

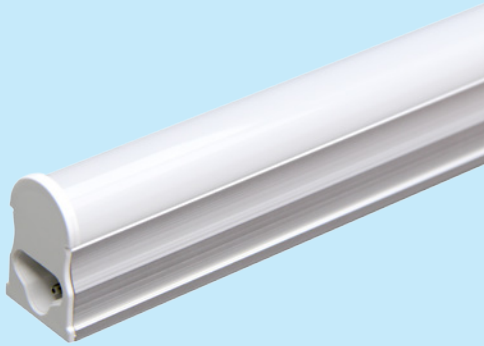


FDV

BA- Lighting AS

BA1103-T5-8W0,6-TRIAC

Introduction



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
- 600mm 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

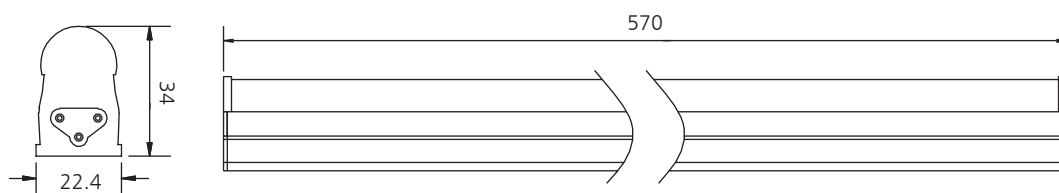
Application Areas

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
BA-T58W600-D	AC100-240V	8W	≥0.9	625	120°	3000K	40000h	≥80	No	L570*W22.4*H34mm
BA-T58W600-D	AC100-240V	8W	≥0.9	655	120°	4000K	40000h	≥80	No	L570*W22.4*H34mm
BA-T58W600-D	AC100-240V	8W	≥0.9	670	120°	5000K	40000h	≥80	No	L570*W22.4*H34mm
BA-T58W600-D	AC100-240V	8W	≥0.9	690	120°	5700K	40000h	≥80	No	L570*W22.4*H34mm

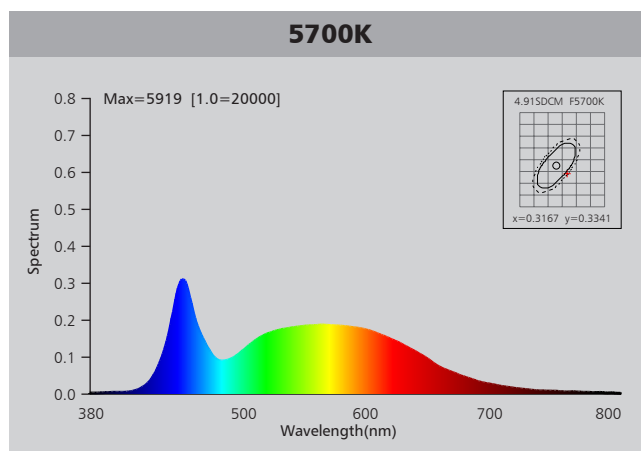
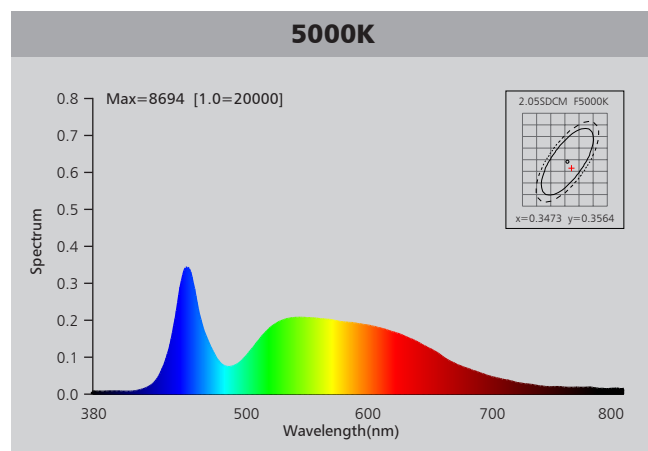
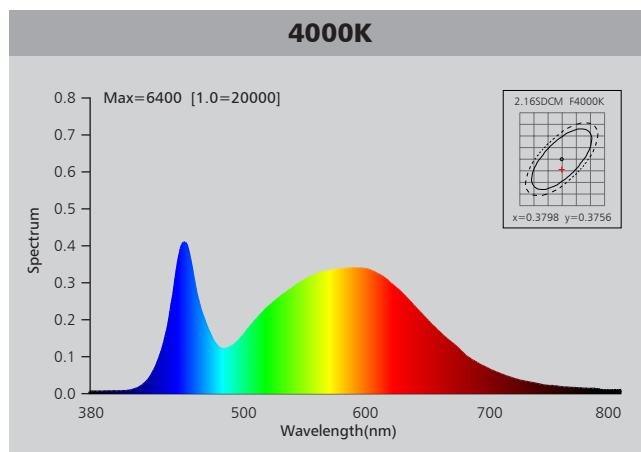
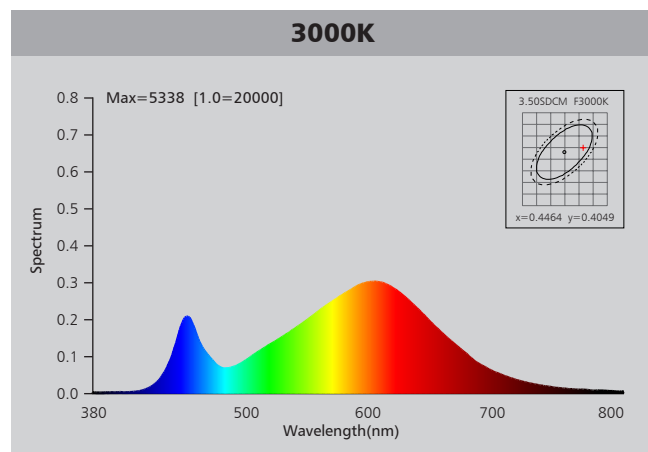
Driver data Sheet

Driver data	Non-dim
Input rated Voltage	AC100-240V
Frequency	50/60HZ
Input Voltage	AC85-265V
Efficiency	≥90%
Total load Wattage	8W±1W
Power Factor	≥0.9
Rated input current	≤0.09A
Full load output Voltage	DC70-80V
Rated output current	100mA
Output current range	100mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
Withstand voltage	AC1500V

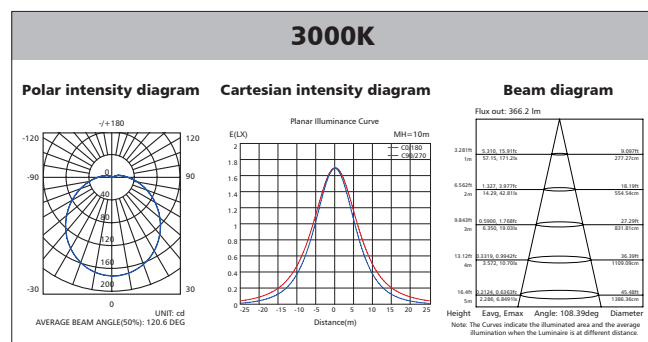
Fixture Compatibility

Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
8W	I	IP20	-20°C~45°C	0~90%	-20°C~65°C

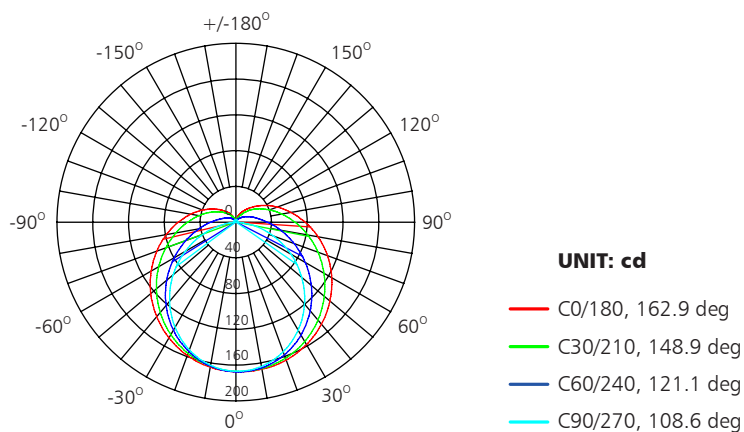
Spectral Distribution



Photometric Diagram



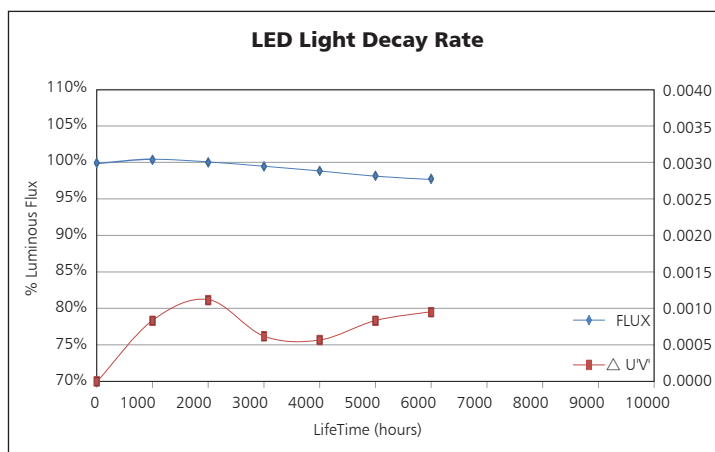
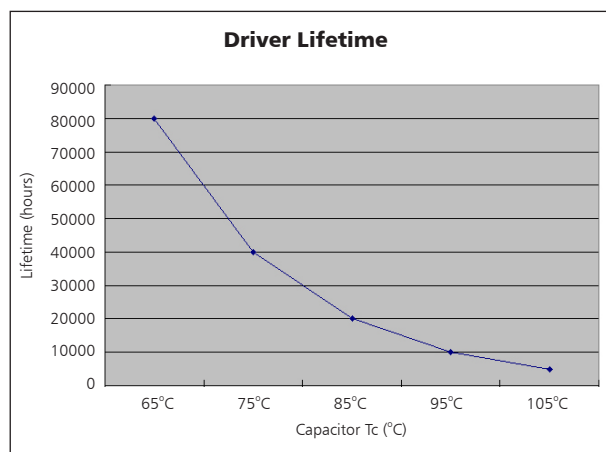
Polar Diagram Comparison



AVERAGE BEAM ANGLE (50%): 121.2DEG

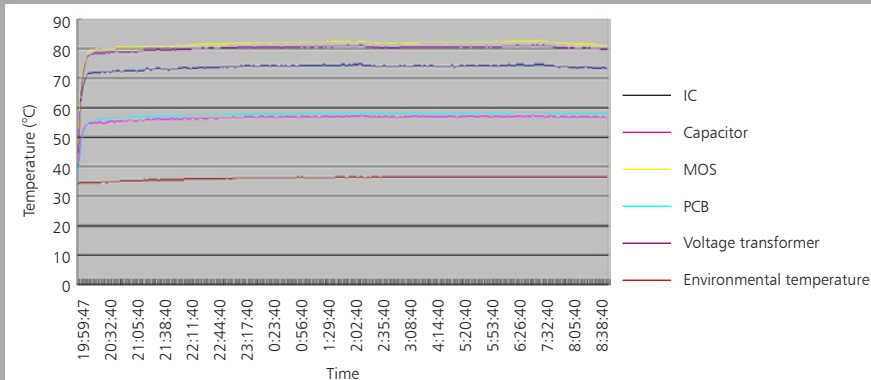


Driver lifetime & LED light decay rate



Temperature

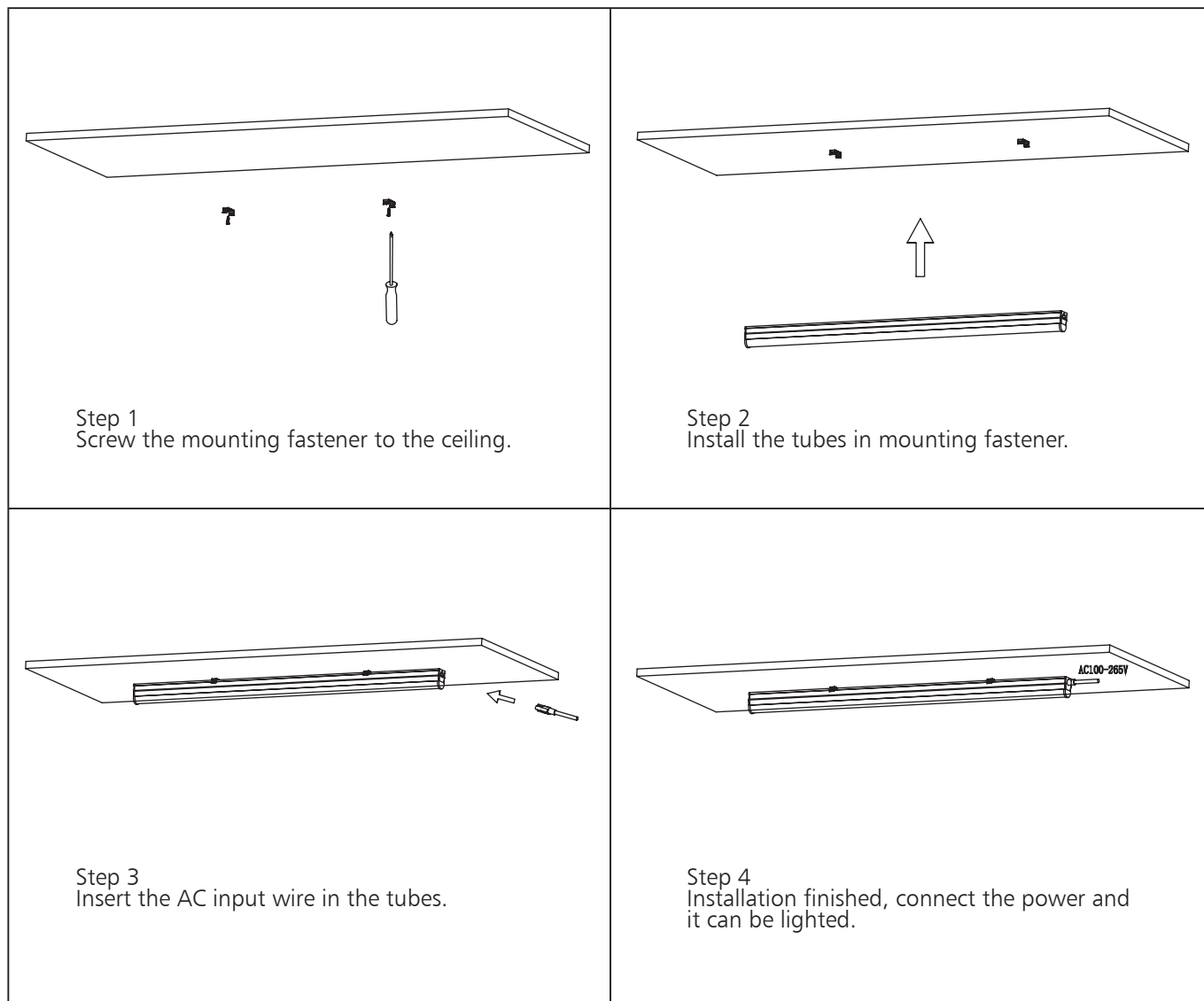
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



The driver lifespan is based on capacitor working temperature.



Installation



Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	134*24*16.5	0.3	17	50

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	510	25500	28
40" standard container	1020	51000	56

