



## Revelation™ Series

Visually invisible and architecturally designed Emergency Lighting



### Features

- Fully concealed in open cavity walls or ceiling
- Only visible when needed: during a power failure
- Each unit comes with two (2) MR16 halogen lamps ranging from 12 to 50W each or 2 MR16 style LED lamps
- The Self-Powered unit is contained in a heavy-duty galvanized steel back box that can be concealed in the wall or ceiling and includes a combined test switch and pilot light that is accessible through the frame
- The normally exposed parts of the unit (flat door and frame) are covered with a high-quality powder-coated, textured off-white finish that integrates well with most wall and ceiling paints. The surface finish can also be customized on site with paint, wallpaper or other coverings
- Power requirements: 120/277VAC, 60Hz, 0.25/0.12A
- PulsePlus Charger circuitry offers 120/277VAC 60Hz, 0.25/0.12A, automatic charger, built around a microprocessor integrated circuit. Circuit standard features include current limiting, temperature-compensated cut-off voltage, brownout transfer, low-voltage battery disconnect and battery lock out (prevents activation in DC mode until initial AC activation)
- Special bar hangers for installation in sheet rock or T-bar ceilings are included. The included electrical junction box can be installed on a wall stud or ceiling beam with a simple U-shape bracket
- 5-year warranty on electrical parts (motor, electronic circuitry). Each unit is fully computer-tested and aligned mechanically for optimum operation  
Detailed warranty terms located at: [www.emergi-lite.com/usa/files/EL\\_Warranty.pdf](http://www.emergi-lite.com/usa/files/EL_Warranty.pdf)

### Diagnostic/Self Test Feature (optional)

Diagnostic/Self-Test circuitry is optional on all Self-Powered models. This circuitry is programmed to ensure equipment readiness and reliability by continuously monitoring every critical function of the unit. If a problem occurs, the pilot light located on the front of the unit will change color from solid green to flashing red, indicating a fault. A detailed diagnostic legend is available on the door back and provides fault identification (battery, charger circuitry, lamps) for maintenance personnel. The self-test feature will simulate a power loss for a minimum of 30 seconds every 30 days, 30 minutes every 6 months and 90 minutes annually.

### Power Consumption

Model	Maximum		Stand-By*	
	Input Current	Input Power	Input Current	Input Power
120V	0.25A	30W	0.1A	11W
277V	0.12A	30W	0.05A	11W

\* Stand-by power consumption is 50% lower for Lead-Calcium batteries.

### How to Order

#### Battery Unit

SERIES	BATTERY TYPE	UNIT CAPACITY	LAMP TYPE/WATTAGE		OPTIONS	
RT	M= Lead-Cadmium N= Ni-Cd	40= 12V-40W 70= 12V-70W 100= 12V-100W	-2(12)= 12W, MR16 each head -2(20)= 20W, MR16 each head -2(35)= 35W, MR16 each head -2(50)= 50W, MR16 each head -2(20H)= 20W, MR16 high lumen output -2(35H)= 35W, MR16 high lumen output	-2(50H)= 50W, MR16 high lumen output -2(LG)= 12V-4W, MR16 LED -2(LJ)= 12V-5W, MR16 LED -2(LJ)= 12V-6W, MR16 LED	AD= Advanced Diagnostics (audible)* ADNA= Advanced Diagnostics (non-audible)* DL= Damp Location**	D1= Time Delay (5 minutes) D2= Time Delay (10 minutes) D3= Time Delay (15 minutes) X= Back box shipped separately

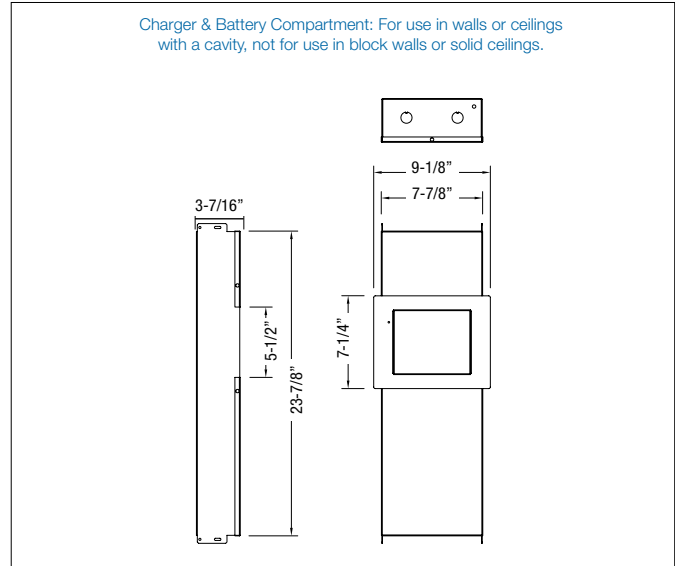
Example: RTM100-2(50)-D3

#### AC Remote Fixture

SERIES	INPUT VOLTAGE	# OF LAMPS	LAMP TYPE/WATTAGE		OPTIONS
RTG= Remote AC Generator	1= 120VAC, 60Hz 2= 277VAC, 60Hz	-2= Two lamps standard	(LG)= 12V-4W, MR16 LED (LJ)= 12V-5W, MR16 LED (LJ)= 12V-6W, MR16 LED (12)= 12W each head (20)= 20W each head	(35)= 35W each head (50)= 50W each head (20H)= 20W, high lumen output (35H)= 35W, high lumen output (50H)= 50W, high lumen output	DL= Damp Location X= Back box shipped separately

### Dimensions

Dimensions are approximate and subject to change.



### Accessories (order as a separate item)

DESCRIPTION	SUFFIX
Remote Test Switch (metal face plate)	RTS
Remote Text Switch (plastic face plate)	RTS-1

### Unit Rating

Model	Watts to 87-1/2% of rated battery voltage*			
	1-1/2 hrs	2 hrs	4 hrs	8 hrs
RTM40, RTN40	40	30	24	-
RTM70, RTN70	70	50	40	24
RTM100, RTN100	100	70	50	40

\* National Electrical Code Specification