

# R-16-W-EM

## THERMOPLASTIC EMERGENCY INDUSTRIAL EMERGENCY

### R-16-W-EM THERMOPLASTIC INDUSTRIAL EMERGENCY LIGHT

#### STANDARD FEATURES

- Damp location rated
- Universal J-box mounting with quick-connect adapters for fast, simple installation
- Compact, low profile design
- Unique, fully adjustable square lamp heads
- Completely self-contained
- Fully automatic operation
- 6-volt premium grade, lead-acid, maintenance-free battery with 10 year expected life
- Environmentally coated, solid state charger
- Low voltage disconnect, protects battery from deep discharge
- 120/277 VAC operation
- Fully adjustable 5.4 watt (MM90) 4.6 watt (MM90R), glare-free lighting heads
- Injection-molded, V-0 flame retardant, high impact, thermoplastic housing
- Low-profile test switch and LED charge rate indicator light
- Regulated charge voltage
- AC lockout
- Overload/short circuit protection
- Brown-out protection
- UL listed

#### CONSTRUCTION

Unit & Lamp Housing: Precision molded housings constructed of flame retardant, corrosion proof thermoplastic. Units resist denting, peeling, scratching and corrosion. Not recommended for outdoor use. Finish: Textured white or black.

#### ELECTRONICS

120/277 VAC dual voltage input with surge protected, solid state circuitry.



#### EMERGENCY OPERATION

Charging circuit is solid state type with constant current charge and transfer design. Circuit is brown-out protected and provides a minimum of 90 minutes of emergency run time and recharge time of 12 hours. Push to test switch and an LED AC indicator provides simple means for manual test. The EL-1-RC model has a larger battery that is capable of a 180 minute run time.

#### BATTERY

Maintenance-free, sealed Lead Acid Battery provides an estimated service life of 10 years with an operating temperature range of 65°F (19°C) to 85°F (30°C).

#### SELF-TESTING OPERATION (Option: G2)

The circuit continuously monitors the operating condition of the AC power, battery supply voltage, emergency lamp continuity and charging circuit. If a failure is detected, visual status will occur immediately via the multi-colored LEDs. LED indicator(s) will illuminate until fault has been corrected.

The G2 also monitors the transfer circuit as well as performing automatic code compliant testing. The self-test will operate the equipment in emergency mode five minutes every 28 days. Also, a 90 minute full-function test is performed every six months.



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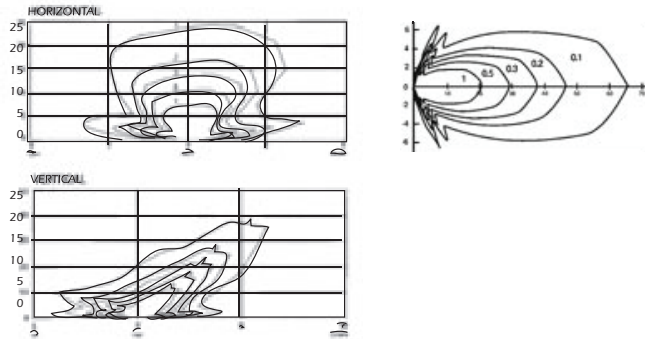
THERMOPLASTIC EMERGENCY

## ORDERING INFORMATION

Series	Color	Options
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- R-16 (Standard)
- W-EM (White)
- B-EM (Black)
- G2 (Self Testing)

## PHOTOMETRICS



## INSTALLATION

Units are mountable in any orientation, on wall or ceilings. A universal mounting pattern and rear key hole slots are provided.

## CODES & STANDARDS COMPLIANCE

UL Listed for the US and Canada. Meets UL 924, NFPA 101 (Life Safety Code) NEC, OSHA and Energy Star illumination standards. ROHS compliant.

## WARRANTY

Any component that fails due to manufacturer's defect is guaranteed for 5 year from time of shipment. Battery is prorated for 5 years. Warranty does not apply to damages caused by improper installation, abuse, fire or acts of God.

