

Economy - T8E LED Tubes



Description

The Uni-light Economy T8E LED tubes can be used as replacements for standard fluorescent tubes with minimal changes to the luminaire or batten fixture. They are available in two lengths, 600 mm, 1200mm and will install in most batten-mounted fixture or lay-in luminaires with G13 connectors. These tubes do not need a ballast resistor or starter to operate successfully. Full preferred wiring configuration details are supplied with the tubes.

The light output levels from the Uni-light Economy T8E tubes are typically 15% and 25% more than the equivalent fluorescent tube for around half the power consumption. Furthermore the economy LED tubes direct the light output across an included angle of around 240 degrees. This means that the delivered light from the LED tubes has reduced reflected losses when compared with the fluorescent tubes.

Uni-light Economy T8E Tubes have a 50,000 hour lifespan and a choice of either warm white or cool white. In common with the rest of the Uni-light range maintenance costs are reduced as the lights will not need a regular replacement schedule.

In summary the Uni-light Economy LED T8E tubes will normally return the initial investment within 1-3 years and will outlast any fluorescent tube by a factor of 2-5. In line with other Uni-light economy products the T8E tube range has a 3 year warranty.



Unilight Economy - T8E LED Tubes



Specification - T8E Type — Economy

Model No: UL-KDM-T8E	2F-10W-WW	2F-10W-CW	4F-18W-WW	4F-18W-CW
Nominal Watts W	10	10	18	18
Operating Voltage V	110/240	110/240	110/240	110/240
Frequency Hz	50/60	50/60	50/60	50/60
Light output lm/W	95-110	95-110	95-110	95-110
Dimmable %	No	No	No	No
Colour Temp K	2700 – 3000	6000	2700 – 3000	6000
Power Efficiency %	92	92	92	92
LED working life hrs	50,000	50,000	50,000	50,000
Fitting	G13	G13	G13	G13
Diameter	28.5	28.5	28.5	28.5
Length	62	62	122	122
Warranty Yrs	5	5	5	5
Weight g	140	140	270	270
Mercury Content	none	none	none	none
EMI	negligible	negligible	negligible	negligible

Note: The T8E tubes operate with no ballast in the fixture