

Presc•lite

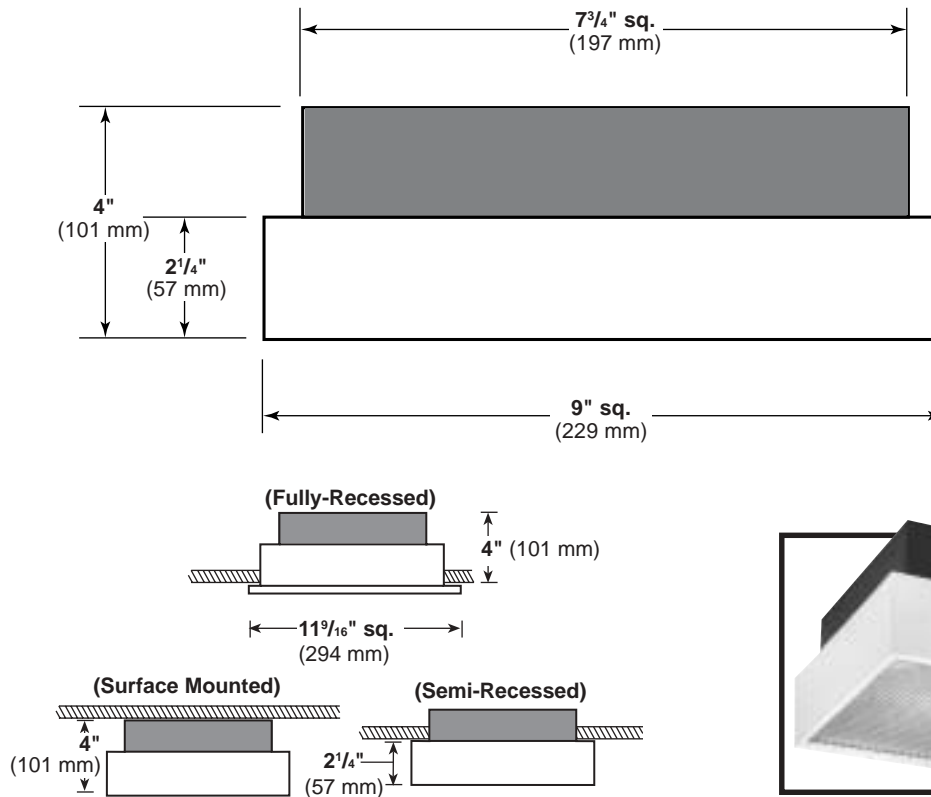
Life Safety Products

EDSP Series

9W to 30W

Emergency Lighting Squares

Type: _____



Standard Features

- Easy to install
- Matte-white frame and satin-black housing
- Available in single and twin lamp models
- Maintenance-free battery
- Prismatic lens for uniform illumination
- Polished alzak reflector
- Remote capability (ERSP models only)
- Matching remote fixtures
- 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

EDSP	Single lamp unit	(6V, 10W - 120/277V)
ERSP	Single lamp unit	(6V, 20W - 120/277V)
ERSP-3	Single lamp unit	(6V, 30W - 120/277V)
EDSP-2	Twin lamp unit	(6V, 14.4W - 120/277V)
ERSP-2-2	Twin lamp unit	(6V, 30W - 120/277V)

Options (Add suffix to catalog number)

CVS	Continuous Verification System ⁽¹⁾
-V	Voltmeter ⁽²⁾
-FRM	Fully recessed option (Std. models)
-FRM-CVS	Fully recessed option (CVS models)

(1) Add "CVS" self-test option suffix immediately after base model number.
Example: ERSP-3CVS

(2) Not available with fully recessed models.

Accessories (Order Separately)

PRERS-1-0609	Matching remote fixture - single lamp
PRERS-2-0607	Matching remote fixture - twin lamps
F-SRM	Semi-recessed mounting kit
F-45G	Wire guard
WG-MLT	Wire guard



Hubbell Lighting, Inc.

Housing

Compact size. Molded from high impact mar-resistant thermoplastic. The unit has a textured white finish. A universal mounting pattern and keyhole slots are provided on the backplate to make installation simple. Knockouts on the back and side are provided for conduit feed.

Light Source

Single lamp EDSP Series models are furnished standard with one 9 watt wedge base lamp. Twin lamp EDSP Series models are furnished standard with two 7.2 watt wedge base lamps. EDSP Series models provide a sufficient level of illumination to allow people to leave a building in the event of a power failure.

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.

Installation

Surface Mounting: EDSP Series models may be mounted directly to any 31/2" or 4" octagonal or 4" square box.
Recessed Mounting: All EDSP Series units and matching remote fixture may be semi-recessed in suspended ceilings using the F-SRMP mounting kit. Emergency models may be fully recessed when specified with the -FRM option. The F-SRMP semi-recessed mounting kit consists of an adjustable mounting bar which clips to ceiling tile grid. EDSPCVS Series emergency units ordered with the -FRM-CVS fully-recessed mounting option are supplied with a

factory-wired remote test/monitor module. The remote module is mounted in a utility box (supplied) and installs through the ceiling panel alongside the unit by means of a plaster ring provided. The fully recessed mounting option also includes an adjustable ceiling grid mounting bar and a decorative trim bezel.
Wiring: Pre-stripped AC input leads provided. All AC connections made inside unit housing. Remote capability is available with ERSP models. Remote output connections are fused.

Power Consumption

12 watts (maximum)

Limited Warranty

Description	Warranty In Years		
	Unit Full	Battery	
		Full	Pro-Rata
EDSP/ERSP Series	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 EDSP Series model _____. The unit shall supply the rated load for a minimum of 1½ hours to not less than 87½% of rated battery voltage. The unit shall be rated 120/277VAC, 60 Hz and be listed with Underwriters Laboratories to Standard 924. The emergency power source shall be a fully rechargeable maintenance-free 6 volt lead-acid battery. The housing shall be (surface) (semi-recessed) (fully-recessed) mountable in walls or suspended type ceilings. 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. An AC pilot light and manual test switch are standard. Illumination shall be provided by (one, 9 watt wedge base lamp)(two, 7.2 watt wedge base lamps). A prismatic lens shall be supplied for uniform illumination.

Product Selector Guide

Base Catalog Numbers	Electrical								
	Output Volts	Battery Type	Output Watts				No. Lamps	Standard Lamp(s)	Remote Capability
			1.5 Hours	2 Hours	3 Hours	4 Hours			
EDSP	6	Lead Acid	10	—	—	—	1	9W	No
ERSP	6	Lead Acid	20	10	—	—	1	9W	Yes
ERSP-3	6	Lead Acid	30	22	15	—	1	9W	Yes
EDSP-2	6	Lead Acid	14.4	—	—	—	2	7.2W	No
ERSP-2-2	6	Lead Acid	30	22	15	—	2	7.2W	Yes