48 Series
FPS Series
Fluorescent Inverters

Project/Location:

Contractor:

Date:

Prepared by:

48 Series remote inverters and FPS Series self-powered inverters

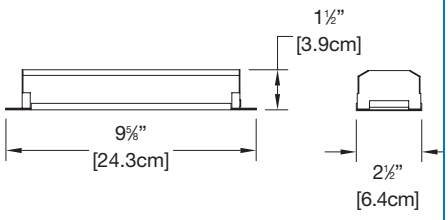
The **48** and **FPS Series** of emergency ballasts are used to convert new or existing fluorescent fixtures into emergency lighting units. These ballasts eliminate the cost of installation of separate emergency lighting units.

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

Dimensions - 48 Series

48 ENCLOSURE (white) - Internal



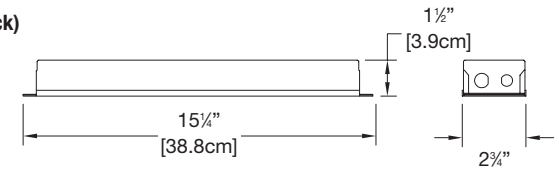
Typical Specification

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.

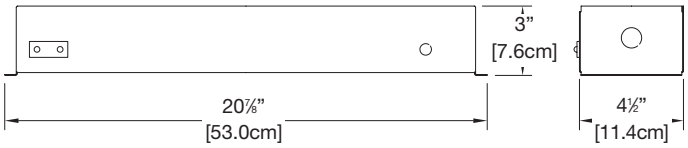
FPS Series: The electrical contractor shall supply and install Emergi-lite **FPS Series** fluorescent inverters for each fixture as shown on plans. The **FPS Series** inverter shall operate for _____ minutes during a power failure. The fluorescent lamp shall be maintained at _____% of nominal lumen output.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

Dimensions - FPS Series

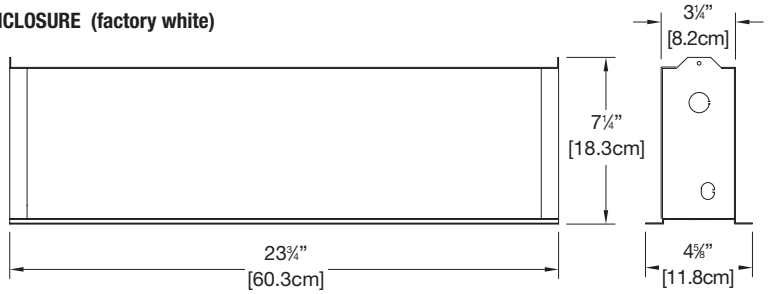
INTERNAL ENCLOSURE (black)



R ENCLOSURE (white)



T ENCLOSURE (factory white)



Ordering Information

48 Series	Lumens / % for 48" Tube		Voltage
4806= 6 volts **4812=** 12 volts **4824=** 24 volts **4832=** 32 volts **4848=** 48 volts **48120=** 120 volts	**25=** 25% (800 lumens) **60=** 50% (1600 lumens) **100=** 80% (2560 lumens)	Lumen outputs based on averages. 24"/20W=1260 48"/40W=3200 96"/75W=6300 Inverters will operate T12, T8, or "U" type lamps.	**Blank=** 120Vac **-2=** 277Vac **-3=** 347Vac

EXAMPLE: 4812-25-3

FPS Series	Lumens / % for 48" Tube		Min. Runtime	Housing	Voltage
FPS= series	**25=** 25% (800 lumens) **60=** 50% (1600 lumens) **100=** 80% (2560 lumens)	Lumen outputs based on averages. 24"/20W=1260 48"/40W=3200 96"/75W=6300 Inverters will operate T12, T8, or "U" type lamps.	**30=** 30 minutes **60=** 60 minutes **90=** 90 minutes **120=** 120 minutes* * FPS100 in T-Bar cabinet only.	**Blank=** internal* **R=** remote mounting enclosure **T=** T-Bar * Not available for FPS100.	**Blank=** 120Vac **-2=** 277Vac **-3=** 347Vac

EXAMPLE: FPS60/30