



HL-95/105 Series Commercial Emergency Unit

Description

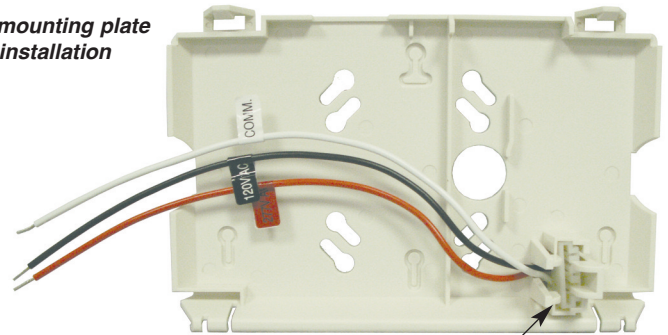
Economical emergency lighting unit features low profile silhouette and high output MR16 halogen lighting heads. Unique mounting plate allows fast, easy installation.

Features

- Compact, low profile design
- May be wall or ceiling mounted
- UV stable thermoplastic housing in neutral cream finish
- Optional black finish
- Universal mounting plate with plug-in connector for ease of installation
- Fully adjustable, MR16 halogen lighting heads
- Maintenance-free lead calcium battery
- 90 Minutes of emergency illumination
- Universal 120/277VAC input
- Fully automatic, temperature compensating, variable rate float charger standard
- Automatic low voltage battery disconnect protects battery from deep discharge
- Automatic brownout protection
- AC lockout feature reduces installation time
- Optional self-diagnostic circuit available
- Momentary test switch and AC ready indicator
- Meets NFPA Life Safety Code 101, NEC, OSHA, State and local Codes
- UL924 listed
- UL Damp Location listed



Universal mounting plate facilitates installation



Plug-in connector makes all AC connections to unit

Ordering Guide

Model No.	Volts	Watts For 1 1/2 Hrs.	Watts For 2 Hrs.	Watts For 3 Hrs.	Watts For 4 Hrs.	Standard Lamp	Weight (Lbs.)
HL-95	6	12	--	--	--	5W Hal. (-129)	4
HL-105	6	22	17	12	--	5W Hal. (-129)	6

NOTE: All product specifications shown are subject to change without notice.

Options⁽¹⁾⁽²⁾

Add Suffix	Description
-B	Black Finish
-SX	Self-Diagnostic Circuit

(1) Other options available. Consult factory.

(2) Some options may impact product UL listing. Consult factory.

Matching single and double remote lighting heads available



Specifier Reference

Project: _____

Fixture Type: _____

Model No.: _____

Comments: _____

Accessories

Order Model	Description
PG-5	Wire Guard
VERS	Vandal/Environmental Shield
VERS-4X	Vandal/Environmental Shield with Gasket
906-W-129	Matching Remote Head-Single (6V, 5W MR16)
907-W-129	Matching Remote Head-Double (6V, 5W MR16)

Construction

Housing and Lighting Head Assemblies: Housing and fully-adjustable lighting heads are constructed of impact resistant, UV stable, flame-rated thermoplastic in matching neutral cream finish.

An optional black (-B) unit finish is available, see Options on front for ordering details.

Installation

Mounting: Units may be wall or ceiling mounted. A universal mounting plate is provided for attachment to standard 3 1/2" and 4" electrical boxes. Unit simply plugs into installed mounting plate and is secured by built-in locking tabs.

Wiring: A plug-in connector with pigtail leads is provided as part of the universal mounting plate. All AC connections to the unit are made when the housing is plugged into the mounting plate.

Illumination

High output MR16 halogen lamps provide glare-free light distribution.

Lamp Type: Halogen - MR16

Lamp Rating: 6 volts, 5 watts

Lamp Life: 2,000 hours (expected average)

Code Information

All models are UL924 and Damp Location Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes

Charger and Electronics

Charger Type: Fully automatic, temperature compensating, variable rate float charger

Utility Input: 120/277VAC, 60 Hz.

Power Consumption: 15 watts (maximum)

Temperature Range: 32°F to 104°F (0°C to 40°C)

Recharge Duty Cycle: 24 hours

Load Transfer: A solid state transfer circuit provides load connection.

Controls: Momentary test switch and LED AC-On indicator light

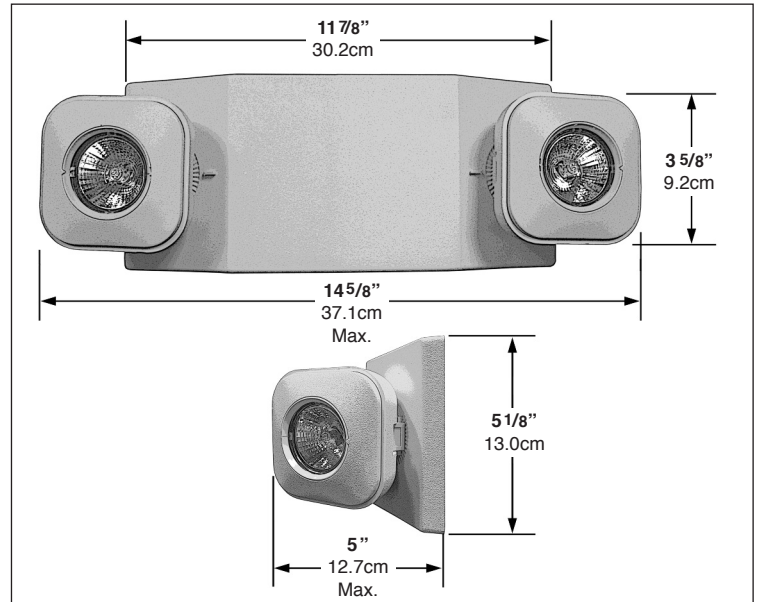
Safety Circuitry:

AC Lockout: Prevents battery discharge prior to initial unit power-up saving installation time.

Low Voltage Battery Disconnect: Protects the battery from being severely damaged by deep discharge during prolonged power failures.

Brownout Protection: Automatically switches the unit to emergency mode when utility voltage is reduced to the point at which most fluorescent light fixtures would extinguish.

Dimensions



Emergency Operation

Upon failure of the normal utility power, a solid-state transfer switch automatically connects the unit's battery to the emergency lamps. Emergency illumination will be supplied for a minimum of 90 minutes. During emergency operation, the unit battery is protected from severe discharge damage by an automatic low voltage disconnect circuit that discontinues unit operation when battery voltage reaches 87.5% of nominal. When normal utility power is restored, the battery is automatically disconnected from the load and a recharging cycle begins that will return the battery to full capacity within 24 hours.

Optional Self-Diagnostic Circuit

The optional SX self-diagnostics circuit automatically performs a 15-minute diagnostic/discharge test of the unit every 30 days. The SX circuit checks for proper battery capacity and emergency lamp operation. Malfunction of the battery or lamp(s) detected during diagnostic cycles will be indicated by the units LED status indicator.

Battery

Standard Battery: Sealed lead calcium maintenance free battery designed to provide many years of dependable service.

Warranty

Unit: (excluding lamps) 3-years full coverage against defects in materials and workmanship from date of shipment

Battery: 3 years full warranty plus an additional 7 years of pro-rata coverage