

Innovative.
Incognito.
Ingenious.

Now Offering
EonSTAR™
TECHNOLOGIES
LED Lamps!



CONCEALITE™

LIFE SAFETY PRODUCTS

A Division of Gow Industries, Inc.

www.concealite.com

Our compact, virtually invisible emergency lighting fixtures preserve the integrity of architectural or interior designs, while meeting Code requirements. We are the very first to offer concealed emergency lighting, in fact we invented it! With over two decades of experience building and designing unique concealed fixtures, we remain the top choice for quality and cost-effective emergency lighting.

5000 Series Emergency Lighting

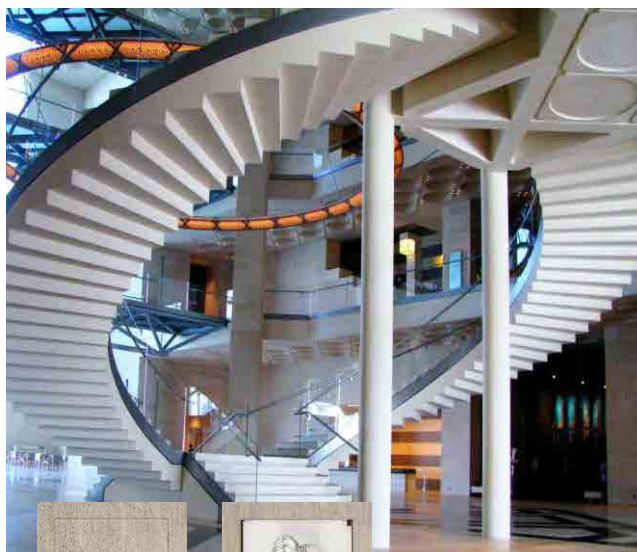
  (Self-Contained Battery System Included)

Aesthetics

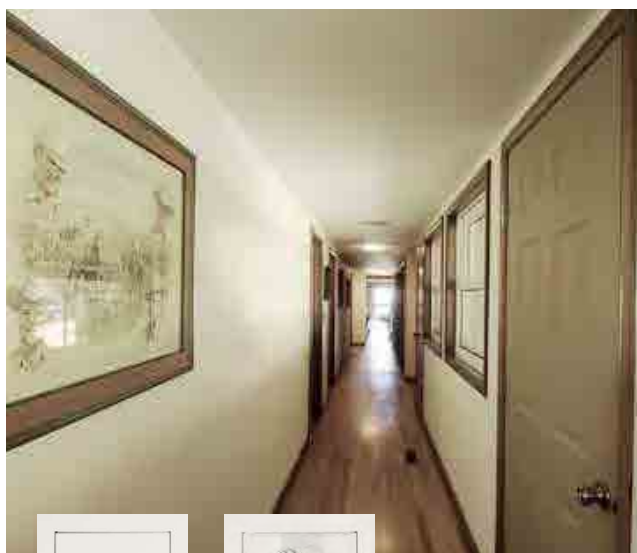
Typical emergency lighting appliances are obtrusive and interrupt the aesthetic beauty of interior designs. Concealite has applied their patented concealed technology to emergency lighting to offer a beautiful alternative to "bug eyes". Only when the system is activated do the high-powered lamps become visible, rotating 180 degrees to begin operation. The result is a clean, almost invisible installation, that does not conflict with your interiors.

Architectural Features

- Standard white powder coat finish or units can be customized in the field using paint, wallpaper, or applique finishes.
- No minimum order for factory custom powder coat finish (RAL # Required).
- Compact, completely self-contained units.
- Designed for wall or ceiling installations, including gypsum board, plaster, or acoustical tile.
- Fully automatic operation, door is operated by a 12 Volt DC motor with integrated gear head.
- Choice of standard 90 minute, 2 or 4 hour operation.
- Fully adjustable 12, 20, 35, 50, or 75 Watt quartz halogen lamps are available for up to 150 Watt output.
- 3000 hour, MR-16 with GU-10 bi-pin twist lock base.
- Long-life 12 Volt sealed lead acid recombinant battery is standard. Optional nickel cadmium batteries are available.
- Fully automatic solid-state charger with universal transformer (120/277 Volt) comes standard.
- Self-diagnostic controls are an available option.
- UL Listed.



Art Museum, Doha, Qatar



Hotel Corridor, Plano TX

5000 Series Emergency Lighting



BATTERY (Self-Contained Battery System Included)

FIXTURE SCHEDULE	FIXTURE TYPE:	PROJECT NAME/REF:
APPROVAL:	LAMP TYPE:	PROJECT LOCATION:

Installation

This fixture utilizes a recessed flange for flush mounting in either a wall or ceiling. Normal power (120/277 Volts) 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 two (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 unit.

New Projects

For new projects, a single enclosure is mounted before the wall or ceiling material is installed.

Retrofit/Remodeling Projects

For retrofit/remodeling applications a multi-section (suffix RB) enclosure is available. See options and technical data section for details.

Product Specifications

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 standard unit shall be a white powder coat finish, and can be custom finished by factory, or in the field, using paint, wallpaper or applique. 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 to extinguish. The unit will provide emergency lighting for a minimum of 90 minutes. 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 25 watts. The charger will include LVD and brownout circuits. Unit will be rated at 120/277 VAC, 60hz. The unit shall have an integral test switch and pilot light to indicate charge.

Limited Warranty

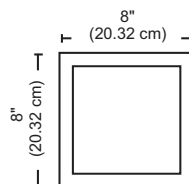
All Concealite equipment is guaranteed against defects in materials and workmanship by the manufacturer for a period of three years from date of shipment under normal operations and proper use. Correction of all defects shall be by replacement or repair (at our discretion) and shall constitute fulfillment of all manufacturer's obligations.

5000 Series



Unit Dimensions

Including Frame Dimensions

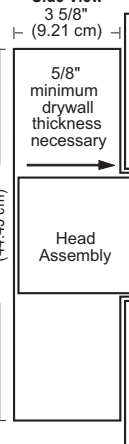


Note:

Unit requires finished opening of 7 1/4"H x 6 3/4"W.
Unit depth of 3 5/8" allows for installation into wall or ceiling.

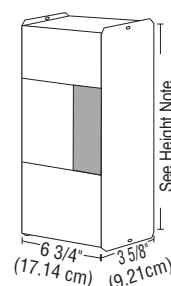
Back Box Dimensions

Side View

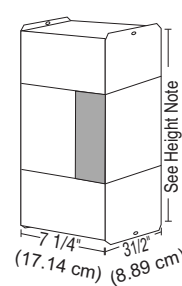


F5000

Standard (New Construction)



Retro-Fit (Install into Existing Construction)



Height Note: Back box heights are given by model number. For height dimensions, refer to the Back Box Dimensions cut sheet.

Ordering Information

Series	F5	LED45	2	OPTIONS
Type				
LED30	Two (2) EonStar LED lamps, 3 watt, 30 degree			
LED45	Two (2) EonStar LED lamps, 3 watt, 45 degree			
12	Two (2) 12 Watt Quartz Halogen Lamps			
20	Two (2) 20 Watt Quartz Halogen Lamps			
35	Two (2) 35 Watt Quartz Halogen Lamps			
50	Two (2) 50 Watt Quartz Halogen Lamps			
75	Two (2) 75 Watt Quartz Halogen Lamps			
Hours of Operation				
90	1 1/2 Hours (LED30, LED45, 12, 20, 35, 50, 75 Watt)			
2	2 Hours (LED30, LED45, 12, 20, 35, 50 Watt)			
4	4 Hours (LED30, LED45, 12, 20, 35 Watt)			
Options				

PT	Plaster Trim (required for actual plaster, not to be used for gypsum drywall).
SD	Self-Diagnostic
SM	Surface Mount Enclosure
RB	Retro Fit Back Box (See Back Box Dimensions).
TBAR	T-Bar Mounting Kit
NC	Nickel Cadmium Batteries
220	220VAC, 50HZ
CF	Custom Finish (match to an actual powder coat RAL # ONLY).
CCEA	City of Chicago Environmental Air (Formerly Chicago Plenum).

EonStar LED'S

Equivalent to 35 watt
Halogen Light Output!

RB Option:

Existing Construction Installation
Our unique to the market Retro Back Box is available that allows installation into existing Construction.



202 Elk Street, P.O. Box 160
Elkton, SD 57026
Phone: (605)542-4444
Fax: (605)542-3333
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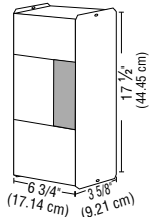
Concealite's Back Box Dimensions

Options and Technical Data

Recessed Battery Back Boxes

New Construction

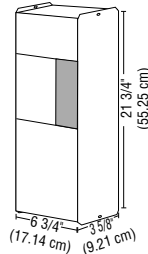
Note: R-1 fits FA100, R4000, and MX I. F5000 based on size (see below).



R-1
Lead Acid
#F5-12-90
#F5-12-2
#F5-20-90

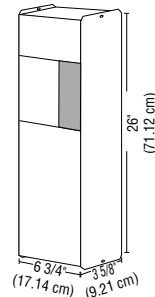
R-1
NiCad
#F5-12-90
#F5-12-2
#F5-20-90
#F5-20-2

R-1 LED's all run times.



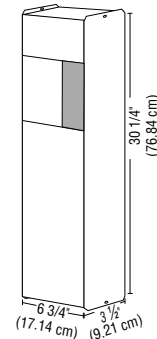
R-2
Lead Acid
#F5-12-4
#F5-20-2
#F5-35-90
#F5-35-2
#F5-50-90

R-2
NiCad
#F5-12-4
#F5-20-4
#F5-35-90
#F5-35-2
#F5-50-90



R-3
Lead Acid
#F5-20-4
#F5-50-2
#F5-75-90

R-3
NiCad
#F5-50-2
#F5-75-90



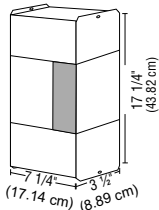
R-4
Lead Acid
#F5-35-4

R-4
NiCad
#F5-35-4

Retrofit Back Boxes

Existing Construction

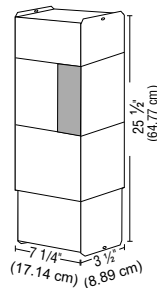
Note: Retro-1 fits FA100, R4000, and MX I. F5000 based on size (see below).



Retro-1
Lead Acid
#F5-12-90
#F5-12-2
#F5-20-90

Retro-1
NiCad
#F5-12-90
#F5-12-2
#F5-20-90
#F5-20-2

Retro-1 LED's all run times.



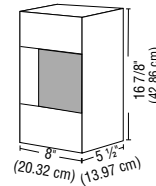
Retro-3
Lead Acid
#F5-12-4
#F5-20-2
#F5-20-4
#F5-35-90
#F5-35-2
#F5-50-90
#F5-50-2
#F5-75-90

Retro-3
NiCad
#F5-12-4
#F5-20-4
#F5-35-90
#F5-35-2
#F5-50-90
#F5-50-2
#F5-75-90

Surface Mount Back Boxes

New Construction

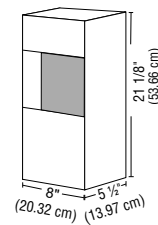
Note: SM-2 fits FA100, R4000, and MX I. F5000 based on size (see below).



SM-2
Lead Acid
#F5-12-90
#F5-12-2
#F5-12-4
#F5-20-90
#F5-20-2
#F5-20-90
#F5-35-2
#F5-50-90

SM-2
NiCad
#F5-12-4
#F5-20-4
#F5-35-90
#F5-35-2
#F5-50-90

SM-2 LED's all run times.



SM-4
Lead Acid
#F5-20-4
#F5-35-4
#F5-50-2
#F5-75-90

SM-4
NiCad
#F5-35-4
#F5-50-2
#F5-75-90



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