



Catalog Number	
Notes	Type

FEATURES AND SPECIFICATIONS

INTENDED USE

For factory or field installation in T8 or T12 fixtures requiring low profile ballast and wireways. Provides 90 minutes of emergency operation at reduced light levels.

CONSTRUCTION

22-gauge steel, low-profile housing (1.0"H x 1.5"W) works in conjunction with a slim AC ballast to convert new or existing low-profile fixtures into emergency lighting. Dual-voltage input capability (120V or 277V).

PERFORMANCE

Operates most 16W-40W (2'-4') T8, T10 or T12 fluorescent lamps without integral starters, including U-shaped, energy saving, and (4-pin) compacts. Compatible with most one, two, three or four-lamp electronic, standard, energy-saving and dimming AC ballasts. Battery pack wires two ways: on night light circuit (permanently energized) or on switchable circuit (unswitched circuit to battery charger and switched circuit to the fixture ballast). Battery pack will strike "normally off lamp. Produces 350-450 lumens initial emergency light output.

BATTERY

Sealed, maintenance-free, high-temperature, nickel-cadmium battery. Ensure long life over wide temperature ranges. Automatic battery recharge after 90-minute discharge. Pilot light and test switch provide visual and manual means of monitoring system operation.

ELECTRONIC

Constant current-type charger. High-efficiency, push-pull inverter is the most effective method of converting DC power to AC power. It provides maximum light output, battery life and reliability.

INSTALLATION

Low-profile size (14.1"L x 1.5"W x 1.0"H) allows mounting in lighting fixtures with limited space inside fixture wireway for clear appearance and protection against vandalism. Mounting centers 13.7". Test switch and pilot light included.

LISTING

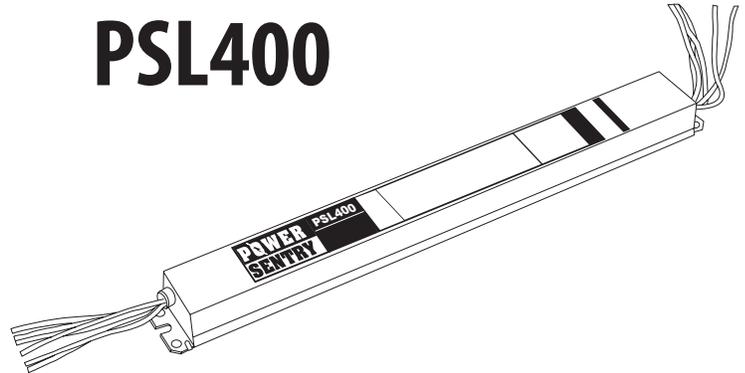
UL Listed. Meets UL 924, NFPA 101 (Current Life Safety Code), NEC and OSHA illumination standards.

WARRANTY

Three-year total customer satisfaction warranty. (For complete details, see warranty sheet in Product Selection Guide).

Low-Profile Fluorescent Battery Backup

PSL400



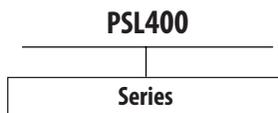
H - 1.0"

W - 1.5"

L - 14.1"

ORDERING LOGIC

For shortest lead times, configure product using standard options (shown in *italics*).



PSL400 Low-profile battery backup



Order as separate item.
ELA RTS3 Remote test switch pilot light



PSL400 Low-Profile Fluorescent Battery Backup

SPECIFICATIONS

BATTERY

Sealed Nickel-Cadmium

Voltage	Shelf Life ¹	Expected Life ¹	Maintenance	Optimum Temperature ²
3.6	3 years	7-9 years	none ³	32-100°F

Notes:

- At 77°F.
- Optimum ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.
- Periodic system status test recommended.

ELECTRICAL

Volts	Max. Amps	AC Input Watts
120	.1	1.5
277	.1	1.5

LAMP COMPATIBILITY

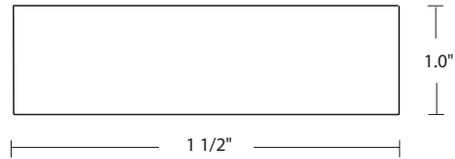
Lamp Type	Wattage
U-Lamp T8	16 - 31
24" - 48" T8	17 - 32
U-Lamp T12	34 - 40
24" - 48" T12	20 - 40
Compact fluorescent (4-pin)	16 - 40

PSL400 INITIAL LUMEN OUTPUT TABLE

Lamps Tested	Lumens
F40T12	350
FO32T8	450
PL-T32W/4P, DULUX T/E 32W	400
PL-L 36W, DULUX L 39W, F39/36BX/4P	450
F40T12/ES (34W)	350

MOUNTING

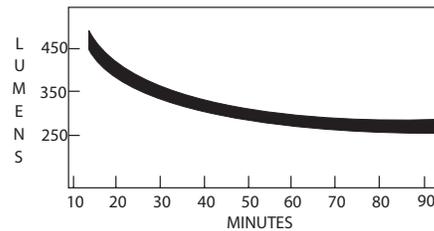
All dimensions are inches (millimeters)



Cross section end view
Length: 14.1" (358)
Shipping weight: 1.9 lbs. (0.9 kgs.)

PERFORMANCE

EMERGENCY LAMP LUMEN OUTPUT



Light output data based on F32T8 lamps (2800 lamp lumen rating). Two-lamp, electronic, rapid-start ballast. Thermal and ballast factor corrections have been included. Light output for other lamp and ballast types will vary. Luminaire efficiency and application conditions must be determined to calculate actual illuminance levels.

Specifications subject to change without notice. Actual performance may differ as a result of end-user environment or application. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Sheet#: PSL400