire guard (wall mount emergency models)  
**VRS2** Vandal resistant shield (fits all models)

## Dimensions



NOTE: Add 1" (2.5cm) for canopy if ceiling or end mounted.



Hubbell Lighting, Inc.

### Construction

**Sign:** Heavy duty, 22 gauge steel housing with matching canopy

**Sign Finish:** Bright white standard (black optional)

**Diffuser Material:** Glass

**Letter/Arrow Color:** Red

**Diffuser Background:** White (phosphorescent optional)

**Legend:** "EXIT" or "STAIRS" standard

**Directional Arrows:** Silkscreened - full length under legend

### Illumination

**Standard AC Lamps:** Two 130 volt, 20 watt incandescent

**Optional AC Lamps:** Two, 7 watt compact fluorescent

**DC Lamps:** Two, 6 volt, 5.4 watt wedge base incandescent (emergency models only)

**Rated AC Lamp Life:** 5,000 hours (incandescent), 30,000 hours (fluorescent)

### Installation

**Mounting:** Sign mounts to 3 $\frac{1}{2}$ " , 4" octagon, or 4" square outlet boxes and standard plaster rings.

**Wall Installations:** Back plate provides a knockout pattern for mounting to outlet box. Knockouts provided for securing housing to wall surface.

**Ceiling or End Installations:** Mounting canopy provided with all models. Canopy mounts to outlet boxes by means of mounting plate supplied.

### Operating Temperature Range

20°C to 30°C (68°F to 86°F).

### Electronics

**Input:** 120VAC, 60 Hz (all models). 277VAC optional on AC models, standard on emergency models

**Emergency Operation Module** (Externally Mounted)

**Charger:** Voltage regulated, thermally compensated

**Built-in Protection:** Reverse polarity, short circuit, brownout, AC lockout and low battery voltage protection

**Recharge Cycle:** Per acceptable time standards

**Test Means:** Integral test switch

**Indicators:** AC-On indicator

### Battery

**Type:** 6-volt maintenance-free lead-acid

### Power Consumption (Max)

Incandescent AC Models: 40 Watts (120 or 277VAC)

Fluorescent AC Models: 18 Watts (120 or 277VAC)

Incandescent Emergency Models: 50 Watts (120 or 277VAC)

Fluorescent Emergency Models: 28 Watts (120 or 277VAC)

### Compliances

City of Chicago Approval #9823

UL Listed - AC models

UL 924 Listed - Emergency models

Meets general brightness and uniformity standards

### Warranty

AC Models: 3-years full

Emergency Models: Unit and Electronics: 3-years full

Battery: 1 year full, 5 years pro-rata (6 years total)

### Dual-Lite • [www.dual-lite.com](http://www.dual-lite.com)

A Hubbell Lighting, Inc. brand with representatives' offices in principal cities throughout North America.

Copyright © Hubbell Lighting, Inc., All Rights Reserved • Specifications subject to change without notice. • Printed in U.S.A.



### Suggested Specifications

Sign housing shall be 20 gauge steel construction with a (bright white)(black) finish. Signs shall be (single face)(double face) design and capable of back, ceiling, or end mount installation.

All signs will provide glass open face diffusers and feature full length directional indicator arrows as required. Mounting canopies will be provided with all models and will be of identical construction and color to match the exit housing. Signs will be designed to mount to 3 $\frac{1}{2}$ " or 4" octagon outlet boxes, 4" square outlet boxes or standard plaster rings.

AC CMX Series models shall provide (standard 120VAC) (optional 277VAC), 60 Hz operation. Normal AC illumination will be provided by two (130V, 20 watt T6 incandescent lamps with a normal expected life of 5,000 hours)(120 volt, 7 watt compact fluorescent lamps with a normal expected life of 30,000 hours).

Emergency CMX Series models shall be available through an external, factory installed, fully automatic power pack module. Illumination on emergency models will be provided by two incandescent 6 volt, 5.4 watt DC lamps. All emergency models shall provide universal 120/277VAC, 60 Hz input. A maintenance-free lead-acid battery designed to provide a minimum of 90 minutes of emergency operation in an ambient temperature range of 20° to 30°C (68°F to 86°F) to an end voltage of 87.5% of nominal battery voltage will be provided. Charger shall be solid state design and feature an AC-On indicator and integral test switch. The unit charger will be capable of recharging the battery within acceptable time standards.

All CMX Series models will provide sufficient lumen output and uniformity to satisfy general exit sign requirements. Optional equipment will include: \_\_\_\_\_

Dimensions to be:

9 $\frac{1}{2}$ " (24.1cm) high x 12 $\frac{3}{4}$ " (32.4cm) wide x 2 $\frac{1}{2}$ " (6.4cm) deep for AC models.

14 $\frac{1}{2}$ " (36.8cm) high x 12 $\frac{3}{4}$ " (32.4cm) wide x 2 $\frac{1}{2}$ " (6.4cm) deep for emergency models.

Add 1" (2.5cm) for canopy if ceiling or end mounted.