

# PHOENIX

## Thermoplastic 50 and 100W LED Emergency Light

The PHOENIX series provides a compact, self-contained emergency lighting unit with the ability to power remote fixture loads. An injection molded ABS housing with a neutral white or black finish provides a durable, contemporary low profile fixture suitable for commercial and industrial applications.



### CONSTRUCTION

- Two fully adjustable PAR 36 style LED lampheads are standard
- 5 / 32 inch thick rugged ABS injection molded 5VA flame retardant cabinet, with softened corners in a neutral white or black to order
- Universal rear entry knockout pattern with keyhole mounting slots
- Top and side knockouts for conduit entry
- Snap fit door additionally secured by nickel plated steel counter sunk screws
- Captive battery restraints are standard and suit ZONE 4 type applications
- The Phoenix Series LED lampheads include a polycarbonate diffuser lens and compressed retaining ring
- Momentary test switch and AC status indicator

### ELECTRICAL

- 6V or 12V maintenance-free rechargeable sealed Lead Calcium batteries
- Field selectable 120 or 277 VAC input
- Fused remote lead wires included as standard
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours
- Line-latch prevents unnecessary discharge of battery during installation, loads will not illuminate until after application of utility power
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Brownout sensing assures emergency operation during periods of low line voltage

### ILLUMINATION

- Adjustable glare-free PAR-36 style lamp heads with lamp, reflector and lens assembly
- 6 Watt 12 LED's per lamphead
- 650 Lumens per lamphead allow for spacing of up to 100' on center

### CERTIFICATION

- UL 924 listed for damp locations, meets UL 924, NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements
- UL Listed for damp locations (20°C to 40°C)

### WARRANTY

- 5 year limited warranty- view complete warranty terms online at [www.evenlite.com/terms-warranty](http://www.evenlite.com/terms-warranty).
- Battery pro rated for 2 years

### OPERATING CHARACTERISTICS

MODEL	VOLTAGE	WATTAGE			
		90 MIN	2 HRS	3 HRS	4 HRS
P2E50	6	50	36	27	18
P2E100	6	100	72	54	36
P4E50	12	50	36	27	18
P4E100	12	100	72	54	36

### ELECTRICAL CHARACTERISTICS

MODEL	INPUT WATTS (W)		INPUT AMPS (A)		REMOTE CAPACITY
	120V	277V	120V	277V	
P2E50	16.0	16.0	0.15	0.06	38-Watts
P2E100	30.0	30.0	0.28	0.12	88-Watts
P4E50	16.0	16.0	0.15	0.06	38-Watts
P4E100	30.0	30.0	0.28	0.12	88-Watts

## ORDERING GUIDE

P2E50-W-L66

MODEL	OPERATING / WATTAGE	HOUSING COLOR	STANDARD LAMPHEADS	OPTIONS	ORDERING NOTES
P	<b>LEAD CALCIUM BATTERY 90 MINUTE CAPACITY</b>	<b>W</b> White <b>B</b> Black	<b>L66</b> Standard 6 Volt 6 Watt LED Unit Lamphead	<b>NH</b> No Heads <sup>1</sup>	1 Compatible remote heads 5-15VDC may be used with a wide variety of Evenlite products (See Below)
			<b>L126</b> Standard 12 Volt 6 Watt LED Unit Lamphead		
			<b>2E50</b> 6 Volt 50 Watt		
			<b>2E100</b> 6 Volt 100 Watt		
			<b>4E50</b> 12 Volt 50 Watt		
<b>4E100</b> 12 Volt 100 Watt					
P					

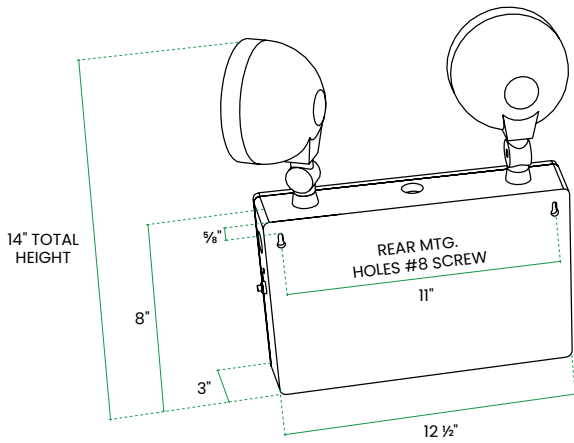
Fill in fields from categories above and complete type and part number.

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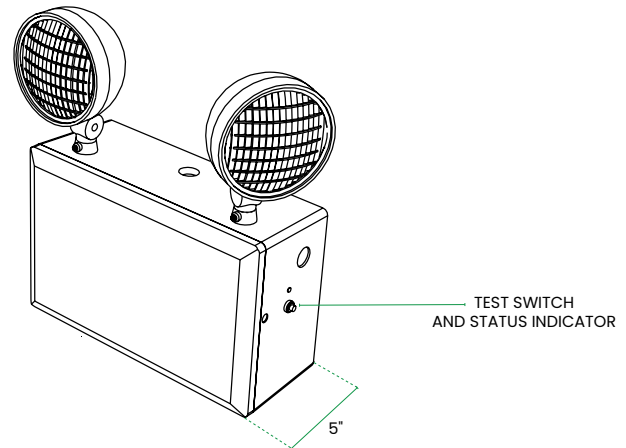
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## DIMENSIONS

### 50 WATT 6 OR 12 VOLT UNIT



### 100 WATT 6 OR 12 VOLT UNIT



COMPATIBLE REMOTE HEADS	
<b>PRILED-1</b>	Single LED Indoor Remote Head, Specify White or Black
<b>PRILED-2</b>	Double LED Indoor Remote Head, Specify White or Black
<b>PROLED-1</b>	Single LED Outdoor Remote Head, Specify Gray or Black
<b>PROLED-2</b>	Double LED Outdoor Remote Head, Specify Gray or Black

NOTE: See data sheets PRI and PRO

## SPACING DIAGRAM

MOUNTING HEIGHT IS 15' REFLECTANCE OF 80-50-20

