

Revelation™ Series

The unseen solution – generator capable 12V up to 100W 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 mount into ceiling or wall with cavities
- Special bar hangers included for installation in sheet rock or T-bar ceilings
- Can be installed on the wall stud or ceiling beam with simple, U-shape bracket
- Head assembly includes keyhole slot and quick-connect plugs for easy installation

Photometric performance

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

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

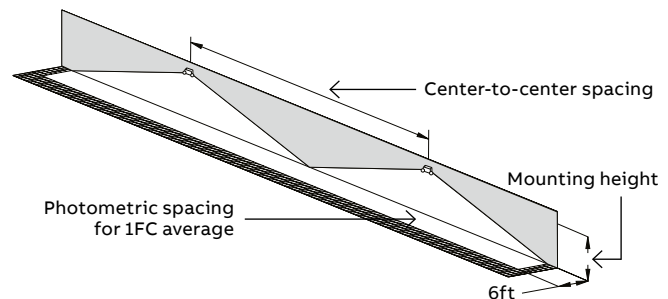
- 12V lead-calcium battery
- 12V nickel-cadmium battery

Approvals

- CSA-US (to UL 924 standards)
- NYC approved
- BC – California Energy Commission Title 20

Warranty

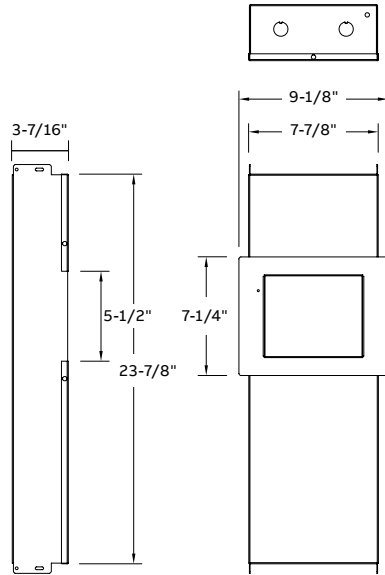
- Unit has a five-year limited warranty
- Detailed warranty terms located on page 202 or online at:
www.emergi-lite.com/usa/files/EL_Warranty.pdf



Dimensions

Dimensions are approximate and subject to change.

Charger & battery compartment:
For use in walls or ceilings with a cavity, not for use in block walls or solid ceilings.



Power consumption

Non-CEC models	Maximum		Stand-by ¹	
	Input current	Input power	Input current	Input power
120V	0.25A	30W	0.1A	11W
277V	0.12A	30W	0.05A	11W

CEC models	Maximum		Stand-by ¹	
	Input current	Input power	Input current	Input power
120V	0.25A	30W		0.79W
277V	0.12A	30W		0.79W

¹Stand-by power consumption is 50% lower for lead-calcium batteries

Unit rating

Model	Watts to 87-1/2% of rated battery voltage ¹			
	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

¹National 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 – Battery unit / AC remote fixture

Series	Battery type	Unit capacity	Lamp type/wattage	Options	Approval
RT	M= Lead-calcium	40= 12V-40W	-2 (LG)= 12V-4W, MR16 LED	AD= Advanced Diagnostics (audible) ¹	-CEC= CEC Title 20 for California ³
	N= Ni-Cd	70= 12V-70W	-2 (LI)= 12V-5W, MR16 LED	ADNA= Advanced Diagnostics (non-audible) ¹	
		100= 12V-100W	-2 (LJ)= 12V-6W, MR16 LED	DL= Damp location ² X= Back box shipped separately	

Example: RTM100-2(LJ)-D3

Series	Input voltage	Lamp type/wattage	Options
RTG= Remote AC generator	1= 120VAC, 60Hz	-2(LG)= 12V-4W, MR16 LED	DL= Damp location
	2= 277VAC, 60Hz	-2(LI)= 12V-5W, MR16 LED	X= Back box shipped separately
		-2(LJ)= 12V-6W, MR16 LED	

Example: RTG1-2(LG)

¹AD & ADNA include a time delay feature that can be enabled/disabled in the field or set by the factory

²Available on all models except Ni-Cd 100W

³Available with lead-calcium models only