DUAL LITE®

Sempra® MR Series
Cast Aluminum Master/Remote LED Exit Sign Sets

Catalog Number	
Comments	Type

FEATURES

Application

The Sempra® MR Series are a set of compact, low-profile Master/ Remote exit sign featuring cast aluminum construction. It allows for easy installation and has energy saving, long-life LED lamps.

Construction

The Sempra® MR Series housing, exit face(s) and matching canopy are constructed of high strength cast aluminum with the option of white, white with brushed aluminum, black or black with brushed aluminum finish. The diffuser has a frequency-matched silk screened coating that provides optimized LED light output. The unit comes with 6" letters with a 3/4" stroke and chevron directional arrows.

Installation

The master and remote unit signs mount to 3^1/$_2$, 4" octagon or 4" square outlet boxes and standard plaster rings. Exit signs housings are provided with knockout pattern for mounting to standard outlet boxes. Ceiling and end installations are available for the master unit only and mounting canopy is provided. The canopy mounts to outlet boxes by means of a universal mounting plate which is supplied. Exit mounts to canopy bracket. Wiring for the master exits are a pre-stripped AC input pigtail leads and wiring for remote exits are an interconnecting wiring that consists of three- 18 gauge (min.) AC conductors which are supplied by installer.

Illumination

The master unit comes with 4 red or green high-output LEDs and the remote unit come with 6 red or green high-output LEDs. LEDs have an excess of 20 year life. Brightness index and illumination uniformity both exceed UL requirements.

Compliances

UL 924 Listed
NFPA 101 Life Safety Code
CEC T20 Compliant

Warranty

Fixture: 5 Years Full
Battery: 2 Years Full, 8 Years Pro-Rata

ACCESSORIES

PMCW	12^1/$_2$" Pendant Mounting Kit (White)
PMCB	12^1/$_2$" Pendant Mounting Kit (Black
WGLX	Wire Guard (Wall Mount)
WGLXC	Wire Guard (Ceiling Mount)
WGLXE	Wire Guard (End Mount)

ORDERING GUIDE

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Model	Faces	Letter Color	Finish	Operation	Self-Diagnostics	Options
	S Single	**R** Red	**W** White	**Blank** AC Only	**Blank** None	**2C** 2-circuit operation[2,5]
	D Double	**G** Green	**B** Black	**E** Emergency	**I** Spectron Self- Test/Self-Diagnostic Electronics[1]	**FAP** Fire alarm panel interface[1,3,5,6]
			BN Black with Brushed Face			**FM** Flasher module[1,6]
			WN White with Brushed Face			**AF** Audible/Flasher module[1,6]
						DC Remote DC operation[2,4,5]
						24K 220-240VAC, 60Hz. operation
						VTR Vandal/tamper resistant option[7]

1. For use with Spectron® self-diagnostic models only
2. For use with AC models only
3. Operates with 24 volt AC or DC fire alarm panels
4. For emergency illumination of sign from remote 6-24 VDC power sources
5. DC option may not be specified with 2C or FAP options
6. AF, FM and FAP options may not be specified together
7. Provides polycarbonate face shield and tamper-proof screws. Meets UL listing requirements for floor proximity use

HUBBELL **HUBBELL** Lighting

SPECIFICATIONS

Electronics

A nickel-cadmium battery is supplied with master exits and comes with a solid state constant current type charger. Transfer to emergency operation is completely automatic upon failure of utility AC voltage. Units also have a built-in protection for transformer isolation, surge, transient and low voltage disconnect. Emergency operation shall be provided for a minimum of 90 minutes. Full battery recharge occurs in compliance with UL 924 specifications. A universal 120/277 VAC, 60Hz input transformer, test switch and long life AC pilot light are all provided standard. Exit signs must comply with all UL 924 and NFPA 101 Life Safety Code requirement.

Standard Features Include
- High-strength cast aluminum construction
- Compact, low-profile style
- Red and Green letters
- Break out chevron directional arrows
- Wide range of options including vandal/tamper-proof

Master Signs
- Single and double face models
- End, ceiling or wall mounting
- Push-in wiring connectors provided
- Fully automatic, solid-state charger
- All emergency components mount inside exit housing
- Operates for a minimum of 90 minutes
- Test switch and AC-On indicator
- Models available with Spectron® self-testing/self-diagnostic electronics

Remote Signs
- Beveled, low-profile design meets ADA requirements
- Mounts to standard electrical boxes
- VTR acrylic shield option provides enhanced damage resistance and meets UL Listing requirements for floor proximity use.

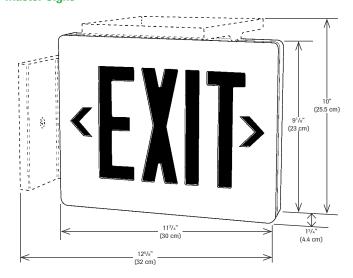### Operating Temperature Range

Standard: 68˚F to 86˚F (20˚C to 30˚C)

POWER COMSUMPTION

Model	120 VAC	277 VAC
Red AC Only	2.6 Watts	2.6 Watts
Green AC Only	2.1 Watts	2.1 Watts
Red Emergency	3.8 Watts	3.8 Watts
Green Emergency	3.5 Watts	3.5 Watts

Note: Wattage figures include LED lamps, transformer and electronics power requirments. LED lamp assemblies (red or green) consume less than 1 watt.

DIMENSIONS

Master Signs

Remote Signs

HUBBELL Lighting

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