Mini-Revelation™ Series

The full retrofit unseen solution – 12V-40W capacities

Housing

- Galvanized steel back-box
- Easy access to internal components
- Head assembly door and trim plate powder coated in a white finish
- Finish can be customized on site with paint or wallpaper
- Choice of various 12 volt MR16 LED lamp wattages
- Complete 360° head assembly door rotation
- Slip gear mechanism protects unit and objects against forcible stops

Mounting

- Recessed wall with cavity mount (retrofit into finished wall)
- Designed to install into an 8-1/4" by 5-3/4" inch opening
- Key-hole slot for ease of installation

Electronics

- Pulse plus charger
- Low voltage disconnect
- Automatic brownout protection
- Battery lock-out
- Fused output circuit
- Standard Advanced Diagnostics
- 120/277 60Hz

Choice of sealed maintenance-free battery

- 12V lead-calcium battery
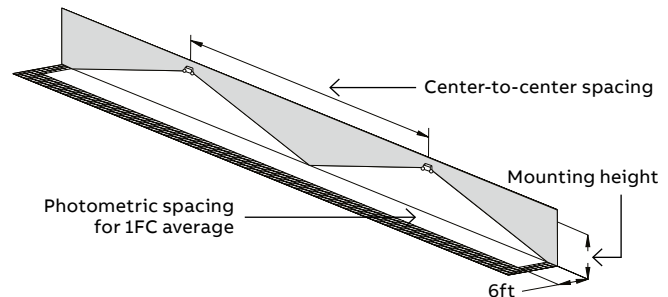- 12V nickel-cadmium battery

Approvals

- CSA-US (to UL 924 standards)
- NYC approved

Warranty

- Unit has a five-year limited warranty
  Detailed warranty terms located on page 178 or online at:
  www.emergi-lite.com/usa/files/EL_Warranty.pdf

Photometric performance

| | Spacing center-to-center (feet) | |
Lamp	7' mounting height	15' mounting height
LG	55'	43'
LI	71'	56'
LJ	100'	85'

Center-to-center spacing

Mounting height

Photometric spacing for 1FC average

6ft

Dimensions

Dimensions are approximate and subject to change.

Battery unit

Mounting Bracket

9-1/8"

7"

5-1/4"

17-5/8"

7-3/4"

Complete Unit

Installed Unit

Generator unit

9-1/8" (23.1cm)

7-1/4" (18.3cm)

3-3/4" (9.6cm)

DC voltage junction box

7-1/4" (18.3cm)

—
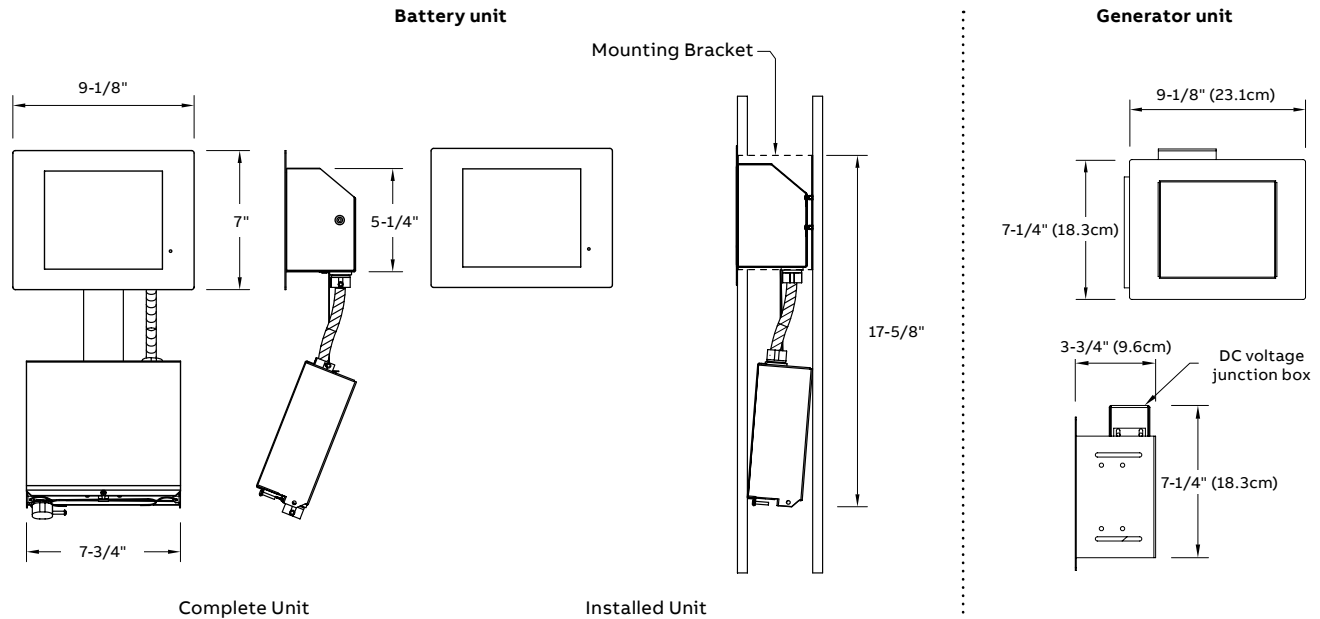
Power consumption

Model	AC input	Maximum		Stand-by (Ni-Cd, NiMH)[1]	
		Input current	Input power	Input current	Input power
MRT40	120VAC	0.25A	30W	0.1A	11W
	277VAC	0.12A	30W	0.05A	11W
MRTG	120VAC	0.95A	110W[2]	–	–
	277VAC	0.45A	110W[2]	–	–

[1]Stand-by power consumption is 50% lower for lead-calcium batteries
[2]Maximum power when equipped with 2 x 50W lamps (generator unit)

—

Unit rating

Model	Watts to 87-1/2% of rated battery voltage[1]			
	1-1/2 hrs	2 hrs	4 hrs	8 hrs
MRT-40	40	30	24	–

[1]National Electrical Code specification

—

Accessories (order as a separate item)

Description	Suffix
Remote test switch (metal face plate)	RTS
Remote test switch (plastic face plate)	RTS-1

—

How to order

Series	Battery type	Unit capacity	AC input	Lamp type/wattage	Options
Battery unit= MRT	**M**= Lead-calcium **N**= Nickel-cadmium	**40**= 12V-40W	**Blank**= 120/277VAC	**-2 (LG)**= MR16 LED, 12V-4W **-2 (LI)**= MR16 LED, 12V-5W **-2 (LJ)**= MR16 LED, 12V-6W	**-AD**= Advanced Diagnostics (audible)[1] **-ADNA**= Advanced Diagnostics (non-audible)[1] **-D3**= Time delay (15 minutes) **-DL**= Damp location (only MRTN40, MRTH40)[2]
Generator unit= MRT	**G**= Remote AC generator	**Blank**= Max. 100W	**1**= 120VAC **2**= 277VAC	**-2 (LG)**= 12V-4W, MR16 LED **-2 (LI)**= 12V-5W, MR16 LED **-2 (LJ)**= 12V-6W, MR16 LED	**-DL**= Damp location

Example: MRTM40-2(LJ)-ADNA

[1]AD & ADNA include a time delay feature that can be enabled/disabled in the field or set by the factory
[2]Available on all models except Ni-Cd 100W