

eLighting

ULTRA T5 LED

Product Description

eLighting's Brand new range of Ultra-Series takes over from its predecessor the Blue Series to set a new standard in lighting technology. An LED tube rendering the highest quality of light and luminous intensity presently available with unrelenting drive rated to 70 000 hours over its 5 year guarantee. Producing up to 155lm/w the Ultra performs to the highest standard in lumen out-put, maintenance and colour rendition. The Ultra Series is an uncompromising South African manufactured LED tube.



FEATURES

Internal Driver

Thin 22mm Diameter

3000K / 4000K / 5000K / 6000K

Efficacy 145-155lm/w

5 Year Warranty

Optional Rotatable End Caps

70000hrs

Hazard Free / Shatter proof

Flicker Free

Made in South Africa

Construction & Installation

Designed for easy T5 retrofit installation. The eLighting ultra 22mm diameter T5 LED tube is constructed with a light weight 6063 aluminium alloy casing for effective thermal management, diffusing light through an opaque polycarbonate lens. The G5 end caps are available in the standard or rotatable format to suit every application. The 22mm diameter casing allows for the high quality driver to be built inside the tube making installation quick and hassle free.

Electrical Specifications

eLighting ultra tube lights operate on 100 ~ 305V AC. Utilizing a premium quality electronic driver set offering reduced harmonic distortion and electromagnetic interference with no visible flicker. Completely Flicker free versions are available to compliment the these highly efficient LED lamps along with close to perfect power factor and system efficiency. Driver performance can be customised to client specification

Applications

The EL panel light is the ideal retrofit solution for schools, gyms, offices, retail outlets, factories and most indoor environments including food processing facilities.

Fixture Compatibility

Rated Power	Electrical Classification	Ingress Protection	Operating T°	Operating Humidity	Storage T°
12W 18W 23W	Class II	IP44	-25 ~+45°C	0~90%	-25 ~+65°C

Technical Specifications

T5 Ultra-Lite

155lm/w

Model	Length	Power	Luminous Flux	Colour	Beam Angle	CRI
T5UL4L	1150mm	12W	1860lm	3000K, 4000K, 5000K, 6000K	120°	84Ra
T5UL4L	1450mm	18W	2790lm	3000K, 4000K, 5000K, 6000K	120°	84Ra

T5 Ultra-Lux

145lm/w

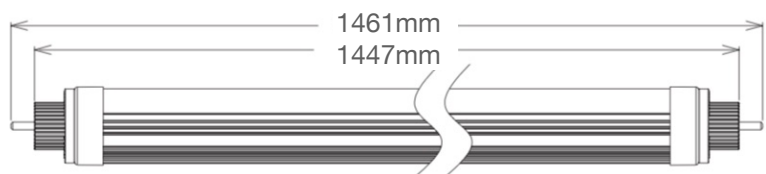
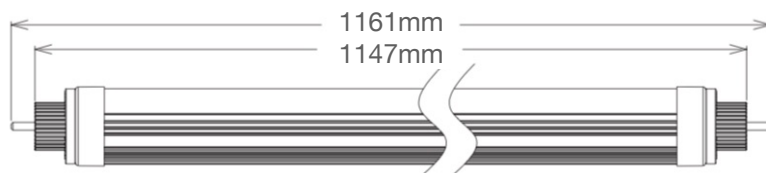
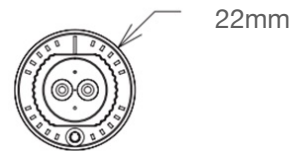
Model	Length	Power	Luminous Flux	Colour	Beam Angle	CRI
T5UL4L	1150mm	18W	2610lm	3000K, 4000K, 5000K, 6000K	120°	84Ra
T5UL4L	1450mm	23W	3335lm	3000K, 4000K, 5000K, 6000K	120°	84Ra

FEATURES

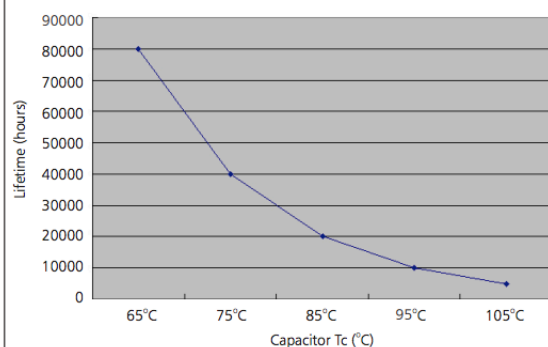
Performance Summary

Input Voltage	100V - 305V AC
Frequency	50 / 60 Hz
Efficiency	86%
Power Factor	0.97
Short Circuit Protection	Yes
Rated input Current	≤0.29A
Rated Life	70000hrs L70 b10
Flicker Index	0.10
THD	16%
SDCM	>3

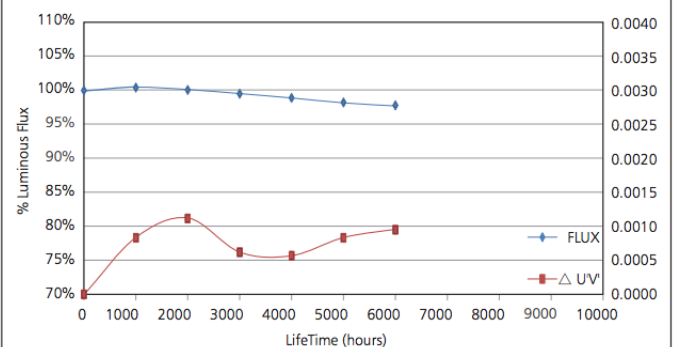
Tube Dimensions



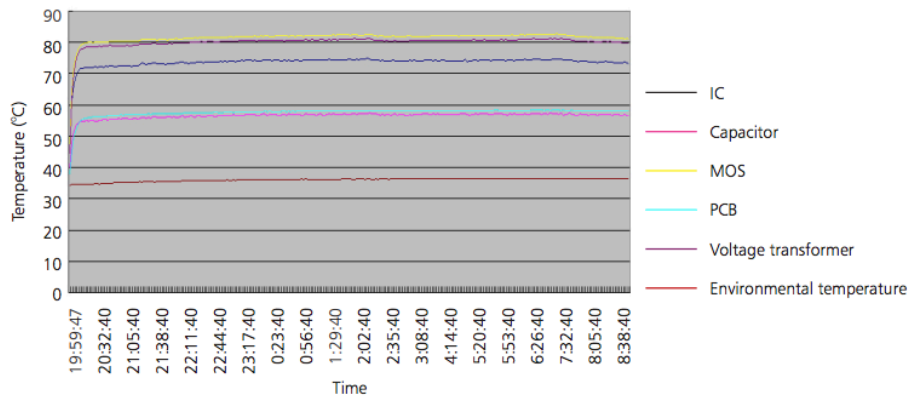
Driver Lifetime



LED Light Decay Rate

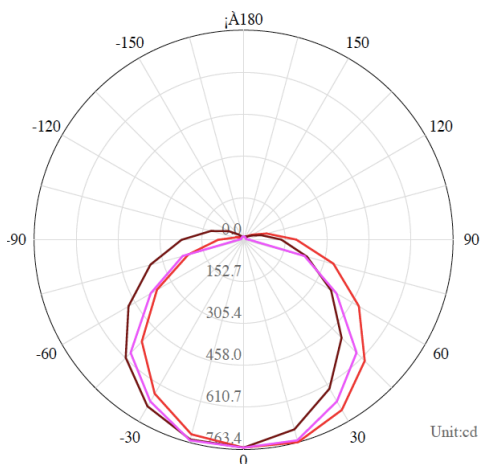
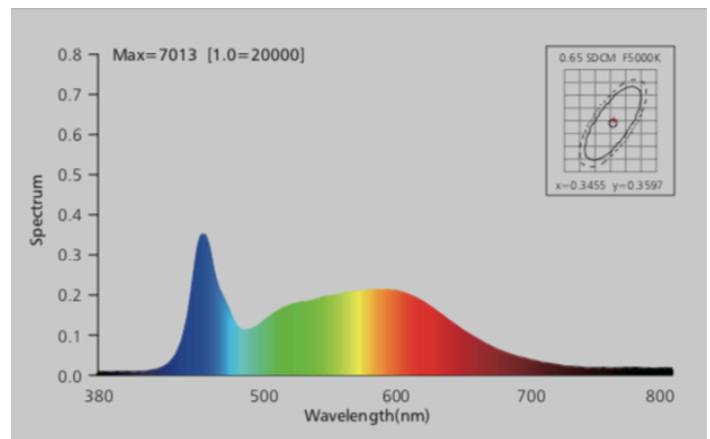
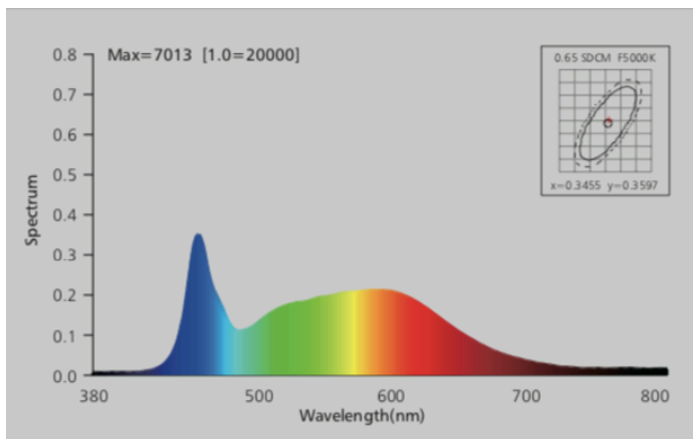
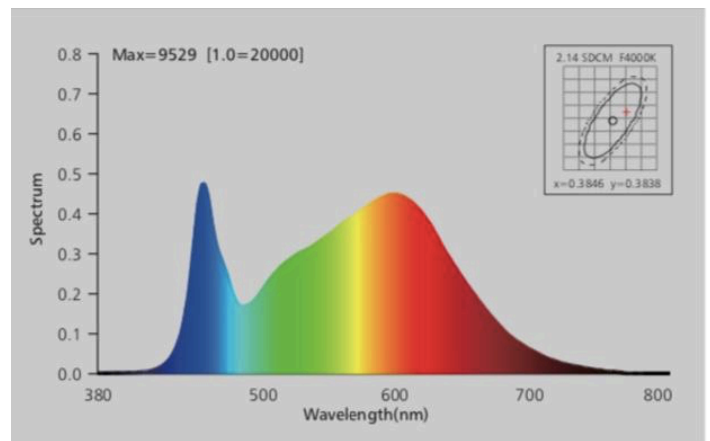
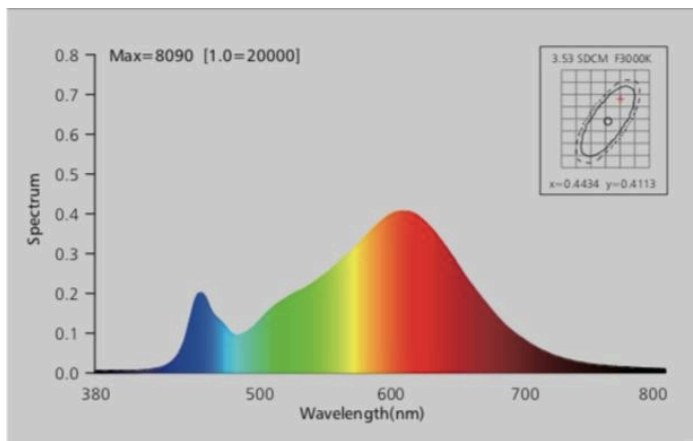


Driver Temperature



The driver lifespan is based on capacitor working temperature.

Spectral Data



IES Files available upon request