



# 48 Series & FPS Series

Fluorescent Inverters

Project/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_

## FEATURES

- All FPS Series are fully load tested prior to shipment
- Inverter is 100% solid state, short and open circuit proof
- Polarized DC input (48 Series only)
- 120VAC 60Hz input is standard, 277 and 347VAC available as options
- 25%, 50% or 80% lamp lumen output
- Mounts directly in ballast channel, remote or optional T-Bar fixture
- CSA listed



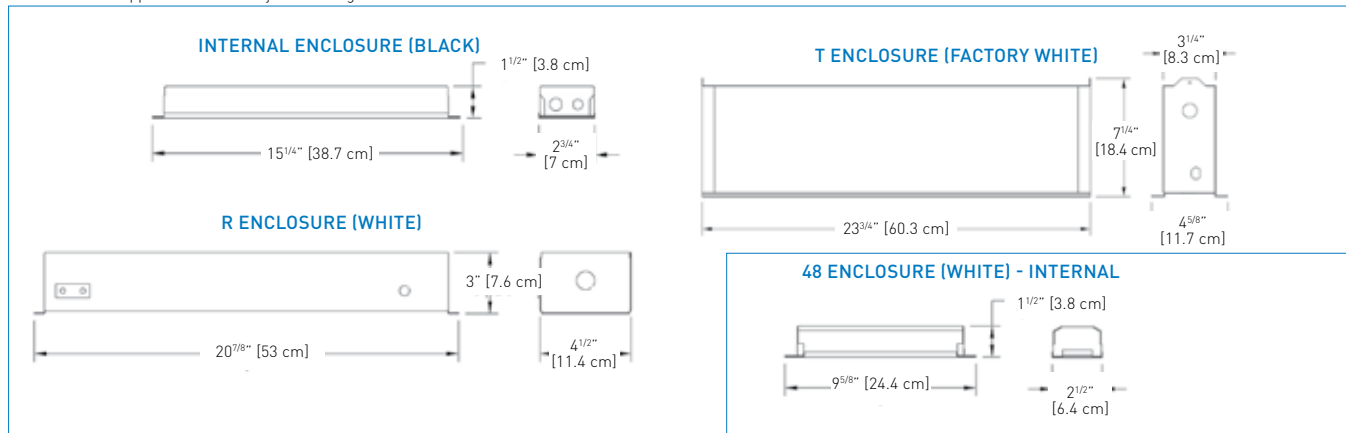
## TYPICAL SPECIFICATIONS

**48 Series:** The electrical contractor shall supply and install **Emergi-Lite® 48 Series** remote fluorescent inverter ballasts for each fixture as shown on plans. The inverter shall operate on \_\_\_\_\_ VDC input for \_\_\_\_\_ minutes during a power failure. The fluorescent lamp shall be maintained at \_\_\_\_\_ % lumen output for one lamp only. The inverter is to be connected to the remote battery unit as shown on plans (battery unit to be selected according to voltage/wattage and duration required). The inverter shall be capable of illuminating the fluorescent lamp even when it is burned out under normal AC operation.

**FPS Series:** The electrical contractor shall supply and install **Emergi-Lite® FPS Series** fluorescent inverters for each fixture as shown on plans. The **FPS Series** inverter shall operate for \_\_\_\_\_ minutes during a power failure. The fluorescent lamp shall be maintained at \_\_\_\_\_ % of nominal lumen output. The **FPS Series** inverter shall be capable of illuminating the fluorescent lamp even when it is out under normal AC operations.

## DIMENSIONS

Dimensions are approximate and subject to change.



## ORDERING INFORMATION 48 SERIES

48 SERIES	LUMENS / [%] FOR 48" TUBE	VOLTAGE
4806= 6V	25= 25% (800 lumens)	Blank= 120VAC
4812= 12V	Lumen outputs based on averages.	-2= 277VAC
4824= 24V	60= 50% (1600 lumens)	-3= 347VAC
4832= 32V	24"/20W=1260 48"/40W=3200	
4848= 48V	96"/75W=6300	
48120= 120V	100= 80% (2560 lumens)	
	Inverters will operate T12, T8, or "U" type lamps.	

EXAMPLE: 4812-25-3

## D.C. POWER CONSUMPTION

SERIES	OUTPUT %	LUMENS	W
FPS-800	25	800	10
FPS-1600	50	1600	20
FPS-3200	80	2560	32

## ORDERING INFORMATION FPS SERIES

SERIES	LUMENS / [%] FOR 48" TUBE	MIN. RUNTIME	HOUSING	AC VOLTAGE
FPS	25= 25% (800 lumens) Lumen outputs based on averages. 60= 50% (1600 lumens) 24"/20W=1260 48"/40W=3200 96"/75W=6300 100= 80% (2560 lumens) Inverters will operate T12, T8, or "U" type lamps.	30= 30 minutes 60= 60 minutes 90= 90 minutes 120= 120 minutes*	Blank= internal* R= remote mounting enclosure T= T-Bar	Blank= 120VAC -2= 277VAC -3= 347VAC
		*FPS100 in T-Bar cabinet only.	*Not available for FPS100.	

EXAMPLE: FPS60/30