

PROJECT NAME:	APPROVED BY:
CATALOG NO:	TYPE NO:

# PHOENIX - 6 & 12 Volt 50-100 Watt Plastic Emergency Lighting Units

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 warm beige finish provides a durable, contemporary low profile fixture suitable for commercial and industrial applications.



## Construction

- Available with a wide range of fully adjustable lighting heads
- Includes two-top mounted lighting heads that can be field modified for side-mount applications
- 5/32 inch thick rugged ABS Injection molded cabinet with softened corners in a neutral warm beige color
- 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 standard PW Series lamp heads include a specular metal reflector and a glass refractive lens sealed with a compressed gasket
- Momentary test switch and AC status indicator

## Electrical

- Maintenance free sealed Lead Calcium batteries, operating temperature range 10° C to 25° C
- Field selectable 120 or 277 VAC input
- Remote load lead wires included as standard
- Constant voltage solid state charging circuit
- 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

## Certification

- UL 924 listed for damp locations, meets UL 924, NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements



## Warranty

- 3 Year limited warranty

## Operating Characteristics

Model	Voltage	Wattage			
		90 min	2 Hrs	3 Hrs	4 Hrs
P2E50	6	54	36	27	18
P2E100	6	100	72	54	36
P4E50	12	54	36	27	18
P4E100	12	100	72	54	36

## ORDERING GUIDE - PHX

Example: P2E50-2-W67

Model	Operating Voltage/Wattage	Lighting Heads	Options
P	<b>Lead Calcium Battery</b> <b>90 Minute Capacity</b> 2E50 6 Volt 54 Watt 2E100 6 Volt 100 Watt 4E50 12 Volt 54 Watt 4E100 12 Volt 100 Watt	<b>W67</b> Standard 6 Volt, 7 Watt Unit Lamphead <b>W129</b> Standard 12 Volt, 9 Watt Unit Lamphead <b>H20</b> 20 Watt PAR 36 Halogen Lamps (12 volt only)	<b>US</b> Assembled in the USA <b>WG5</b> Wire Guard(15" x 14" x 6") <b>C</b> 3 ft Conductor Cord and Plug <b>H</b> Internal Battery Heater (-9° C) (50 Watt models only) <b>NH</b> No Heads
P			

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

Type Number:

Full Part Number:

# Phoenix 6 & 12 Volt, 50-100 Watt Plastic Emergency Lighting Units

## 50 Watt and 100 Watt 6 or 12 Volt Unit Dimensions

