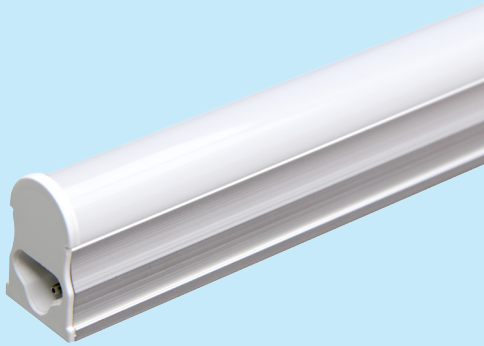


# Technical Application Guide for UP-SHINE LED Tube Light

UP-T525W1500-D

# Introduction



Up-shine LED tube T5 is designed with integrated structure, using 2835SMD LED as light source, CRI>80. V0 fire-rated full PC cover ensures high light transmittance and safe installation. With Built-in driver in light fixture, our T5 tubes achieve high lighting performance and good heat dissipation.

- Up to 70% energy saving compared to traditional tube
- Long lifetime of 40,000 hours
- 120° wide beam angle
- 1500mm length
- CCT: 3000K 4000K 5000K 5700K
- No UV/IR light
- Environment friendly, without Mercury or any other hazardous substances

## Application notes

- IP20 for indoor use only
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

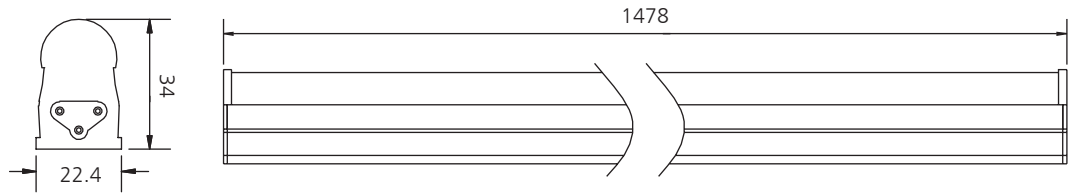
## Application Areas

Suitable for commercial and residential applications like office, supermarket, shop, school, hotel, restaurant, workshop, warehouse, home etc.

## Certificates

**CE** **RoHS**

# Product Information



## Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
UP-T525W1500-D	AC100-240V	25W	≥0.9	1870	120°	3000K	40000h	≥80	No	L1478*W22.4*H34mm
UP-T525W1500-D	AC100-240V	25W	≥0.9	1950	120°	4000K	40000h	≥80	No	L1478*W22.4*H34mm
UP-T525W1500-D	AC100-240V	25W	≥0.9	1970	120°	5000K	40000h	≥80	No	L1478*W22.4*H34mm
UP-T525W1500-D	AC100-240V	25W	≥0.9	2000	120°	5700K	40000h	≥80	No	L1478*W22.4*H34mm

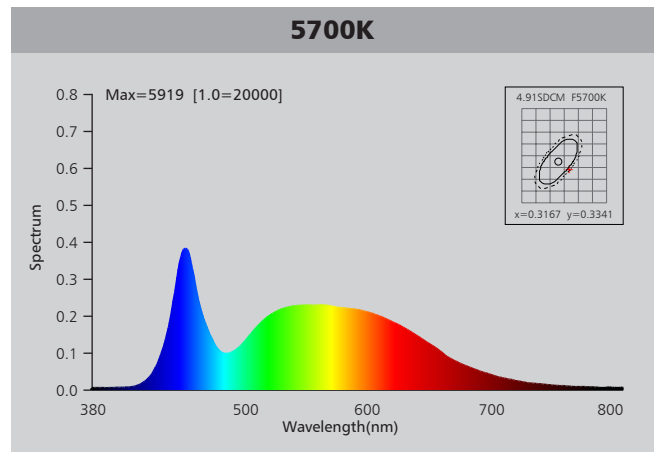
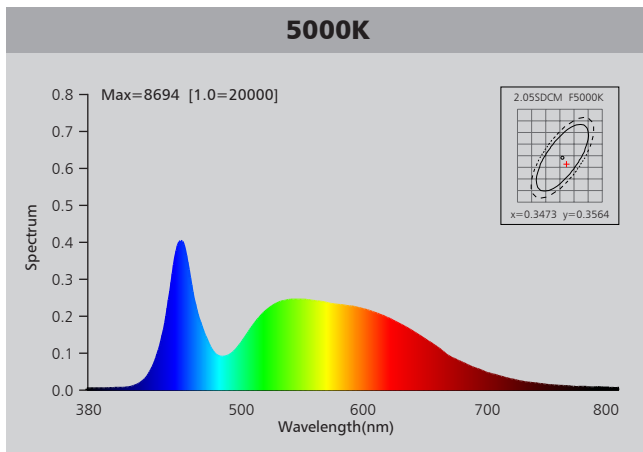
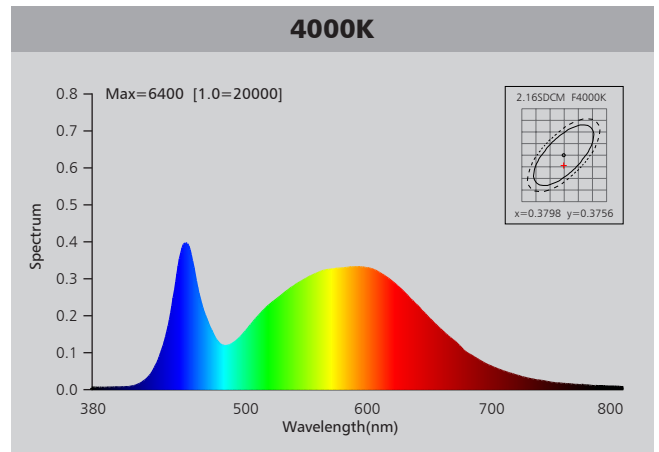
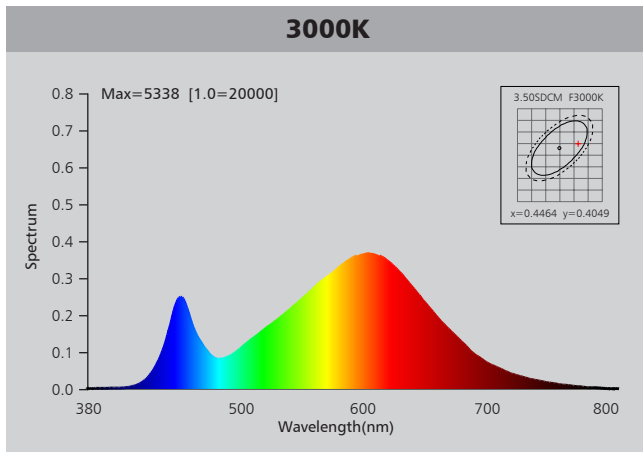
## Driver data Sheet

Driver data	Non-dim
Input rated Voltage	AC100-240V
Frequency	50/60Hz
Input Voltage	AC85-265V
Efficiency	≥87%
Total load Wattage	25W±5%
Power Factor	≥0.9
Rated input current	≤0.28A
Full load output Voltage	DC70-80V
Rated output current	310mA
Output current range	310mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
Withstand voltage	AC1500V

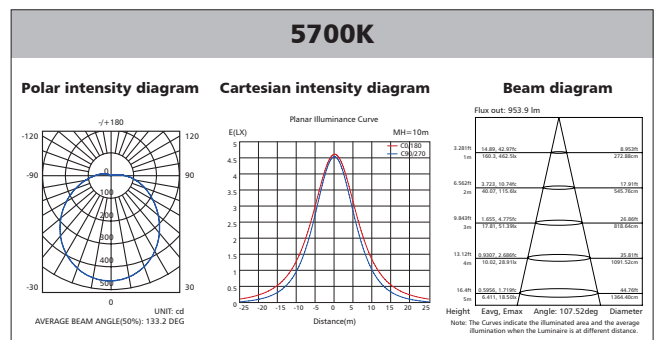
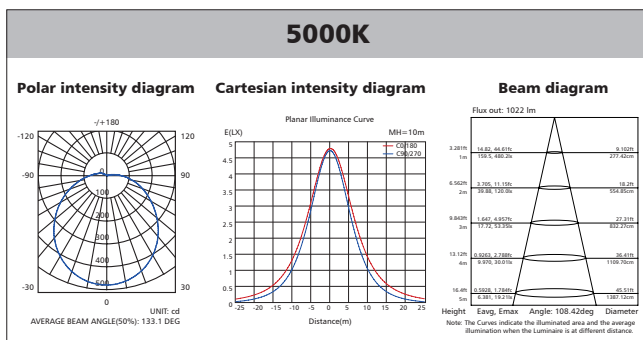
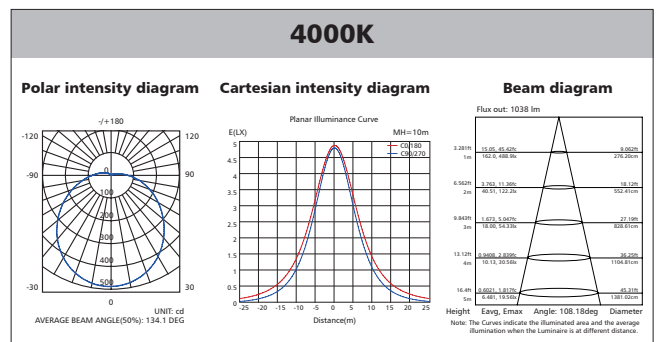
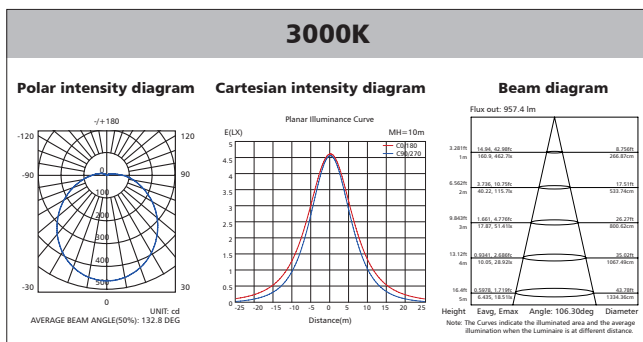
## Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
25W	I	IP20	-20°C~45°C	0~90%	-20°C~65°C

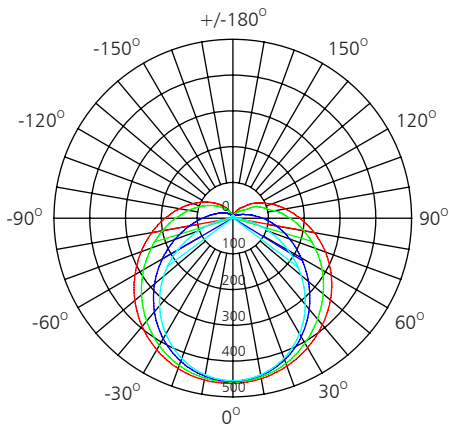
# Spectral Distribution



# Photometric Diagram



# Polar Diagram Comparison



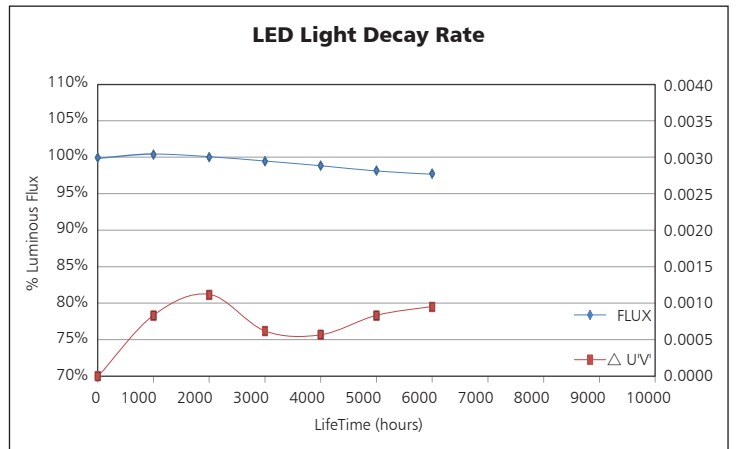
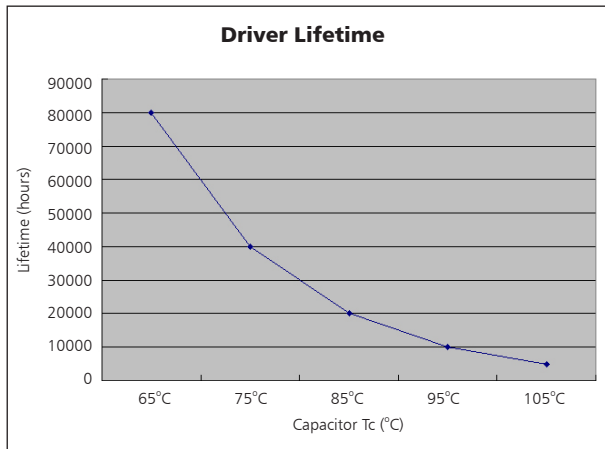
UNIT: cd

- C0/180, 160.1 deg
- C30/210, 146.9 deg
- C60/240, 118.7 deg
- C90/270, 107.0 deg

AVERAGE BEAM ANGLE (50%): 133.2DEG

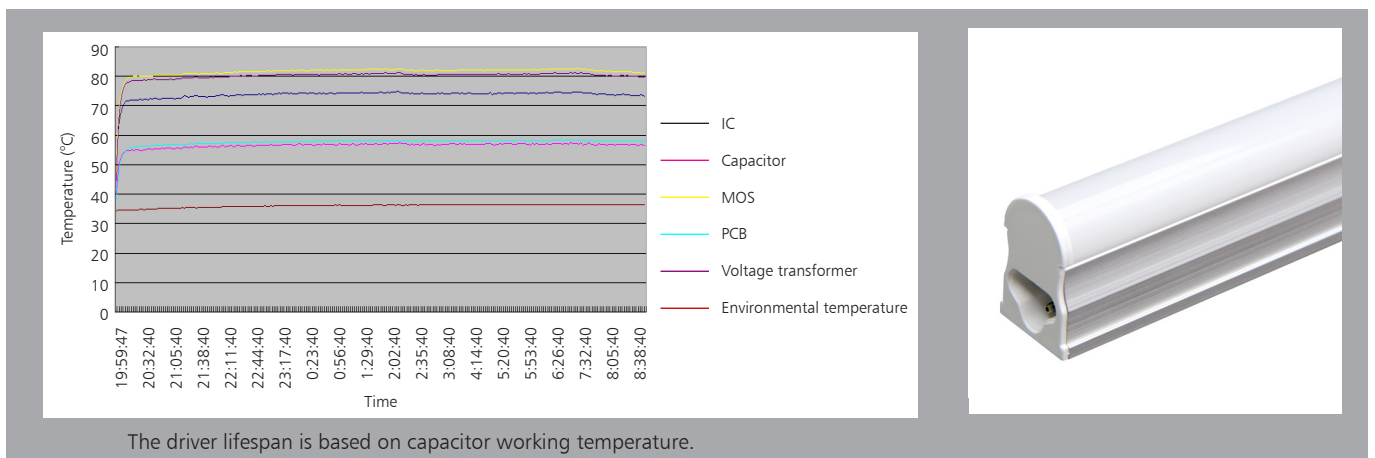


# Driver lifetime & LED light decay rate

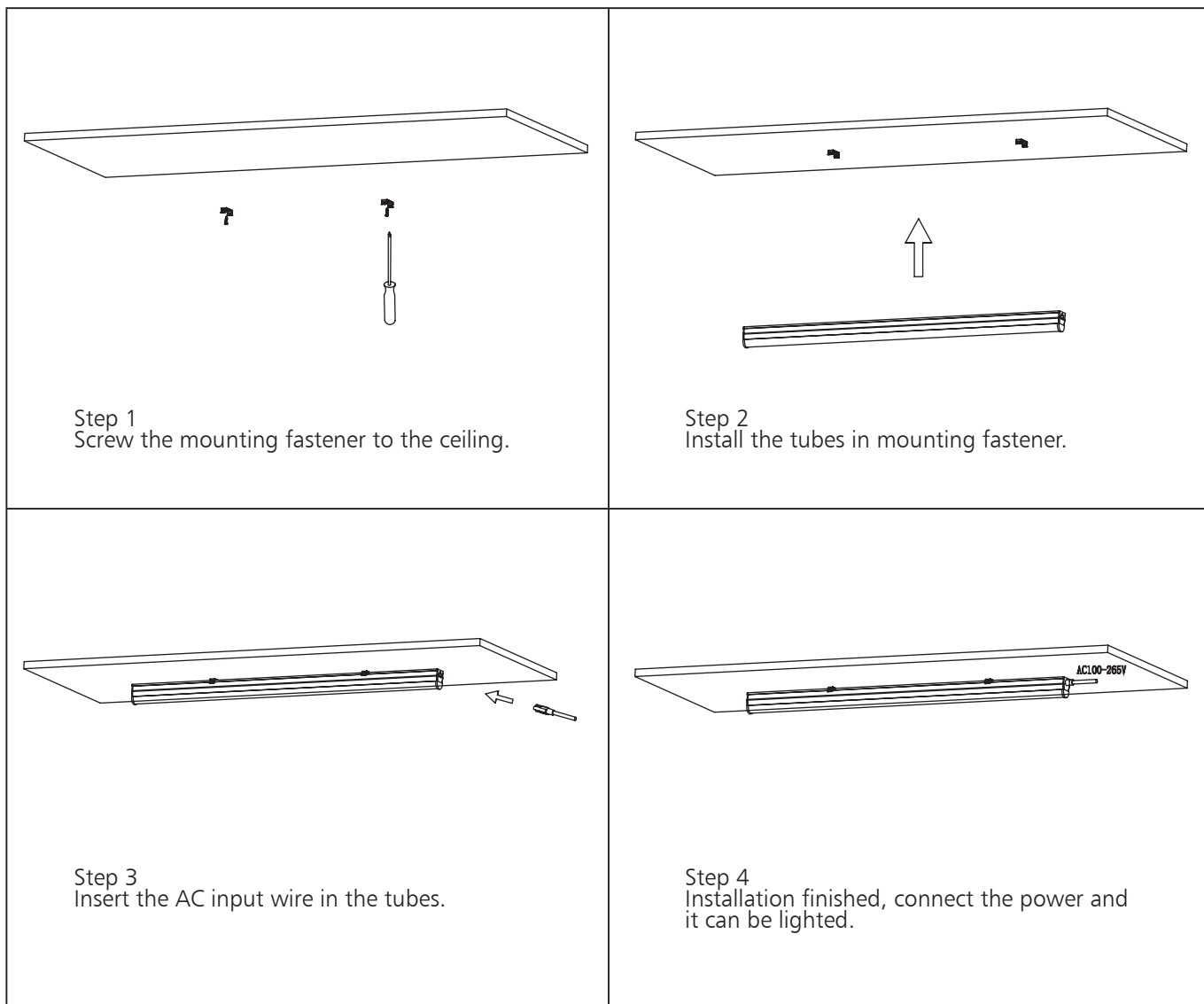


# Temperature

- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



# Installation



# Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	158*24*16.5	0.45	13	25

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	440	11000	28
40" standard container	880	22000	56

