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|-------------------|
| Project/Location: |
| Contractor:       |
| Date:             |
| Prepared by:      |

# FPSI/U-3 Series

## Fluorescent Inverters



### Typical Specification

The contractor will supply and install Emergi-lite model **FPSI/U-3** self-powered fluorescent emergency inverter as shown on plans. The fluorescent emergency inverter shall contain a charger, high frequency inverter, and sealed nickel cadmium battery designed for high-temperature operation. The unit shall be able to operate one or two fluorescent lamps and provide not less than 1100 lumens initial light output in emergency mode. The duration of emergency backup shall be at least 90 minutes. Standard input voltage shall be 120V/347Vac 60Hz.

The unit shall be Emergi-lite Model - **FPSI/U-3**

### Dimensions

| Catalogue Number | Electrical Input | Dimensions        |               |                 |                 |
|------------------|------------------|-------------------|---------------|-----------------|-----------------|
|                  |                  | A                 | B             | C               | D               |
| FPSI/U-3         | 120/347 60Hz 4W  | 13 3/8" [34.0 cm] | 13" [33.0 cm] | 2 3/8" [6.0 cm] | 1 1/2" [3.8 cm] |

### Features

- Converts new or existing fluorescent fixtures into emergency lighting units
- Each unit is fully computer tested and comes with a 3-year full warranty
- Self-contained in one compact housing for easy installation and maximum mounting flexibility
- Can be wired to operate with switched, unswitched and normally off fixtures without affecting normal operation
- Compatible with standard, energy saving, dimming and electronic AC ballasts
- Maintains operation of one or two lamps when switched to emergency mode
- When AC power is restored, automatically returns the fluorescent lamps to normal operating mode and solid state charger begins recharging the battery
- Sealed maintenance-free nickel cadmium batteries
- CSA listed



### Lamp Operation

FPSI/U-3 Series should be used for Octron\*, Power Groove\*, VHO and SHO lamps.

\*Octron is a registered trademark of Sylvania. \*Power Groove is a registered trademark of G.E.

| Unit Type | Emergency Illumination Time | Lumens | Lamps Able to Operate | Lamps Operated               |
|-----------|-----------------------------|--------|-----------------------|------------------------------|
| 2 X 10W   | 90                          | 1300*  | 2                     | 2' through 4' (20W-40W)B=18' |
|           | 90                          | 1300*  | 1'                    | 2' through 4' (20W-40W)B=18' |

\* Depending on the number of lamps, wattage, and type of lamps selected:  
The FPSI/U-3 produces 1100 to 1300 lumens initial emergency light output.

### Ordering Information

| Series  | Option                           |
|---|----------------------------------|
| <b>FPSI/U-3</b> = 1100 lumens for 90 minutes 120/347Vac | <b>R</b> = external mounting kit |

EXAMPLE: FPSI/U-3