



Mini Revelation™ Series

THE UNSEEN SOLUTION
Virtually Invisible Emergency Lighting



Specially designed for retrofitting in finished walls with a cavity (dry-wall with 4-inch studs) the **Mini Revelation Series** concealed emergency lighting equipment provides impressive illumination. In normal conditions (stand-by) the unit is completely concealed in the wall.

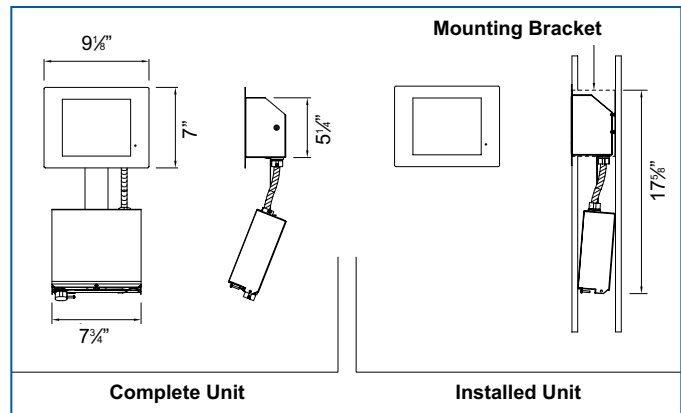


Standard Features

- Each unit comes with two (2) MR-16 halogen lamps (standard).
- The self-powered battery 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: 120/277 Vac, 60 Hz, 0.25/0.12 Amp
- PulsePlus Charger automatic charger is built around a micro-controller integrated circuit. Circuit standard features include current limiting, temperature-compensated cut-off voltage, brown-out transfer, low-voltage battery disconnect and battery lockout (prevents activation in DC mode until initial AC activation).
- The equipment includes the electrical junction box and can be installed on a wall stud or ceiling beam with a simple U-shape bracket.
- Evaluated to UL 924 Standard.
- 5-year warranty on electrical parts (motor, electronic circuitry). Each unit is fully computer-tested and aligned mechanically for optimum operation.

Outline and Dimensions

Dimensions are approximate and subject to change.



Options

- (Add Suffix to Model No.)** **Suffix**
- Damp location listing DL
(available on all models except Lead-Calcium battery)
- Advanced diagnostic (audible)..... AD
Advanced diagnostic (non-audible)..... ADNA
Time delay (D1=5, D2=10, or D3=15 minutes) D_ *
*(AD or ADNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix AD-D_ or ADNA-D_

SALES DEPARTMENT

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How to Order (example)

Series: MRT	Battery Type: M	Unit Capacity: 40	AC Input	Lamp Wattage: -2(20)	Options: ADNA
Battery Unit: MRT	M= Lead-Calcium N= Nickel-Cadmium H= Nickel-Metal Hydride	40= 12V, 40 watts	Blank= 120/277Vac	-2 (12)= 12 watts each head -2 (20)= 20 watts each head -2 (20H)= 20 watts, high lumen output -LG= 12V, 4 watt LED	AD= advanced diagnostic ADNA= advanced diagnostic, non-audible D3= time delay 15 min DL= damp location (only MRTN40, MRTH40)
Generator Unit: MRT	G= Remote AC generator	Blank= max. 100W	1= 120 Vac 2= 277 Vac	-2 (12)= 12 watts each head -2 (20)= 20 watts each head -2 (35)= 35 watts each head -2 (50)= 50 watts each head -2 (20H)= 20 watts, high lumen output -2 (35H)= 35 watts, high lumen output -2 (50H)= 50 watts, high lumen output -LG= 12V, 4 watt LED	DL= damp location

Power Consumption Chart

Model	AC Input	Maximum		Stand-By (Ni-Cd, NiMH)*	
		Input Current	Input Power	Input Current	Input Power
MRT40	120 Vac	0.25 A	30 W	0.1 A	11 W
	277 Vac	0.12 A	30 W	0.05 A	11 W
MRTG	120 Vac	0.95 A	110 W**	-	-
	277 Vac	0.45 A	110 W**	-	-

*Stand-by power consumption is 50% lower for Lead-Calcium batteries
** Maximum power when equipped with 2 x 50W lamps (generator unit)

Unit Rating Chart

Model	Watts to 87% of rated battery voltage			
	1 1/2 hrs.	2 hrs.	3 hrs.	4 hrs.
MRT_40	40	30	24	-

*National Electrical Code Specification