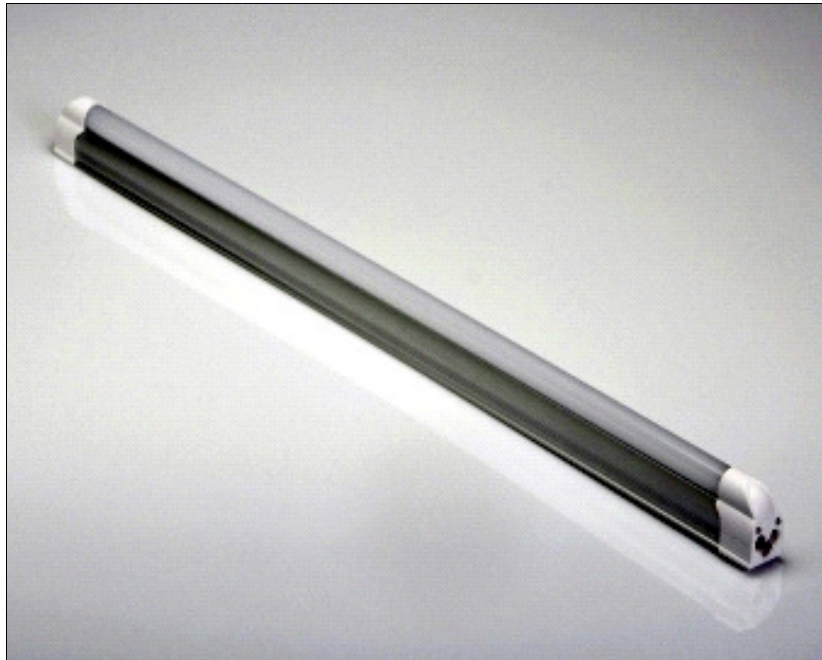


High Performance - T5 Fluorescent Fixture Replacement



Type 502

Description

The Uni-light Fluorescent Fitting Replacement (FFR-T5) is available in two lengths, 600 mm or 1,200 mm. Two different end caps styles are available. Type 503 enables the installer to close-couple one unit with the next using a small inter-connector (provided).

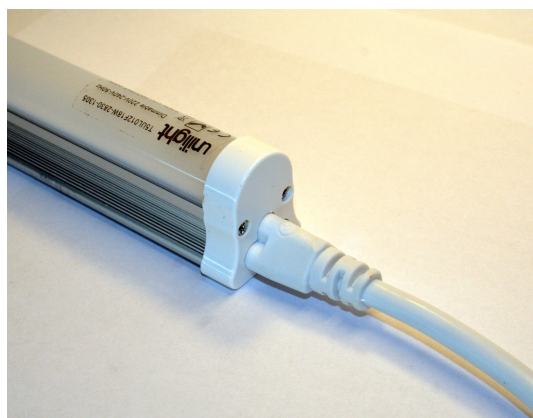
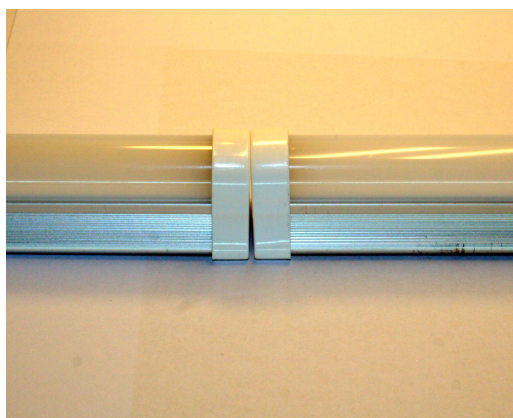
Type 502 design has a more aesthetic look and is good for applications where the units are spaced apart but T502 may also be close-coupled. Interconnecting cables and Solid Connectors are supplied for both applications.

The Uni-light FFR-T5 has the same unique patented driver circuitry as the other products along with the thermal management circuitry that controls the temperature of the LED junction and automatically dims the LED should an over-temperature condition occur. This unique feature helps to extend the life of the LEDs and thus, the life of the entire light.

The output light levels are double that of an equivalent fluorescent. The additional features of full dimming and 50000 hour longevity makes this FFR-T5 the most energy efficient on the market. Either Warm White or Cool White versions should be specified.



High Performance - T5 Fluorescent Fixture Replacement



Type 503

Specification - Type 502 & 503

Model No ULFFR-T5	2F-18W-502/503	4F-36W-502/503
Nominal Wattage W	18	36
Operating Voltage V	110/240	110/240
Frequency Hz	50/60	50/60
Lumen Output / watt	95-110	95-110
Colour Temp K – WW	2,700 – 3,000	2,700 – 3,000
Colour Temp K – CW	6000	6000
Dimmable %	100	100
EMI	negligible	negligible
Power Efficiency %	90	90
Physical Size (LxHxW) mm	600 x 30 x 22	600 x 30 x 22
Weight g	142	360
LED working life Hrs	50,000	50,000
Warranty Yrs	5	5

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High Performance - T5 Fluorescent Fixture Replacement

Application



Installation of T5 tubes on MS Rotterdam

In a bid to embrace the new LED technology and to save energy a double line of 36W fluorescent T8 fluorescent tubes were replaced with a single row of Uni-light FFR T5 warm white units in the main lounge.

This resulted in significant energy saving. Due to the high lumen output, the single line of replacement T5's gives the same illumination capability as the double line of T8 fluorescents.

The company achieved 63.7% energy saving on lighting, 66.3% saving on heat reduction and 2.67kg on weight reduction.