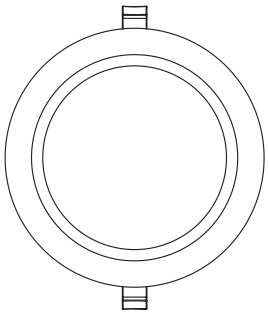
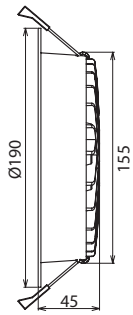
Product Information





Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam angle	CCT	Lifespan	CRI	Dimmable	Dimension
SPA-97DL6	AC230V	25W	≥0.9	2420	90°	3000K	40000h	≥80	No	Ø190*45mm cutout 160-170mm
SPA-97DL6	AC230V	25W	≥0.9	2500	90°	4000K	40000h	≥80	No	Ø190*45mm cutout 160-170mm
SPA-97DL6	AC230V	25W	≥0.9	2540	90°	5000K	40000h	≥80	No	Ø190*45mm cutout 160-170mm
SPA-97DL6	AC230V	25W	≥0.9	2590	90°	5700K	40000h	≥80	No	Ø190*45mm cutout 160-170mm
SPA-97DL6D	AC230V	25W	≥0.9	2370	90°	3000K	40000h	≥80	Yes	Ø190*45mm cutout 160-170mm
SPA-97DL6D	AC230V	25W	≥0.9	2440	90°	4000K	40000h	≥80	Yes	Ø190*45mm cutout 160-170mm
SPA-97DL6D	AC230V	25W	≥0.9	2500	90°	5000K	40000h	≥80	Yes	Ø190*45mm cutout 160-170mm
SPA-97DL6D	AC230V	25W	≥0.9	2540	90°	5700K	40000h	≥80	Yes	Ø190*45mm cutout 160-170mm

Driver data Sheet

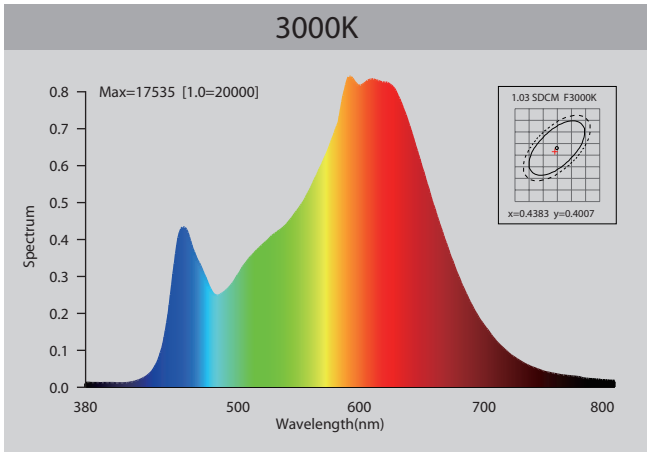
Driver data	DIM	Non dim
Input rated Voltage	AC230V	AC230V
Frequency	50Hz	50/60Hz
Input Voltage	AC200-240V	AC200-240V
Efficiency	≥85%	≥86%
Total load Wattage	25W±5%	25W±5%
Power Factor	≥0.9	≥0.9
Rated input current	≤0.14A	≤0.15A
Full load output Voltage	DC23-40V	DC27-40V
Rated output current	600mA	580mA
Output current range	600mA±5%	580mA±5%
Power tolerance	±5%	±5%
Current output tolerance	±5%	±5%
Dimming range	8%-100%	—
Dimmer	Triac dimmers	—
Short circuit protection	PASS	PASS
Over voltage protection	PASS	PASS
Over temperature protection	PASS	PASS
THD	≤18%	≤18%
Withstand voltage	AC3750V	AC3750V

Fixture Compatibility

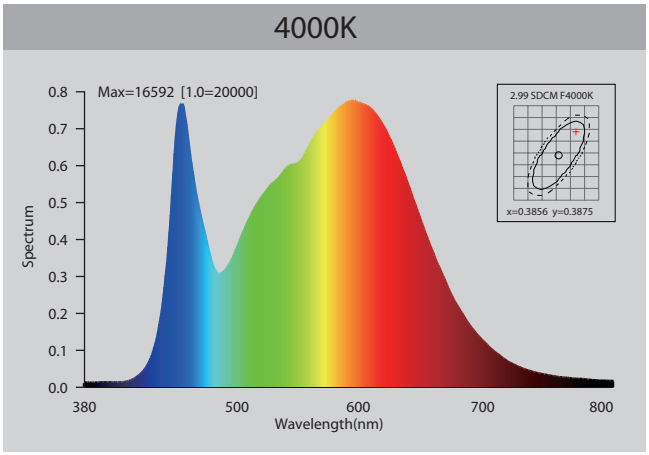
Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
25W	II	IP54	-20°C~45 °C	0~90%	-20°C~65 °C

Spectral Distribution

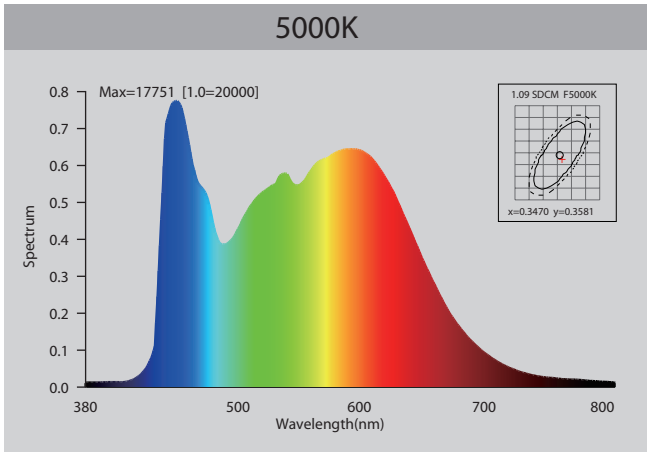
3000K



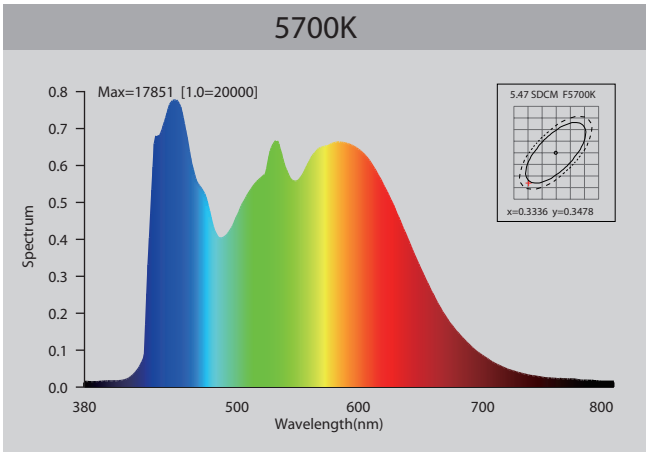
4000K



5000K

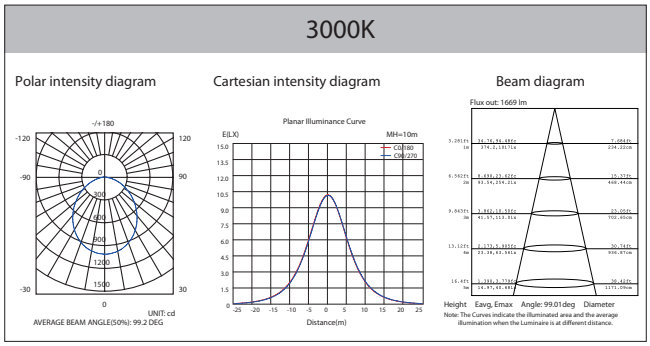


5700K



Photometric Diagram

3000K



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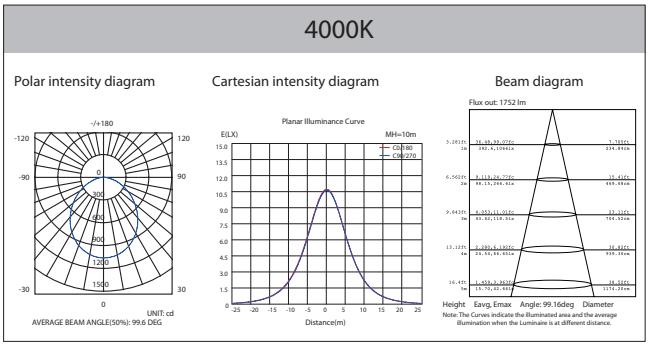
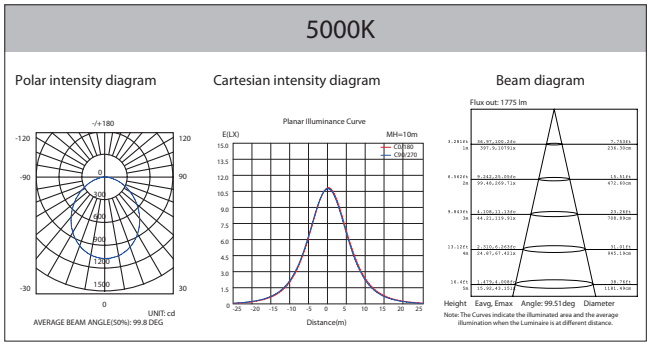
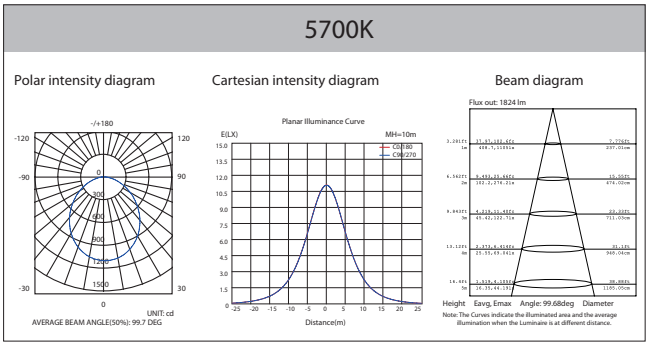


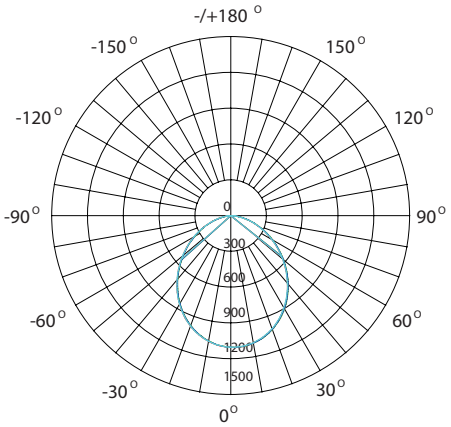
5000K



5700K



Polar Diagram Comparison

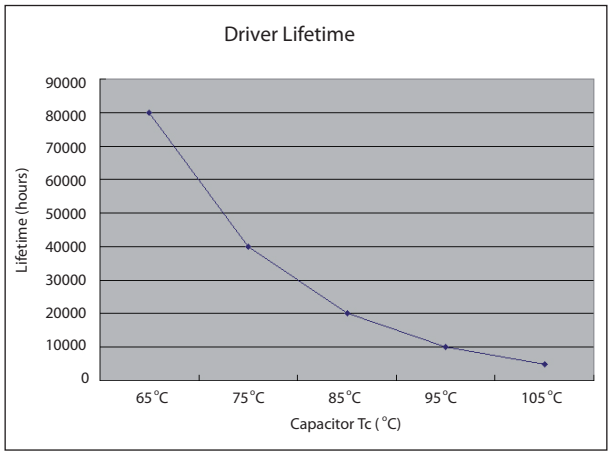


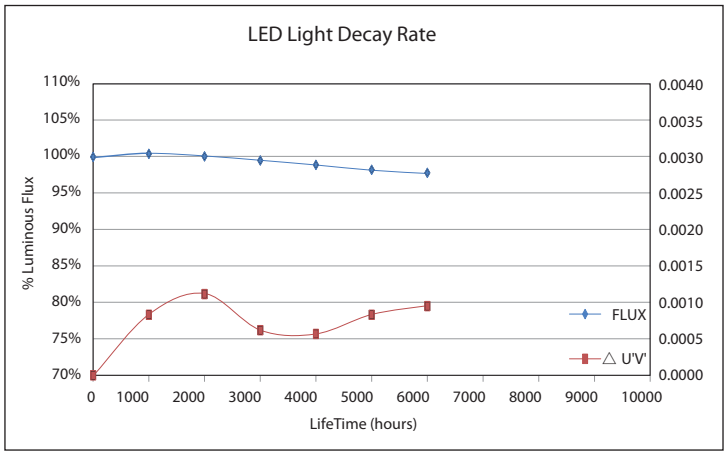
UNIT: cd

- C0/180, 99.7 deg
- C30/210, 99.7 deg
- C60/240, 99.7 deg
- C90/270, 99.7 deg

AVERAGE BEAM ANGLE (50%): 99.7DEG

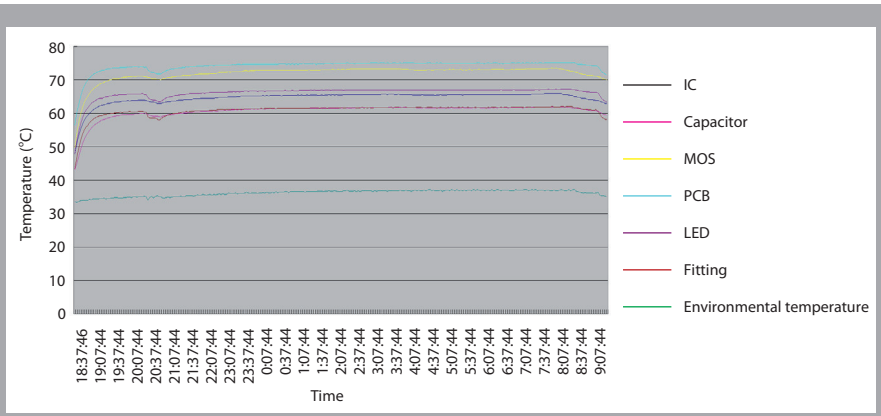
Driver lifetime & LED light decay rate





Temperature

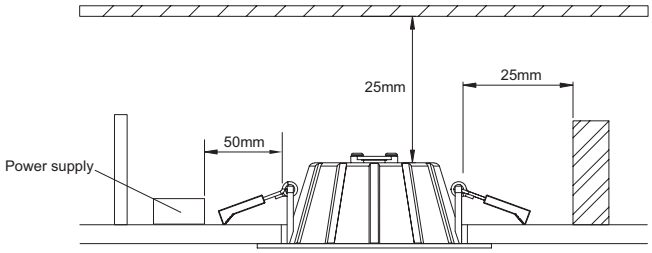
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C

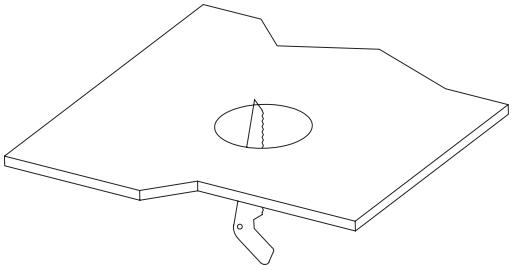


The driver lifespan is based on capacitor working temperature.

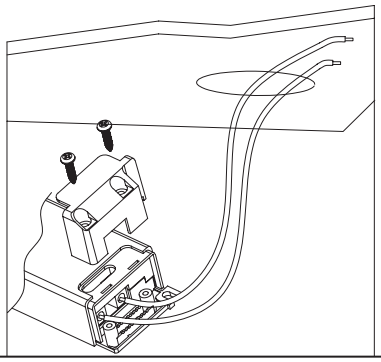
Installation

Install requirements	
A-gap above the fitting	25mm
B-gap to the building material	25mm
C-gap to the thermal insulation	25mm

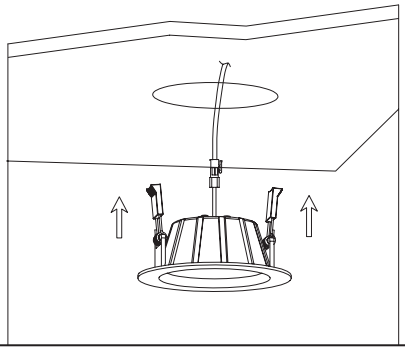


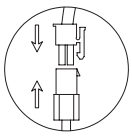


1. Open a hole according to the cutout size of led downlight.

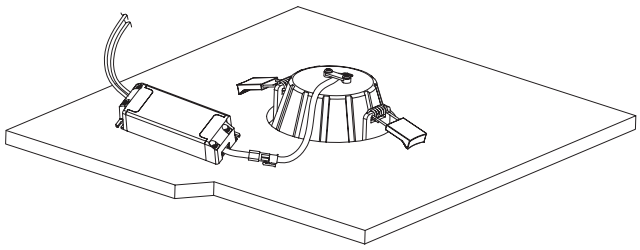


2. Use screw-driver to open the driver terminal cover, feed the main AC wire L. N. in terminal block respectively, then fix the cover back.





3. Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.



4. Make sure the downlight fixed tightly in ceiling, turn on the power (Fig 1).