

# Presc•lite

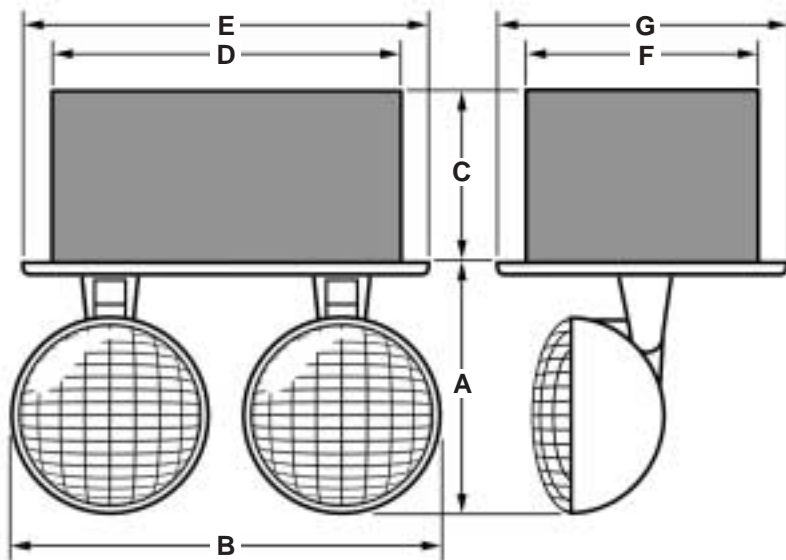
Life Safety Products

Type: \_\_\_\_\_

# ERC-2R

## 10.8W

### Recessed Emergency Lighting Unit



A	5 <sup>3</sup> / <sub>4</sub> " (14.6 cm)
B	11" (27.9 cm)
C	3 <sup>7</sup> / <sub>8</sub> " (9.8 cm)
D	7 <sup>3</sup> / <sub>4</sub> " (19.7 cm)
E	9 <sup>1</sup> / <sub>8</sub> " (23.2 cm)
F	5" (12.7 cm)
G	6 <sup>1</sup> / <sub>8</sub> " (15.6 cm)

*Recessed into the wall or ceiling, the ERC-2R is a true low profile emergency lighting unit. Unobtrusive and easy to install, the ERC-2R is ideal for applications where an attractive unit is desired and no remote capability is needed.*



## Standard Features

- Easy installation in wall or ceiling
- Universal mounting pattern
- Compact, low-profile design
- All metal recessed housing
- Flame-rated, thermoplastic lamp housing and mounting plate in textured white finish
- Maintenance-free battery
- Glare-free lampheads
- 120/277VAC operation standard
- Fully automatic, solid-state charger
- Low-voltage battery disconnect
- Transformer isolation protection
- Test switch and AC-On light
- Optional **CVS** self-testing electronics
- 90 minute operation
- Temperature range: 20°C to 30°C (68°F to 86°F)
- UL924 Listed

## Model Numbers

**ERC-2R** (6V, 10.8W - 120/277V)

## Options (Add suffix to catalog number)

**CVS** Continuous Verification System<sup>(1)</sup>

(1) Add "CVS" self-test option suffix immediately after base model number.  
Example: ERC-2RCVS

## Accessories (Order Separately)

**F-CBM** Troffer mounting kit (suspended ceilings)

**WGEL** Wire guard



Hubbell Lighting, Inc.

## Housing

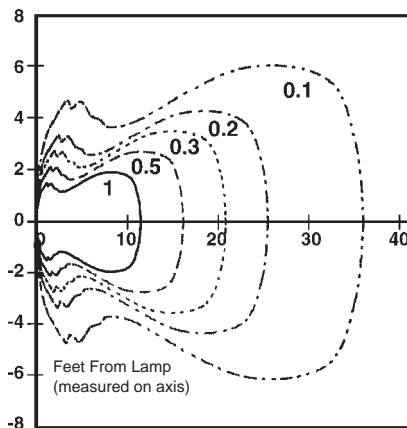
Faceplate is molded from high impact mar-resistant thermoplastic in a textured white finish. The ERC-2R housing is fabricated from stamped steel. Housing can be recessed directly into wall or ceiling or with an optional troffer mounting kit for T-bar ceilings. Knockouts are provided on the top and side of the housing for conduit feed.

## Light Source

The ERC-2R model is furnished standard with two 6 volt, 5.4 watt sealed beam type lamps. Fully directional, injection molded lampheads will remain in place once they are aimed in desired direction.

## 6 Volt, 5.4 Watt, SBT Lamp

### Horizontal Distribution



## Battery

A 6 volt maintenance-free lead-acid battery is provided. The battery is completely sealed and it is never necessary to add water.

## Electronics

A solid-state charger is standard. Charger voltage is regulated to  $\pm 1\%$  of nominal system voltage. The charger is current limited and protected against short circuit and reverse polarity conditions. Transfer to emergency operation is completely automatic upon failure of utility AC voltage. A

low voltage disconnect circuit prevents deep discharge damage to the unit battery during prolonged power outages. An AC lock-out prevents battery discharge before the unit is energized with AC power. Full battery recharge occurs in compliance with UL 924 specifications. A universal 120/277VAC, 60Hz input transformer, test switch and long life AC pilot light are all provided standard.

## Power Consumption

7.5 watts (maximum)

## Limited Warranty

Description	Warranty In Years		
	Unit Full	Battery	
		Full	Pro-Rata
ERC-2R	3	3	3
with CVS option	5	5	5

Batteries must be placed in service or recharged within nine (9) months from factory shipment date. This warranty only applies when the product is used as intended. Any abuse or misuse contrary to normal installation or operation shall void this warranty.

## Suggested Specifications

Self contained emergency lighting unit shall be Prescolite Life Safety Products model ERC-2R. The unit shall supply the rated load for a minimum of 1 $\frac{1}{2}$  hours to not less than 87 $\frac{1}{2}\%$  of rated battery voltage. The unit shall be rated 120/277VAC, 60 Hz and be listed with Underwriters Laboratories to Standard 924. The unit shall be supplied with a steel recessed back box containing all electronic components. Thermoplastic lighting heads and matching mounting plate will be supplied in a textured white finish. The emergency power source shall be a fully rechargeable maintenance-free, 6 volt lead-acid battery. The housing shall be recessed into the wall or ceiling. Electronics shall include a solid state charger with regulated charge voltage, current limitation and short circuit protection. A low voltage disconnect and AC lock-out will also be included in the electronics. AC pilot light and manual test switch are standard. Illumination shall be provided by two 6 volt, 5.4 watt PAR 36 sealed beam type incandescent lamps housed in fully directional, high impact lamphead assemblies.

## Product Selector Guide

Base Catalog Numbers	Electrical							
	Output Volts	Battery Type	Output Watts				Standard Lamp	Remote Capability
			1.5 Hours	2 Hours	3 Hours	4 Hours		
ERC-2R	6	Lead-Acid	10.8	—	—	—	5.4W	No