

GENERAL DESCRIPTION

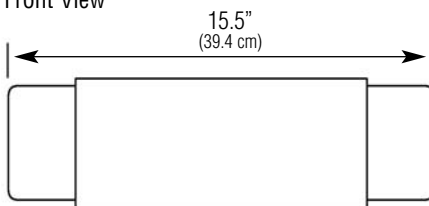
The Symmetry Series emergency lighting is a reliable, economical, contemporary emergency lighting product suitable for wall or ceiling mounting (requires canopy accessory for ceiling mounting). Integral, adjustable lamps will provide efficient emergency lighting, and will not detract from the aesthetics or design of retail, office or commercial spaces. The Symmetry Series meets the Buy American requirements.

ILLUMINATION

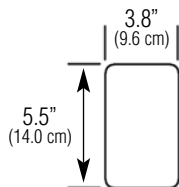
Illumination is provided by two high performance lamp reflector systems integral to the housing. Each lamp reflector system can be adjusted 180° vertically, and 180° horizontally. A high-impact polycarbonate diffuser utilizes linear frosted sections to control sight-line glare, and maximize reflector efficiency. Lamp wattages range from 6 to 9 W.

DIMENSIONS

Front View



Side View



Dimensions are approximate and subject to change.

Symmetry Series

Contemporary Emergency Lighting

6 Volt, 12 - 18 Watt Units

Sealed Lead Calcium or Nickel Cadmium Battery

HOUSING

Constructed of impact resistant, UL 94 V-0, 5 VA thermoplastic.

White housing is standard, with an optional black housing available.

Thermoplastic backplate is provided with matching knockouts for easy installation to standard junction boxes.

Installation is further simplified by the use of a snap-together backplate and housing.

A modular plug-in wiring harness will allow line voltage connections in either the junction box or product housing.

Utility supply connection is completed by snapping the housing and backplate together forming a secure mechanical and electrical connection. Batteries are factory installed, and do not require connection prior to energizing the input.

ELECTRONICS

120/277 VAC dual voltage input with surge-protected, solid-state fully-automatic, voltage regulated charger.

Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.

ELECTRICAL SPECIFICATIONS

Input power requirements

12 watt unit:

0.112 amps (120 VAC), 0.062 amps (277 VAC)

14 - 18 watt unit:

0.077 amps (120 VAC), 0.034 amps (277 VAC)



SHOWN: S12LT6W

BATTERY

Maintenance free, sealed lead calcium battery provides 90 minutes of emergency power and has an estimated service life of 5 years when operated at an ambient temperature of 65°F (19°C) to 85°F (30°C).

An optional maintenance free, sealed nickel cadmium battery is available and has an estimated service life of 10 years.

CODE COMPLIANCE

UL 924 listed

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

Meets ADA specifications for wall mounted lighting fixtures

WARRANTY

Three year full electronics warranty

One year full plus four year prorated lead calcium battery warranty

Five year full plus five year prorated nickel cadmium battery warranty

ORDERING INFORMATION (EXAMPLE: S12LT6W)

S	[]	[]	[]
SERIES	BATTERY/ WATTAGE	LAMP TYPE¹	HOUSING COLOR
S = Symmetry Series Thermoplastic Emergency Lighting Unit	<u>Lead Calcium</u> 12L = 12 Watt Unit 18L = 18 Watt Unit <u>Nickel Cadmium</u> 12N = 12 Watt Unit 14N = 14 Watt Unit 18N = 18 Watt Unit	T6 = Tungsten 6W T7 = Tungsten 7W T9 = Tungsten 9W H7 = Halogen 7W	W = White B = Black
NOTES: 1) Selected lamp wattage cannot exceed unit output rating.			

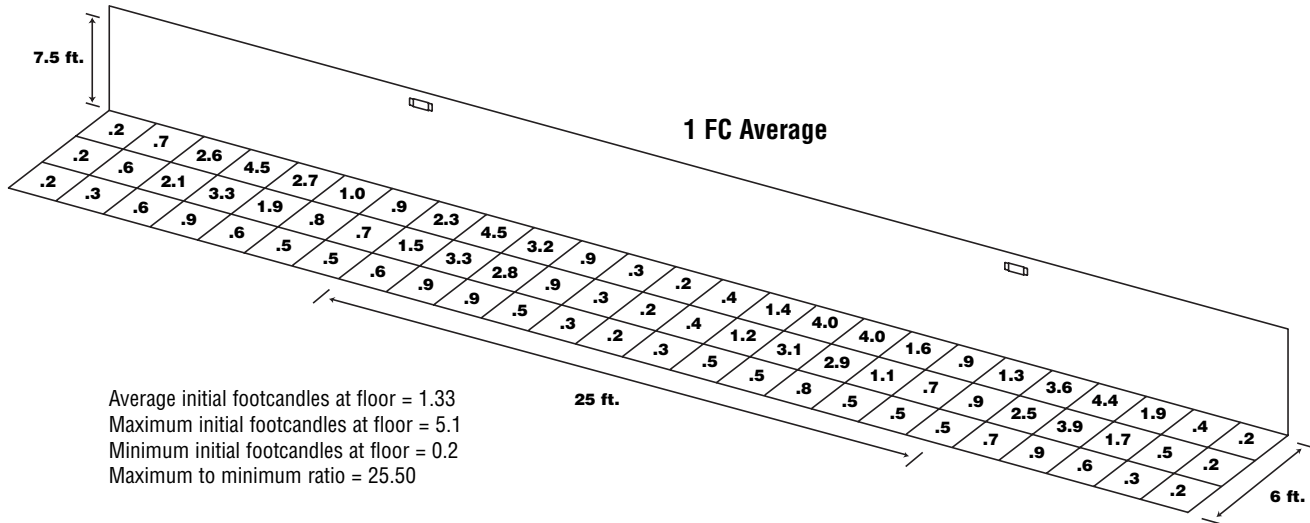
ACCESSORIES (order as a separate line item)

SCKTW = White Canopy Kit for Ceiling Mount
SCKTB = Black Canopy Kit for Ceiling Mount
WG5 = Wire Guard
PCS1 = Polycarbonate Vandal Shield

Specification Data for Symmetry Series 6 Volt, 12 to 18 Watt Emergency Lighting Unit

OPTICS*

Wall mounted 7.5' AFF, 'H7' 6 Volt 7 Watt Halogen Lamps Represented



Average initial footcandles at floor = 1.33
 Maximum initial footcandles at floor = 5.1
 Minimum initial footcandles at floor = 0.2
 Maximum to minimum ratio = 25.50

* The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. Chloride is not responsible for site specific conditions that may alter the results.

SUGGESTED SPECIFICATION

Furnish and install Chloride's decorative emergency lighting model _____. The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and must be installed to conform to Article 700 of the National Electrical Code (NEC).

INSTALLATION AND OPERATION - Unit 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. Upon utility power failure or brownout, the unit shall automatically provide emergency battery power and maintain the stated illumination level and output wattage for a minimum period of 90 minutes. Upon restoration of utility power, the charging circuitry shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

CHARGING CIRCUITRY - Unit shall utilize either a fully automatic, voltage regulated (lead calcium) or constant current (nickel cadmium) charging system. The charging system shall maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: low voltage disconnect (LVD), brownout protection and AC lockout.

BATTERY - The battery shall be either maintenance free, sealed lead calcium or sealed nickel cadmium. The sealed lead calcium battery shall provide trouble-free operation in temperatures up to 85°F (30°C) and are supplied with a one year full warranty. Nickel cadmium batteries are supplied with a five year full warranty.

ILLUMINATION - Illumination is provided by two internally mounted, fully adjustable reflector systems utilizing either a high output tungsten, or tungsten halogen lamp source. Reflectors shall be constructed of a high efficiency parabolic lamp chamber which can utilize lamp wattages up to 9 watts.

HOUSING - Housing construction shall be impact resistant UL 94 V-0, 5 VA rated thermoplastic. Product shall be furnished with the standard white, or black finish. Units shall be designed to mount to 3 1/2", 4" octagon, or 4" square junction boxes and will be supplied with a knockout pattern to facilitate mounting. Modular utility supply connectors integral to the backplate and housing shall eliminate hardwire line voltage terminations inside of the product housing. The housing and backplate shall snap together without the use of tools, and shall contain a factory installed battery which does not require internal connection prior to energizing the product.



CHLORIDE
SYSTEMS

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