

# RSF & RSFSP

## Fluorescent 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 347 Vac 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.

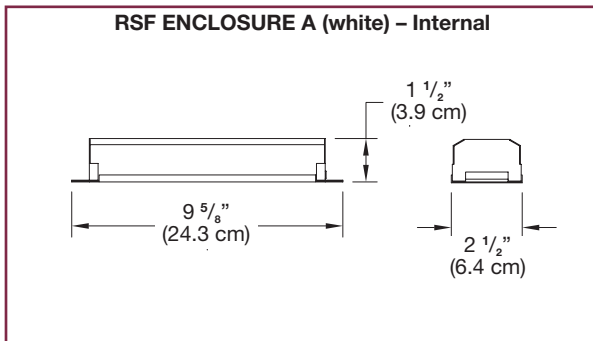
|                  |  |             |
|------------------|--|-------------|
| Project/Location |  | Date        |
| Contractor       |  | Prepared by |
| LUMACELL Model   |  |             |



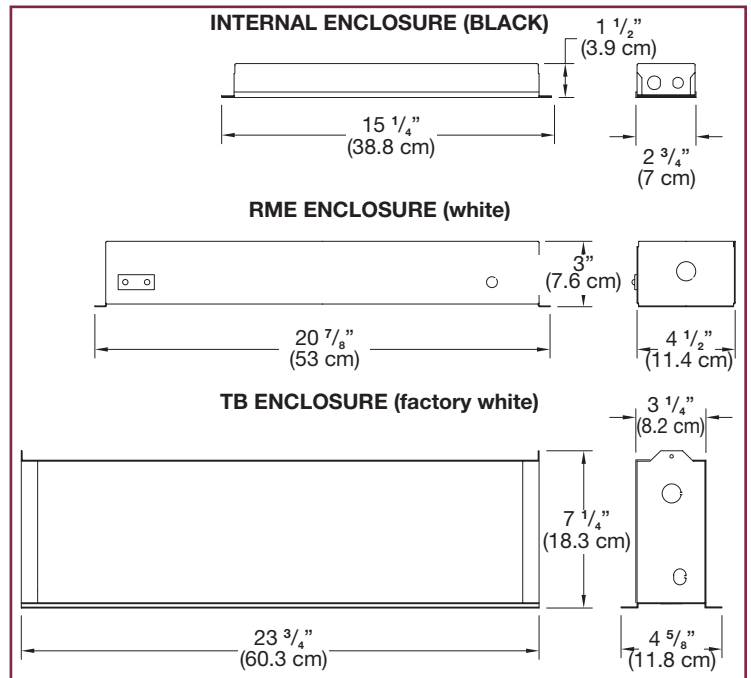
# RSF & RSFSP SERIES

## Dimensions

### RSF Series



### RSFSP Series



## Ordering Information

### RSF Series

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

\*Not available in 6 volts .

## EXAMPLE: RSF800

### RSFSP Series

| Series       | Lumens / (%) for 48" Tube       | Min. Runtime              | Enclosure                              | AC Voltage             |
|--------------|---------------------------------|---------------------------|--|------------------------|
| <b>RSFSP</b> | <b>800</b> = 800 lumens (25%)   | <b>30</b> = 30 minutes    | <b>*Blank</b> = internal               | <b>Blank</b> = 120 Vac |
|              | <b>1600</b> = 1600 lumens (50%) | <b>60</b> = 60 minutes    | <b>RME</b> = remote mounting enclosure | <b>ZC</b> = 277 Vac    |
|              | <b>3200</b> = 2560 lumens (80%) | <b>90</b> = 90 minutes    | <b>TB</b> = T-Bar                      | <b>ZD</b> = 347 Vac    |
|              |                                 | <b>*120</b> = 120 minutes |  |                        |
|              |                                 |                           |  |                        |

\*RSFSP3200 in T-Bar cabinet only.      \*Not available for RSFSP3200.

## EXAMPLE: RSFSP80030

Lumens outputs based on averages.

24" / 20W= 1260

48" / 40W= 3200

96" / 75W= 6300

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