

# 5000 SERIES

## 5000 Series

### FEATURES

- Compact, completely self-contained units
- Fully automatic operation, door is operated by 12 volt DC motor with integral gear head.
- Choice of 90 minute, 2 hour, or 4 hour operation. 90 minute run standard. Contact factory for lamp availability at 2 and 4 hour run times.
- 3000 hour, MR-16 with GU-10 bi pin twist lock base quartz halogen lamps virtually eliminate the need for replacement. Fully adjustable 12, 20, 35, 50, or 75 watt quartz halogen lamps are available.
- Long-life, 12 volt sealed lead calcium recombinant battery is standard. Optional nickel cadmium batteries are available.
- Optional remote test switch, test light and charge indicator are available.
- Fully automatic solid-state charger with universal transformer (120/277 volt) is standard. Optional 347 volt transformer is available.
- Designed for wall or ceiling installations, including gypsum board, plaster, concrete, brick, or acoustical tile applications, the 5000 can be installed in any application.
- Standard, white powder coat finish no minimum order required to manufacture customized paint, wallpaper, fabric, metals (bronze, pewter, brushed aluminum) or apply custom colors.
- Self-Diagnostic controls are available, see option section for details.



### BENEFITS

The Concealite 5000 Series of emergency egress lighting fixtures offers a unique combination of aesthetic appeal, superior performance, and exceptional engineering.

These compact, virtually invisible emergency lighting fixtures preserve the integrity of the architectural design while meeting all national and state code requirements. In new construction or remodeling, wall or ceiling installation, Concealite fixtures work with your design – no matter what materials you're using.

\*For photometric data and back box dimensions refer to the technical section of the catalog.



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## Installation

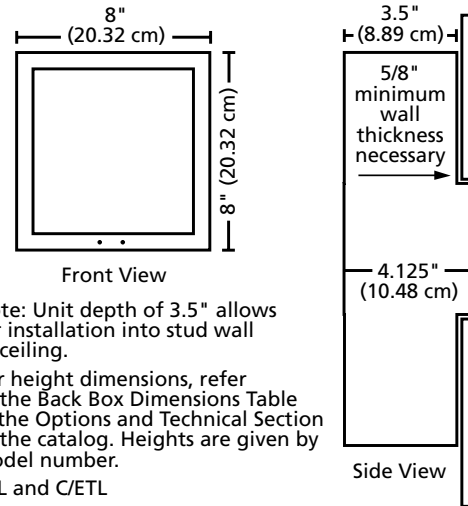
This Standard System fixture utilizes a recessed flange for flush mounting in either a wall or ceiling. This unit requires a 7.25" (18.42 cm) high X 6.75" (17.15 cm) opening in the wall or ceiling mounting location. For new projects, a single enclosure is provided. The single enclosure is mounted before the wall or ceiling material is installed. Normal power (120/277 volts) and (optional) remote test module connections to the unit are made through conduit knockouts on the recessed enclosure. The door, lamp, and motor drive assembly is inserted into the recessed enclosure. The assembly is then secured in place with 2 concealed bolts that allow for adjustment to the wall or ceiling thickness. For complete installation and operation instructions, please refer to the instruction sheet included with each shipment. For retrofits, a multi-section modular enclosure is available. See options and technical data section for details.

## Product Specification

The emergency lighting unit shall be Concealite Series 5000 and will conform to UL Standard #924 and be installed in accordance to Article 700 of the National Electrical Code. The unit will be stored in a retracted position during normal power conditions. Upon the loss of utility power, the unit will be deployed into the open position and the lamps energized. Restoration of utility power will cause the unit to retract to the stored position and the lamps extinguish. The unit will provide emergency lighting for a minimum of 90 minutes. The unit shall be constructed of cold rolled steel. Motor shall be a 12 volt sealed permanent magnet type with a 30 year service life. The electronics shall be a solid state design. The maximum power draw is no more than 15 watts. The charger will include LVD and brownout circuits. Unit will be rated at 120/277 volts, 60hz (347 volt optional). The unit shall have an integral test switch and pilot light to indicate charge rate. Lamps shall be MR-16 with GU-10 base.

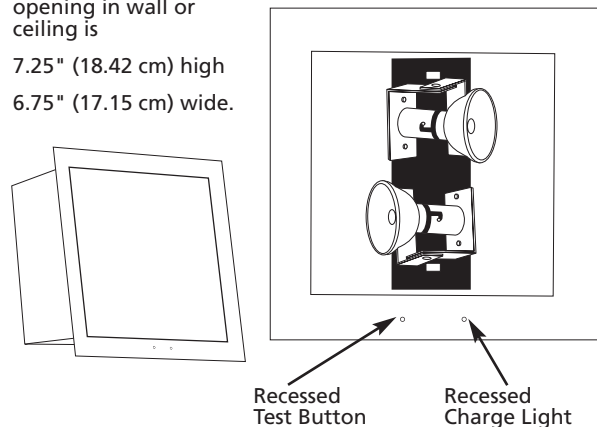
## Limited Warranty

All Concealite equipment is guaranteed against defects in materials and workmanship by the manufacturer for a period of three years from date of shipment under normal operations and proper use. Correction of all defects shall be by replacement or repair (at our option) and shall constitute fulfillment of all manufacturer's obligations. Batteries provided with the unit's equipment carry a three year full warranty with an additional 3 year pro-rated guarantee.



- Note: Unit depth of 3.5" allows for installation into stud wall or ceiling.
- For height dimensions, refer to the Back Box Dimensions Table in the Options and Technical Section of the catalog. Heights are given by model number.
- ETL and C/ETL

Required rough opening in wall or ceiling is  
7.25" (18.42 cm) high  
6.75" (17.15 cm) wide.



## Ordering Information

Series	Lamps	Hours of Operation	Options
F5 - (Flush)	12 Watt Quartz Halogen Lamps 20 Watt Quartz Halogen Lamps 35 Watt Quartz Halogen Lamps 50 Watt Quartz Halogen Lamps 75 Watt Quartz Halogen Lamps	90 - 1 1/2 Hours 2 - 2 Hours 4 - 4 Hours	RT - Remote Test Module PT - Plaster Trim SM - Surface Mount Enclosure CF - Custom Finish (Specify Color) RETRO - Multi-Section Back Box (see options and technical data section for details) TBAR - T-Bar Mounting Kit SD - Self-Diagnostic CBLK - C-block Back Box NMH - Nickel Metal Hydride Batteries NC - Nickel Cadmium Batteries

Please refer to the remote wiring section in the optional technical data section of the catalog for the number of conductors needed to control remote fixtures.

For installation in other building materials, contact factory for details.