

LED Waterproof Downlight 5000K-5700k



Specification

SKU	DLIP65-25-C
Dimensions	Ø195*46.5mm cutout 175-185mm
Wattage (W)	25W
Power Factor	≥0.9
Input Voltage	AC230V
Lumen (+5%)	2500
Lifespan	40000h
CCT(K)	5000K
Dimmable	Optional
CRI	>80

Driver Data Sheet (Dimmable)

Input rated Voltage	AC230V
Frequency	50Hz
Input Voltage	AC200-240V
Efficiency	≥85%

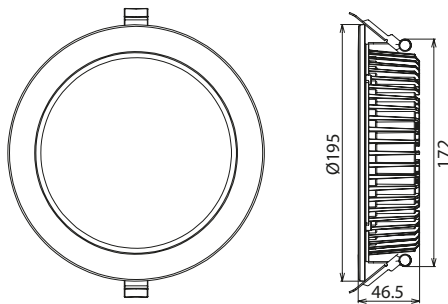
Total load Wattage	25W±5%
Power Factor	≥0.9
Rated input current	≤0.14A
Full load output Voltage	DC23-40V
Rated output current	700mA
Output current range	700mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Dimming range	8%-100%
Dimmer	Triac dimmers
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	≤18%
Withstand voltage	AC3750V

Driver Datasheet (Non-dimmable)

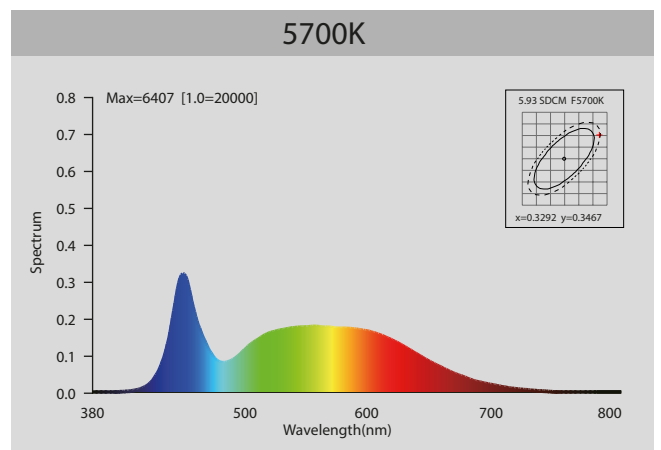
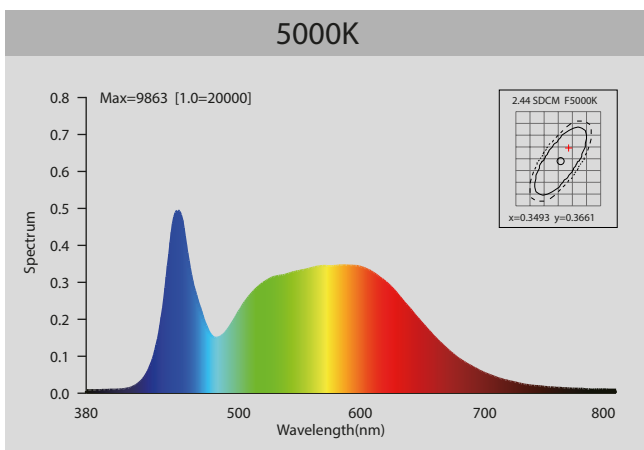
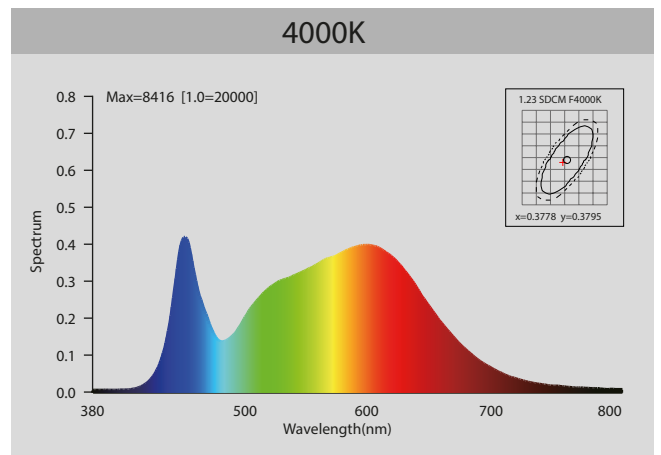
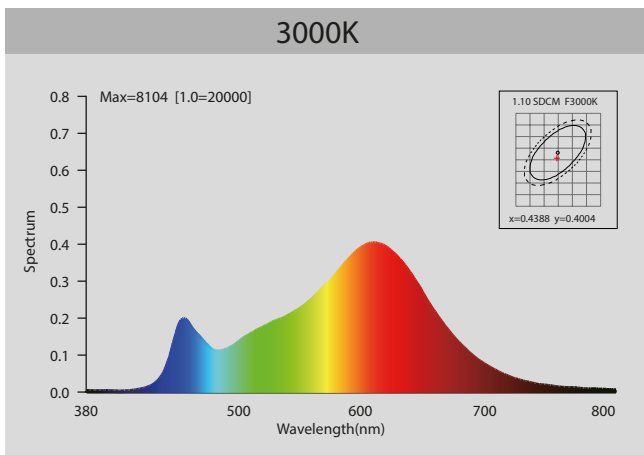
Input rated Voltage	AC230V
Frequency	50/60Hz
Input Voltage	AC200-240V
Efficiency	≥86%
Total load Wattage	25W±5%
Power Factor	≥0.9
Rated input current	≤0.14A
Full load output Voltage	DC24-40V
Rated output current	700mA
Output current range	700mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Dimming range	-
Dimmer	-
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	≤18%
Withstand voltage	AC3750V

Fixture Compatibility

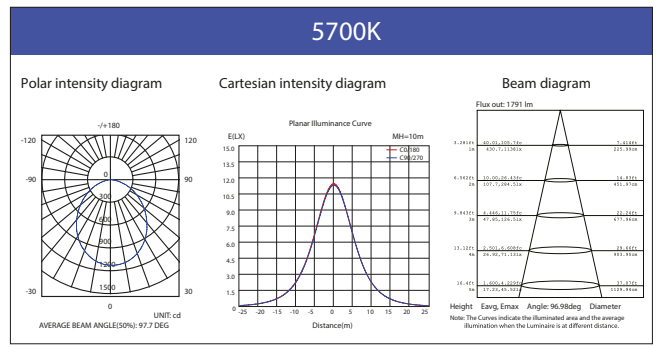
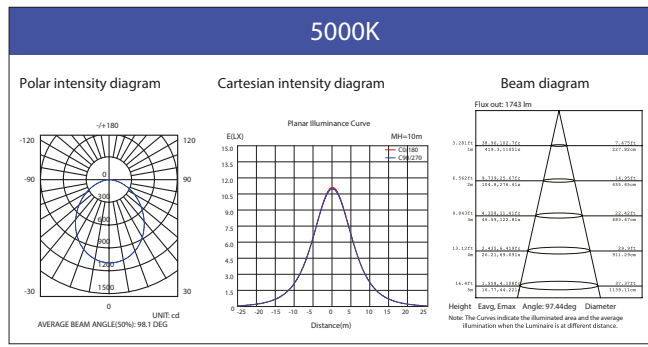
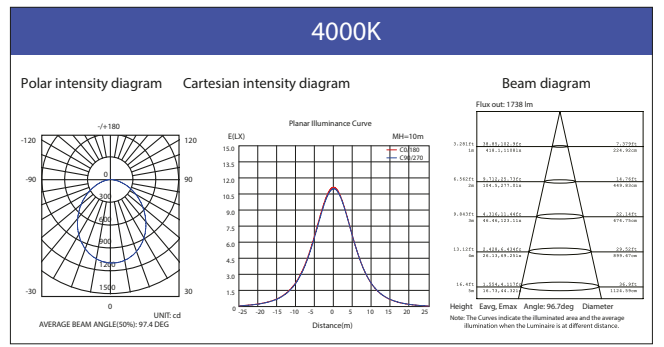
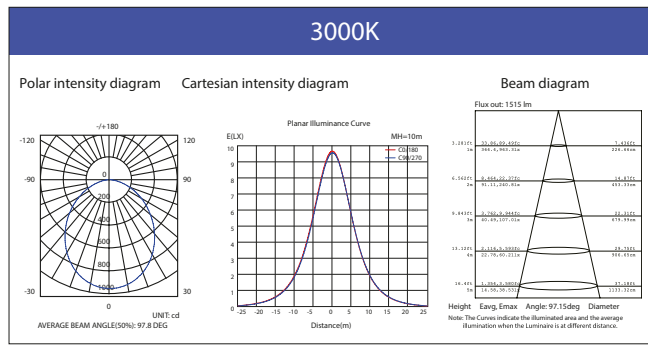
Rated Watage	25W
Electrical Classification	II
Ingress Protection	IP65
Operating Temp	-20°~45°C
Operating Humidity	0~90%
Storage Temp	-20°C~65°C



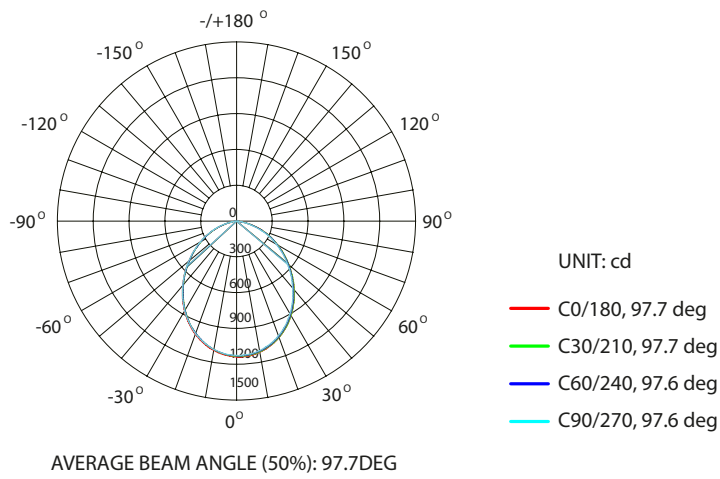
Spectral Distribution



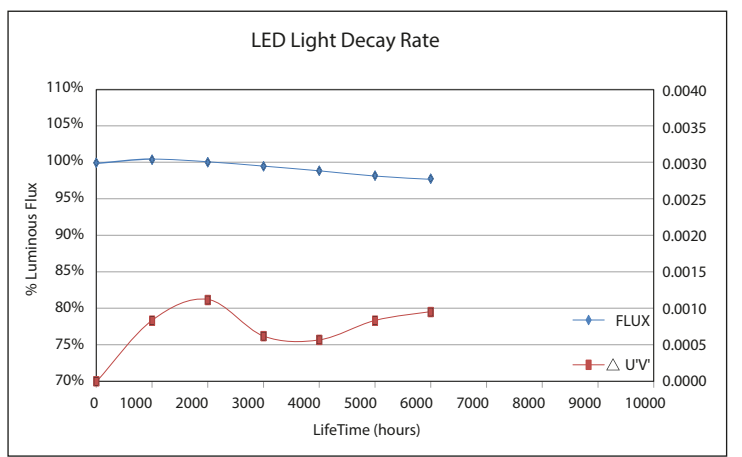
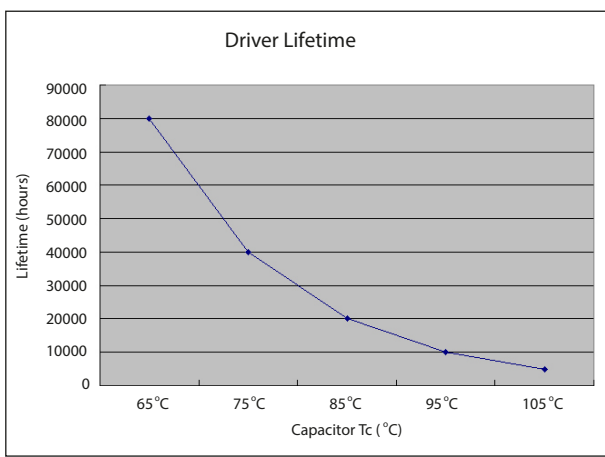
Photometric Diagram



Polar Diagram Comparison

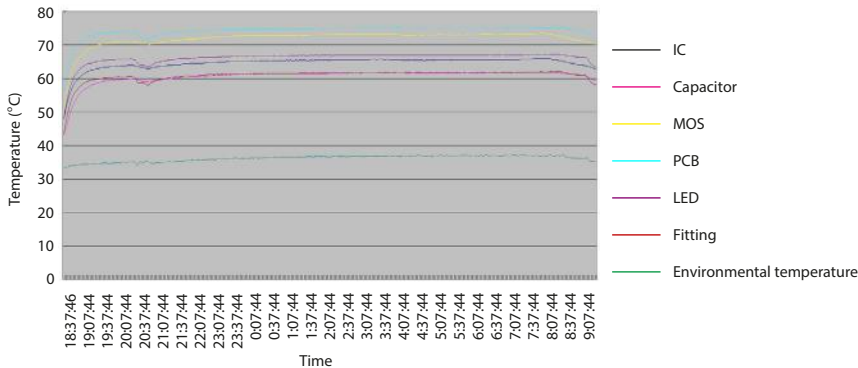


Driver lifetime & LED light decay rate



Temperature

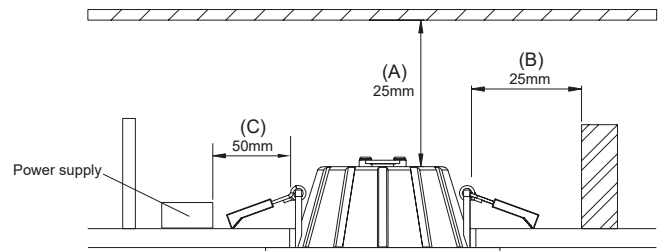
- The testing is operated at 25°C
- The lifetime of capacitor, minimum of 5,000 hours if operated at 105°C, will be doubled whenever the temperature drops 10°C
- The highest withstand temperature of IC, MOS could be 120°C
- The highest withstand temperature of LED junction temperature is 150°C



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	50mm



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).

Packaging Information

	SIZE(CM)	N.W/pc (KGS)	G.W.(KGS)	Q'TY(PCS)
Carton	42*42*39.5	0.75	12.5	12

	CTNS	Q'TY(PCS)	VOLUME(CBM)
20" standard container	396	4752	28
40" standard container	792	9504	56

