Innovative.
Incognito.
Ingenious.

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

(UL) (□) (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 (U.S. 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.
Long-life 12 Volt sealed lead acid recombinant battery is standard. Optional nickel cadmium batteries are available.
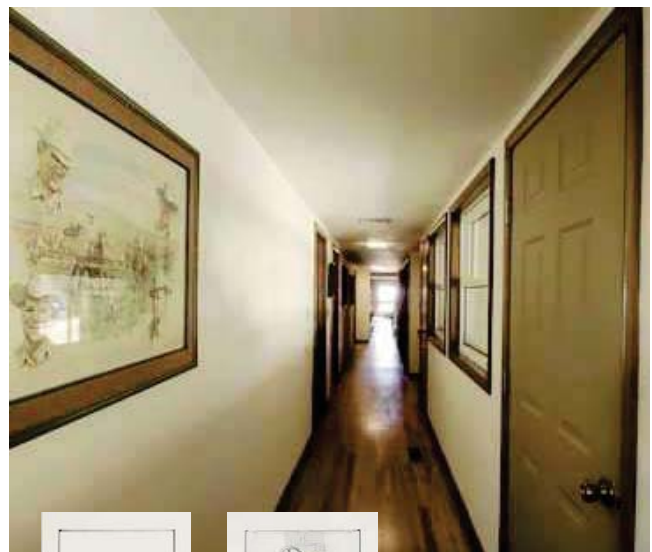Fully automatic solid-state charger with universal transformer (120/277 Volt) comes standard.
Self-diagnostic controls are an available option.
UL Listed.
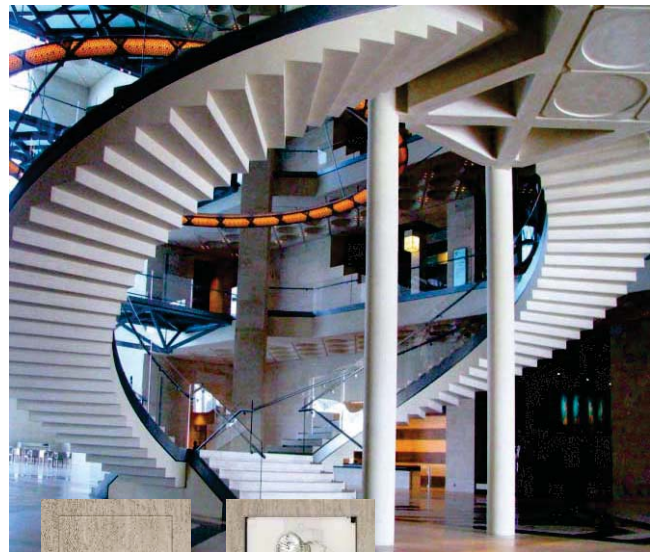
Art Museum, Doha, Qatar

Hotel Corridor, Plano TX

v.022118–F5

5000 Series Emergency Lighting

BATTERY (Self-Contained Battery System Included)

Installation

This fixture utilizes a recessed flange for flush mounting in either a wall or ceiling. Normal power (120/277 Volt) 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.
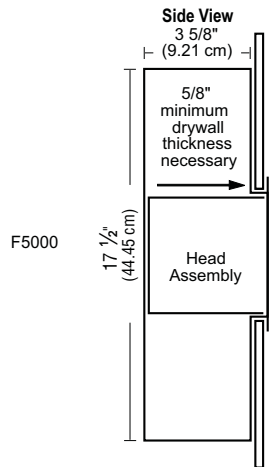
© 2010 Concealite Life Safety Products

5000 Series
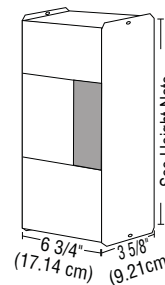
Unit Dimensions
Including Frame Dimensions

8" (20.32 cm)
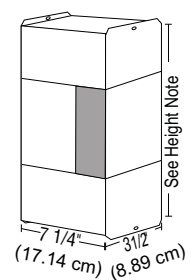
8" (20.32 cm)
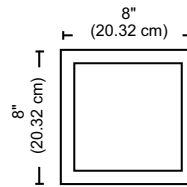
Note:
Unit requires finished opening of 7 1/4"H x 6 3/4"W.
Unit depth of 3 5/8" allows for installation into wall or ceiling.

Back Box Dimensions

Side View
3 5/8" (9.21 cm)

5/8" minimum drywall thickness necessary

F5000

17 1/2" (44.45 cm)

Head Assembly

Standard
(New Construction)

See Height Note

6 3/4" (17.14 cm)   3 5/8" (9.21cm)

Retro-Fit
(Install into Existing Construction)

See Height Note

7 1/4" (17.14 cm)   3 1/2 (8.89 cm)

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

Ordering Information

| F5 | LED45 | 2 | OPTIONS |

Series
F5000

Type

LED6.5	Two (2) EonStar LED lamps, 6.5 watt, 38 degree
LED45	Two (2) EonStar LED lamps, 3 watt, 45 degree
12	Two (2)12 Watt Quartz Halogen Lamps Two
20	(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	1½ Hours (LED6.5,LED45,12, 20, 35, 50, 75 Watt)
2	2 Hours (LED6.5,LED45,12, 20, 35, 50 Watt)
4	4 Hours (LED6.5,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 Please Note U.S. RAL# Required.
CCEA	City of Chicago Environmental Air (Formally Chicago Plenum).

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

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202 Elk Street, P.O. Box 160
Elkton, SD 57026
Phone: (605)542-4444
Fax: (605)542-3333
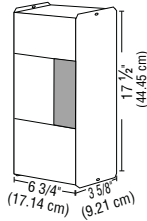www.concealite.com

Concealite's Back Box Dimensions
Options and Technical Data

Recessed Battery Back Boxes

New Construction

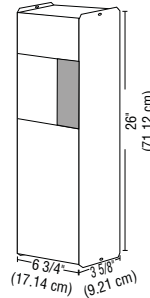Note: R-1 fits FA100, R4000, and MX I. F5000 based on size (see below).

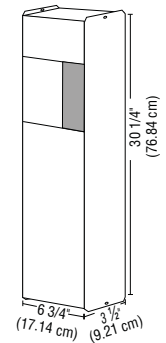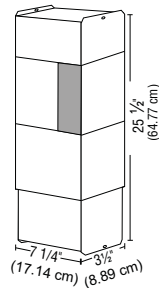| R-1 Lead Acid	R-1 NiCad	R-2 Lead Acid	R-2 NiCad	R-3 Lead Acid	R-3 NiCad	R-4 Lead Acid	R-4 NiCad
#F5-12-90	#F5-12-90	#F5-12-4	#F5-12-4	#F5-20-4	#F5-50-2	#F5-35-4	#F5-35-4
#F5-12-2	#F5-12-2	#F5-20-2	#F5-20-4	#F5-50-2	#F5-75-90		
#F5-20-90	#F5-20-90	#F5-35-90	#F5-35-90	#F5-75-90			
	#F5-20-2	#F5-35-2	#F5-35-2				
		#F5-50-90	#F5-50-90				
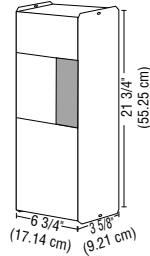
R-1 LED's all run times.

Retrofit Back Boxes

Existing Construction

Note: Retro-1 fits FA100, R4000, and MX I. F5000 based on size (see below).
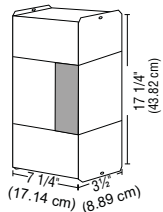
Retro-1 Lead Acid	Retro-1 NiCad	Retro-3 Lead Acid	Retro-3 NiCad
#F5-12-90	#F5-12-90	#F5-12-4	#F5-12-4
#F5-12-2	#F5-12-2	#F5-20-2	#F5-20-4
#F5-20-90	#F5-20-90	#F5-20-4	#F5-35-90
	#F5-20-2	#F5-35-90	#F5-35-2
		#F5-35-2	#F5-50-90
		#F5-50-90	#F5-50-2
		#F5-50-2	#F5-75-90
		#F5-75-90	

Retro-1 LED's all run times.

Surface Mount Back Boxes

New Construction

Note: SM-2 fits FA100, R4000, and MX I. F5000 based on size (see below).
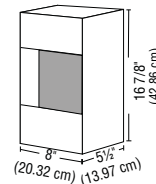
SM-2 Lead Acid	SM-2 NiCad	SM-4 Lead Acid	SM-4 NiCad
#F5-12-90	#F5-12-4	#F5-20-4	#F5-35-4
#F5-12-2	#F5-20-4	#F5-35-4	#F5-50-2
#F5-12-4	#F5-35-90	#F5-50-2	#F5-75-90
#F5-20-90	#F5-35-2	#F5-75-90	
#F5-20-2	#F5-50-90		
#F5-20-90			
#F5-35-2			
#F5-50-90			

SM-2 LED's all run times.

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Elkton, SD 57026
Phone: (605)542-4444
Fax: (605)542-3333
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