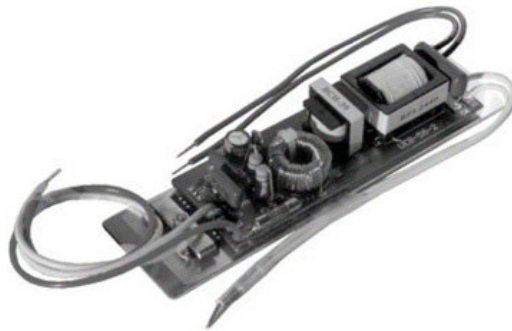


## RFL Series Fluorescent Lamp Inverters.



### FUNCTION

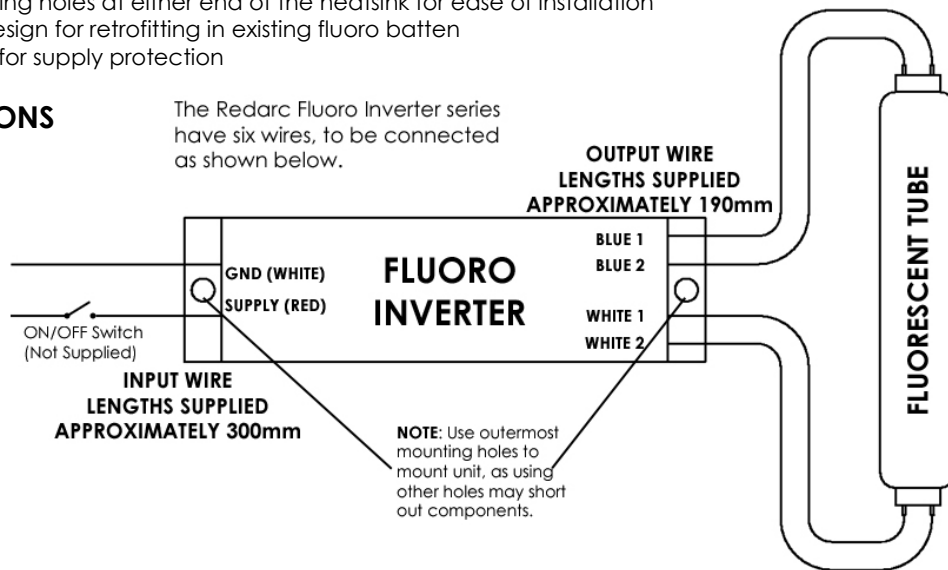
The Redarc RFL Series Fluoro Inverters are used in a 12V or 24V automotive electrical system to provide 240V power to 20W or 40W fluorescent tubes.

### FEATURES

- Ideal for Bus & Coach – RV's, Houseboats and Caravans
- Protection against reverse polarity connection
- Mounting holes at either end of the heatsink for ease of installation
- Slim design for retrofitting in existing fluoro batten
- Fused for supply protection

### CONNECTIONS

The Redarc Fluoro Inverter series have six wires, to be connected as shown below.



### SPECIFICATIONS

MODEL	RFL1220	RFL1240	RFL2420	RFL2440
Supply (Nominal)	12V	12V	24V	24V
Supply Voltage Range	9.8 - 15V	9.8 - 15V	20 - 28V	20 - 28V
Operating Current	1.33 - 1.67A	2.7 - 3.3A	0.63 - 0.79A	1.33 - 1.67A
Fluoro Tube Rating	15W - 20W	32W - 40W	15W - 20W	32W - 40W
Operating Temp.	-15°C to 70°C	-15°C to 70°C	-15°C to 70°C	-15°C to 70°C
Operating Freq. kHz	18-22	19-23	18-22	19-23
Dimensions	172x46x28mm	172x46x28mm	172x46x28mm	172x46x28mm
Weight	200g	200g	200g	200g
Warranty	2 Years	2 Years	2 Years	2 Years

### PRECAUTIONS

Fluorescent inverters can produce voltages of up to 600VAC at the output. Beware of the hazards of electric shock.

**NOTE:** Install ON/OFF switch on DC Supply side, not on AC output side of RFL.

**NOTE:** Do not remove the bolt retaining the 2 transistors, found at the supply side of the RFL.

**FREE TECHNICAL ASSISTANCE** contact Redarc Electronics

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Specifications are subject to change without notification.