



CHSX Series City of Chicago Steel LED Exit Sign



PROJECT:

FIXTURE TYPE:

LOCATION:

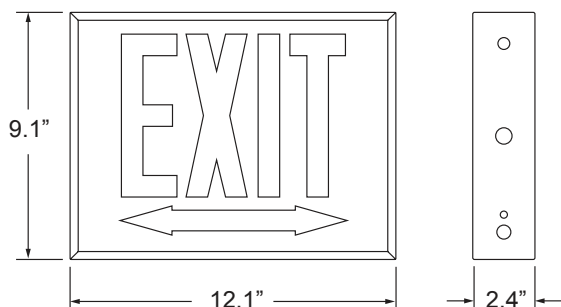
CONTACT/PHONE:



PRODUCT DESCRIPTION

The CHSX Series is a low-profile, compact LED illuminated exit sign for the City of Chicago available in AC-only or self-powered models that operates for a minimum of 90 minutes during a power outage. The CHSX Series features a Lithium Ion class battery coupled with durable 20 gauge steel construction with a UL 924 compliant single-face EXIT glass panel in an attractive styling for ceiling, end, pendant or wall mount applications. A full range of alternative glass panels are available as accessories.

DIMENSIONS



FEATURES

- Suitable for City of Chicago
- UL 924 Listed for Damp Locations
- Universal input voltage from 120VAC to 277VAC, 50/60Hz
- Includes all necessary hardware for ceiling, end or wall mounting
- Constructed of rugged 20 gauge steel with heat-tempered, impact-resistant translucent glass panels

SPECIFICATIONS

Illumination

Long-life, high-intensity, white LEDs

Housing

20 Gauge steel with a white powder coated finish. Glass panels are heat-tempered and impact- and scratch-resistant with red silk-screened lettering on white finish

Battery

Maintenance-free LiFePO4 battery

Electrical Input

Universal input voltage - 120 to 277VAC, 50/60Hz

Operating Temp

5°C to 45°C (41°F to 113°F)

Run Time

UL Listed 90 minute emergency run time, 24 hour recharge time

Electrical

Low voltage disconnect eliminates deep discharge, brownout protection

Legend

Fully illuminated red 6" characters with 3/4" stroke; comes standard with single-face CHSX-PANEL-3 (no arrows)

Mounting

Pendant (by others), ceiling, end or wall mount (canopy included)

Finishes

White

Options

RC = Remote Capacity - 9.6V, 3W (6.8W total) (one additional double lamp head or two single lamp heads, see CRM Indoor Remote or R-ASR Outdoor Remote for more information)

Certifications

UL 924 Damp Location Listed, meets or exceeds City of Chicago, NEC requirements and NFPA 101

Warranty

Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Mue warranty document for detailed information (Terms and Conditions apply)



ORDERING INFORMATION

Model	Power Source	Options	Single-Face Panel Accessories ^{3,4,5}	Double-Face Panel Accessories ^{3,4,6}
CHSX ¹	LB = AC Only	RC ² = Remote Capacity	CHSX-PANEL-3 = EXIT (included with fixture)	CHSX-PANEL-18 = EXIT
	WB = With Battery		CHSX-PANEL-6 = EXIT▶	CHSX-PANEL-21 = ◀EXIT, EXIT▶
			CHSX-PANEL-9 = ◀EXIT	CHSX-PANEL-24 = ◀EXIT▶
			CHSX-PANEL-12 = ◀EXIT▶	CHSX-PANEL-17 = STAIRS
			CHSX-PANEL-2 = STAIRS	CHSX-PANEL-20 = ◀STAIRS, STAIRS▶
			CHSX-PANEL-5 = STAIRS▶	
			CHSX-PANEL-8 = ◀STAIRS	

Notes:

¹ Comes standard with single-face EXIT Panel-3 (no arrows)

² WB Only; Compatible with CRM Indoor Remote or R-ASR Outdoor Remote

³ All panels supplied with red letters on a white background

⁴ Order as separate line item, field installed

⁵ One faceplate only

⁶ Two faceplates

EXAMPLE: CHSX-WB-RC



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CONSTRUCTION

The CHSX Series exit signs are constructed of 20 gauge steel with a white powder coated finish providing scratch and corrosion resistance. The open face glass panels are heat-tempered, impact- and scratch-resistant with red silk-screened lettering on a white finish.

ILLUMINATION

Exit face illumination is provided by special high-intensity white indirect LEDs with an estimated life of up to 100,000 hours.

ELECTRICAL

Input

Universal input voltage - 120 to 277VAC @ 50/60Hz. Overload and short circuit protection included.

LiFePO4 Battery

Maintenance-free, long-life, rechargeable LiFePO4 batteries. Fully automatic, solid-state charger initiates battery charging to recharge a discharged battery within 24 hours. The internal solid-state transfer switch automatically connects the internal battery to power the LED board for a minimum of 90 minutes of illumination during the loss of utility power. An LED indicator light alerts occupant on battery condition (Steady-normal, Blinking-check battery).

Emergency

The CHSX Series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

Brownout Circuit

Brownout circuit monitors the line voltage. As the line voltage sags and can no longer illuminate the exit sign to meet UL 924 visibility test, the emergency circuit will turn on to supply a portion or all the power to illuminate the sign for 90 minutes until line voltage is restored.

LOW VOLTAGE DISCONNECT

Low Voltage Disconnect (LVD) measures the battery terminal voltage. The LVD continuously monitors the battery terminal voltage and if it should fall below a preset voltage threshold, the LVD will disconnect the load. When the battery is recharging and voltage is raised above another preset voltage threshold, the load is automatically reconnected.

TEST BUTTON

The test button is easy to locate and provides manual verification of the transfer circuit, battery condition and emergency lamps.

INSTALLATION

Installs in minutes with easy-to-read instructions and detailed diagrams. A universal knockout pattern on the rear for direct mounting to junction box and a steel canopy is provided for ceiling or end mounting. Knockouts are included on top for pendant mount. No special hardware or tools necessary. Internally housed components and battery.

CONFORMANCE TO CODES & STANDARDS

The CHSX Series is UL 924 Listed for Damp Locations and meets or exceeds the following: City of Chicago Fire Code, NEC requirements and NFPA 101.