RSF & RSFSP Series Fluorescent inverters

RSF Series remote inverters and RSFSP Series self-powered inverters.



Features

- Converts new or existing fluorescent fixtures into emergency lighting units
- All RSFSP Series are fully load tested prior to shipment
- Inverter is 100% solid state, short and open circuit proof
- Polarized DC input (RSF 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 Specification

RSF Series: The electrical contractor shall supply and install Lumacell RSF 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.

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

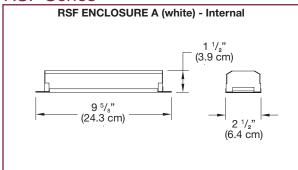
| Project / Location | Date | | |
|--------------------|------|-------------|--|
| Contractor | | Prepared by | |
| LUMACELL Model | | | |



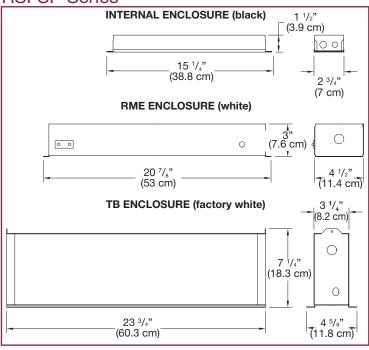
RSF & RSFSP

Dimensions

RSF Series



RSFSP Series



Ordering Information

RSF Series

| Series | Series Lumens / % for 48" Tube | |
|--------------------------|---------------------------------|--------------------|
| RSF = 6Volts | 800 = 800 lumens (25%) | Blank = 120Vac |
| RSF12 = 12Volts | 1600 = 1600 lumens (50%) | ZC = 277Vac |
| RSF24 = 24Volts | 3200 = 2560 lumens (80%) | ZD = 347Vac |
| RSF32 = 32Volts | | |
| RSF48 = 48Volts | | |
| RSF120 = 120Volts | | |

EXAMPLE: RSF800

RSFSP Series

| Series | Lumens/% for 48" Tube | Min. Runtime | Enclosure | A.C. Voltage |
|--------|---------------------------------|-----------------------------------|---------------------------------|--------------------|
| RSFSP | 800 = 800 lumens (25%) | 90 = 90 minutes | *Blank = internal | Blank = 120Vac |
| | 1600 = 1600 lumens (50%) | * 120 = 120 minutes | RME = remote mounting enclosure | ZC = 277Vac |
| | 3200 = 2560 lumens (80%) | | TB = T-Bar | ZD = 347Vac |
| | | *RSFSP3200 in T-Bar cabinet only. | | |
| | | | | |
| | | | *Not available for RSFSP3200. | |

EXAMPLE: RSFSP80090

Lumen outputs based on averages.

24"/20W = 1260 48"/40W = 3200 96"/75W = 6300

Inverters will operate T12, T8, or "U" type lamps.