

## Mini-Phantom™ Series

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



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

### Electronics

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

### Choice of Sealed Maintenance-Free Battery

- 12V Lead-Calcium battery
- 12V Nickel-Cadmium battery

### Approval

- CSA-US (To UL 924 standards)
- New York City Approved

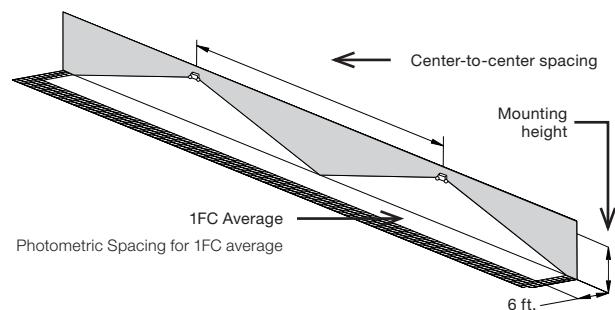
**Warranty** (subject to proper installation and maintenance)

Unit: five-year limited warranty

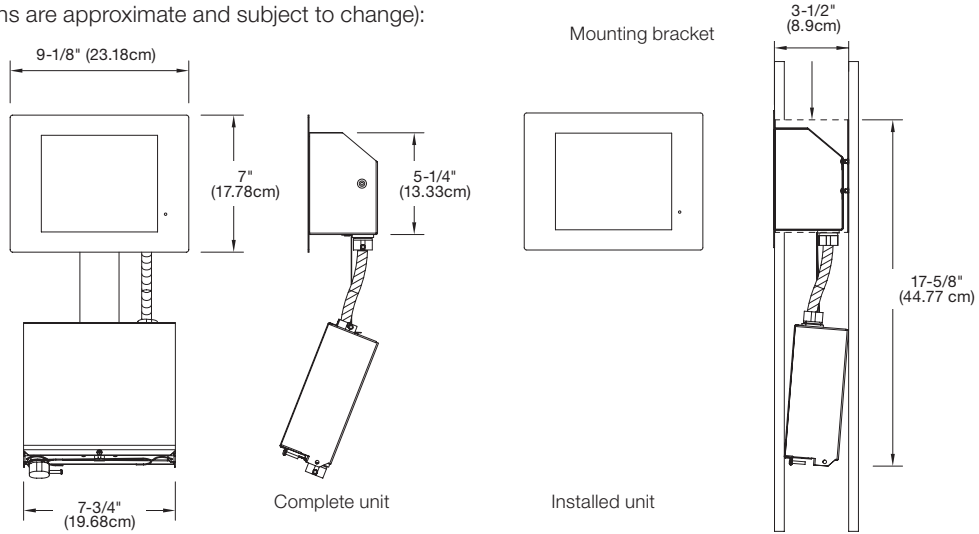
Detailed warranty terms located on **page 182** or online at: [www.lightalarms.com](http://www.lightalarms.com)

### Photometric performance

Lamp	Spacing center-to-center (feet)	
	7 feet mounting height	15 feet mounting height
LD7	49'	39'
LD9	68'	54'
LD10	89'	80'
50H	160'	171'



**Dimensions** (Dimensions are approximate and subject to change):



**Power consumption chart**

Series	Battery	Voltage	DC Specs				AC Specs				
			Battery capacity (in watts)				Units dual voltage <sup>1</sup>	Current		Power	
			90 Mins	2 Hrs	3 Hrs	4 Hrs		Maximum	Stand by	Maximum	Stand by
MPHM40	Lead-Calcium	12V	40	30	24	12	120VAC	0.25A	0.25A	30W	11W
MPHN40	Nickel-Cadmium	12V	40	30	24	12	277VAC	0.12A	0.05A	30W	11W

<sup>1</sup> Stand-by power consumption is 50% lower for Lead-Calcium Batteries

**Accessories** (Order as a separate item)

Description	Product code
Remote test switch (Metal faceplate)	PSW
Remote test switch (Plastic faceplate)	PSW-1

**Ordering format – Battery unit**

Series	Battery	Capacity	Number of heads	Lamp type	Options
MPH	M= Lead-Calcium N= Nickel-Cadmium	40= 12V-40W	-2= Two lamps	MR16 LED (LD7)= 12V-4W (LD9)= 12V-5W (LD10)= 12V-6W	Blank= No options ID= Improved Diagnostics (audible) <sup>1</sup> IDNA= Improved Diagnostics (non audible) <sup>1</sup> T3= Time delay (15 minute) DL= Damp location <sup>2</sup>

**Example: MPH40-2(LD7)DL**

<sup>1</sup> -ID & -IDNA include a time delay feature that can be enabled/ disabled in the field or set by the factory by including -ID-TD\* or -IDNA-TD\*

<sup>2</sup> Available on all models except Lead-Calcium

Note: For complete 12V, up to 20W MR16 lamp information refer to page 114 Remote Fixture, Phantom™ Series, Lamp Selection Chart

**Ordering format – Generator**

Series	Input voltage	Number of heads	Lamp type	Options
MPHG= Generator unit	1= 120VAC, 60Hz 2= 277VAC, 60Hz	-2= Two lamps	MR16 LED (LD7)= 12V-4W (LD9)= 12V-5W (LD10)= 12V-6W	MR16 Halogen High Output (50H)= 12V-50W DL= Damp location

**Example: MPHG1-2(LD7)DL**

Note: For complete 12V MR16 lamp information refer to page 114 Remote Fixture, Phantom™ Series, Lamp Selection Chart