



## SERIES P12QM

TYPE: \_\_\_\_\_

CATALOGUE #: \_\_\_\_\_

NOTES: \_\_\_\_\_



## Industrial / Commercial Unit Equipment

**12 Volt Maintenance-free**

**Lead Calcium Battery**

**Listed to UL 924 Standards**



**Application** Effective, functional unit designed with high capacity maintenance-free batteries for industrial and commercial applications. The P12Q1 Series provides high-performance illumination and an aesthetical look.

### Features

- **RELIABILITY:** The P12QM Series has a 3-year full warranty. Each unit is fully computer tested.
- **HOUSING:** Heavy duty steel case with front access panel and mist white enamel finish.
- **MOUNTING:** Conduit knockouts and rear keyhole mounting slots are provided.
- **UNIT DATA:** Constructed of a heavy-duty steel case, with front access panel and white enamel finish, this unit is designed for installation with the emergency lights on the bottom for improved aiming angle and light distribution. Conduit knockouts and rear keyhole mounting slots are provided.
- **ELECTRONICS:**
  - Micro controller based, solid-state charger with self testing self-diagnostic features as per UL 924 Standards.
- - High capacity, automatic dust tight instantaneous transfer relay.
  - Low voltage disconnect prevents over discharge of battery. Automatic brownout protection is provided.
  - Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
  - Fused output circuit
- **IMPROVED DIAGNOSTICS STANDARD:**
  - Self-testing in accordance with NFPA101, Life Safety Code
  - Constantly monitors every critical function of the equipment including; battery failure, battery disconnect, charger failure and lamp failure
- **POWER REQUIREMENTS:**  
120/277Vac 60 Hz, .25A/.12A

### Battery

12 volt, long life, maintenance-free sealed Lead Calcium. Provides 105 watts for 90 minutes run time.

### Lamp Heads

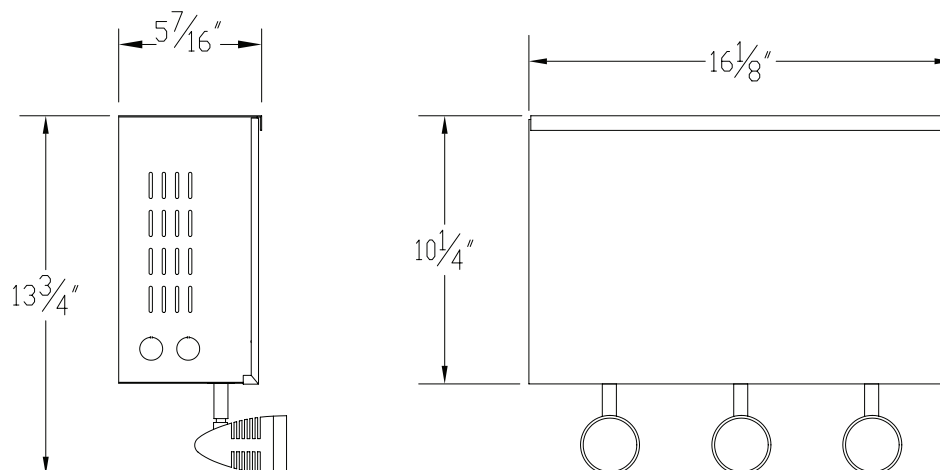
Decorative, die-cast aluminum emergency heads furnished with MR16, 12Volt, 35 Watt, halogen lamps.

### Options

(Add Suffix to Model No.)	Suffix
I-beam mounting bracket . . . . .	-DSC
Re-enforced housing . . . . .	-CBKT*
Cold weather . . . . .	-CW

\*Required for inverted pendant mounting. Stem supplied by others

# Specifications For Series P12QM



Dimensions are approximate and subject to change.

Supply and install Lightalarms \_\_\_\_\_ with electrically compatible fixtures or exit signs as indicated on the plans.

Housing shall be heavy-duty steel case with front access panel and white enamel finish. The housing shall include conduit knockouts for pendant mount and rear keyhole mounting slots for wall mounting.

The emergency heads shall be made of die-cast aluminum painted white and shall include high-efficiency MR16 halogen lamps rated 12Volt, 35 Watt each or as otherwise specified.

The battery shall be sealed lead calcium and shall supply the rated load for a minimum of 90 minutes to 87½% of rated battery voltage. The unit shall be rated 120/277Vac, 60 Hz and be UL 924 Listed. The charger shall be micro-controller based, temperature compensated and protected against load short circuit and battery reverse polarity. The unit shall self test for 1 minutes every 30 days, 30 minutes on the 6th month and 90 minutes every 12 months.

## Improved Diagnostic

The equipment shall come standard with improved diagnostic circuitry.

## \*Unit Warranty

Entire unit (excluding lamps) carries a 3-year full warranty.

## \*Battery Warranty

Sealed Lead Calcium – 8-year life expectancy. 3-year full warranty, plus 3-year pro rata warranty

\*Subject to proper installation and maintenance

## Ordering Information

Example: 3P12Q1/M35-W-CBKT-ID-CW2

# of Heads	Series	Capacity	Lamp Wattages	Color	Mounting Options	Charger	Options
2= 2 heads 3= 3 heads	P12Q	1 = 100 watts for 90 minutes runtime	/M35= 12V-35W MR16	-W= white	Blank = no option -DSC = "I" beam mounting -CBKT = inverted pendant mounting	-ID = improved diagnostics	Blank= no options -CW1= 120V cold weather -CW2= 277V cold weather



**Lightalarms**

**Thomas & Betts**