

CH-ESM



Job/Location: _____
 Contractor: _____
 Prepared By: _____

Job Type: _____
 Date: _____



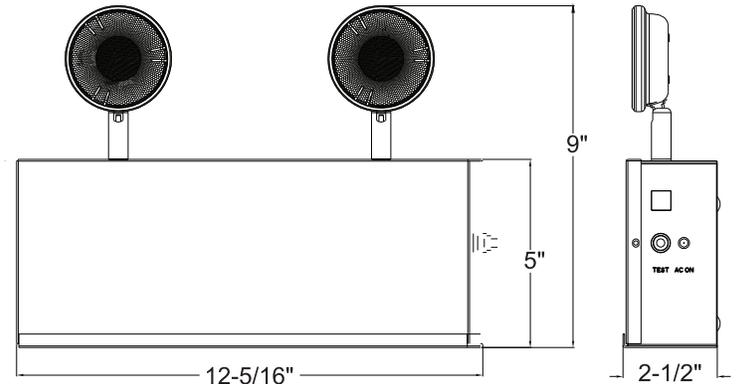
■ specifications: internal

The **CH-ESM** is configured with 120/277V input and a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. Charger status is easily determined via a dual diagnostic LED display.

■ specifications: external

The **CH-ESM** is constructed with a 20 gauge steel cabinet in a white or black finish. Terminal connectors allow for larger gauge wires to be connected for remote loads. The universal mounting pattern stamped into the back of the unit allows for direct mounting to various conduit boxes. Side and top knockouts for conduit feed applications are supplied standard, providing the widest range of options for AC power source connection. UL Listed for Damp Locations (20°C – 50°C standard).

■ dimensions



■ ordering logic

EXAMPLE: CH-ESM-612-2LED3.3W-WHT

Series	Operation	Capacity	Emergency Heads	Finish
CH-ESM	6 (6V)	12 (12W)	2LED3.3W	BLK (black finish) WHT (white finish)

NOTE 1: Remote capable (5.4W).

■ emergency heads

The **CH-ESM** is supplied with two fully adjustable, ultra-bright, 3.3W LED lamp heads. Each lamp head contains 3@1.1W LEDs in a metal housing with an engineered polycarbonate lens. The **CH-ESM** unit delivers 60 ft on-center spacing from 335 lumens bright white output. 5.4W Remote capacity is standard. Compatible with BRH indoor and outdoor LED remote lamps.

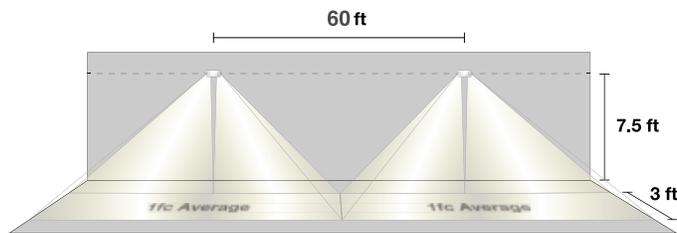
■ specifications: electrical

BATTERY: The **CH-ESM** uses a 6V maintenance-free, sealed lead calcium battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is 24 hours.

CIRCUIT: An internal solid-state relay automatically transfers power from AC to DC during a mains failure. The fully automatic, dual rate charger properly controls both the charge and discharge of the battery. A low voltage disconnect feature prevents the battery from experiencing a deep discharge. 120/277V input.

■ photometrics

Using multiple **CH-ESM** units mounted at a typical 7.5' height delivers 60' on-center spacing with a 3' wide path of egress.



Disclosure:
Spacing is measured in lab conditions with an assumed open space, no obstructions and reflection rates of 80 (ceiling)/50 (walls)/20 (floor). Actual spacing may vary depending on what environment the fixture is installed in.

■ specifications: mechanical

The **CH-ESM** provides a compact, powerful emergency lighting solution. The durable 20 gauge housing is finished in a white or black powder coat paint. The universal mounting pattern allows for direct mounting to various junction boxes. The side and top located knockouts make for convenient conduit connection. The top mounted metal LED emergency heads are fully adjustable and can be locked in position once aimed.

■ warranty

The **CH-ESM** comes with a 5-year factory warranty. Battery is prorated for two years. Deliberate damage, misuse, improper installation effectively cancel the warranty.