



## LED Anti glare Downlight

PS-DL83-8 35 W



### Informations

- Up to 70% energy saving compared to standard CFL
- Long lifetime of 40,000 hours
- 60° wide beam angle
- Ø200-220mm cutout
- CCT: 3000K 4000K 5000K 5700K
- Adjustable and rotary
- 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

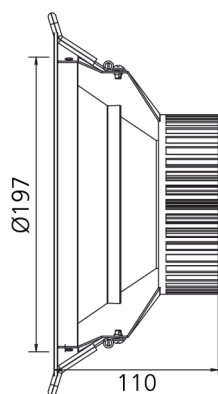
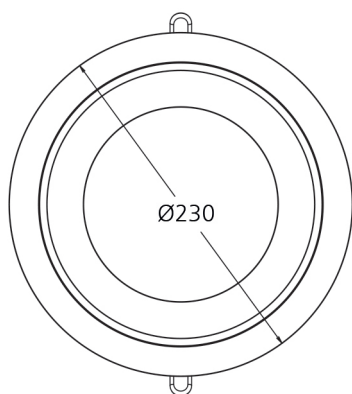
It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.



## Technical Specification

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beamangle	CCT	Lifespan	CRI	Dimmable	Dimension
PS-DL83-8-35W	AC230V	35W	≥0.9	3300	60°	3000K	40000h	≥80	No	Ø230*110mm cutout 200-220mm
PPS-DL83-8-35W	AC230V	35W	≥0.9	3370	60°	4000K	40000h	≥80	No	Ø230*110mm cutout 200-220mm
PS-DL83-8-35W	AC230V	35W	≥0.9	3360	60°	5000K	40000h	≥80	No	Ø230*110mm cutout 200-220mm
PS-DL83-8-35W	AC230V	35W	≥0.9	3700	60°	5700K	40000h	≥80	No	Ø230*110mm cutout 200-220mm
PS-DL83-8-35W	AC230V	35W	≥0.9	3320	60°	3000K	40000h	≥80	Yes	Ø230*110mm cutout 200-220mm
PS-DL83-8-35W	AC230V	35W	≥0.9	3350	60°	4000K	40000h	≥80	Yes	Ø230*110mm cutout 200-220mm
PS-DL83-8-35W	AC230V	35W	≥0.9	3300	60°	5000K	40000h	≥80	Yes	Ø230*110mm cutout 200-220mm
PS-DL83-8-35W	AC230V	35W	≥0.9	3560	60°	5700K	40000h	≥80	Yes	Ø230*110mm cutout 200-220mm

## Dimensions





## Driver Data Sheet

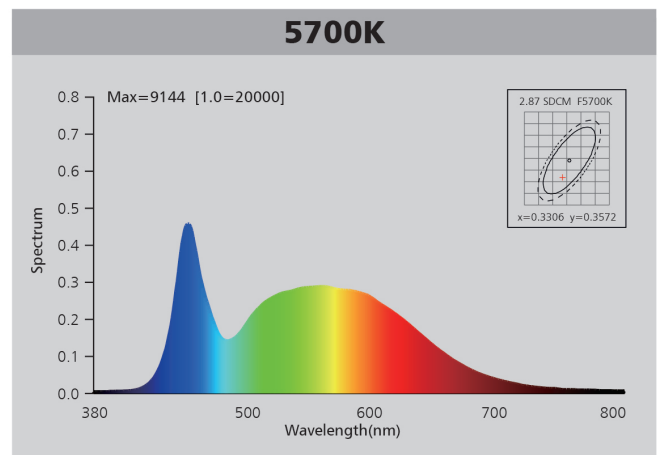
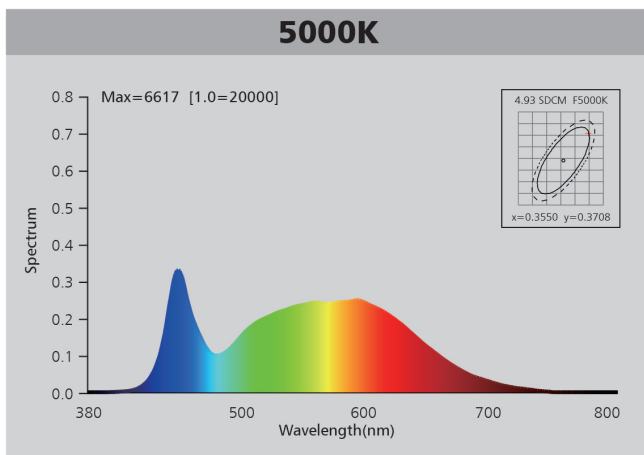
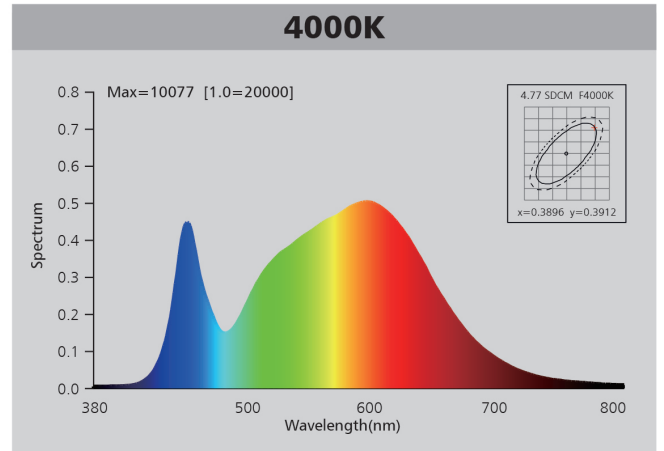
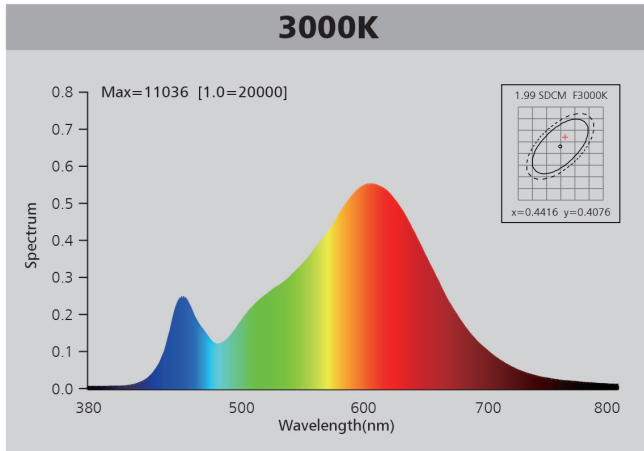
Driver data	DIM	Non-dim
Input rated Voltage	AC230V	AC230V
Frequency	50Hz	50Hz
Input Voltage	AC200-240V	AC200-240V
Efficiency	≥84%	≥85%
Total load Wattage	35W±5W	35W±5W
Power Factor	≥0.9	≥0.9
Rated input current	≤0.2A	≤0.2A
Full load output Voltage	DC23-40V	DC27-40V
Rated output current	800mA	800mA
Output current range	800mA±5%	800mA±5%
Power tolerance	±5%	±5%
Current output tolerance	±5%	±5%
Dimming range	8%-100%	—
Dimmer	Triacdimmers	—
Short circuit protection	PASS	PASS
Over voltage protection	PASS	PASS
Over temperature protection	PASS	PASS
Withstand voltage	AC3750V	AC3750V

## Fixture Compatibility

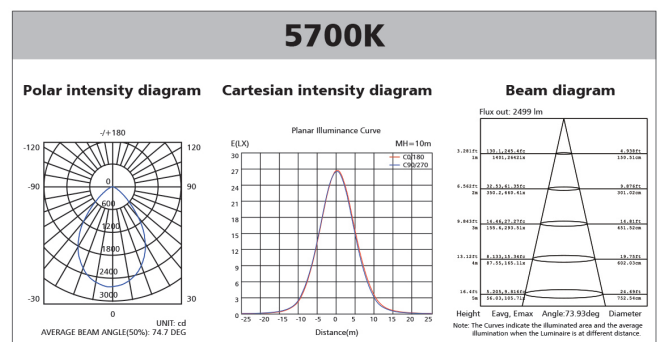
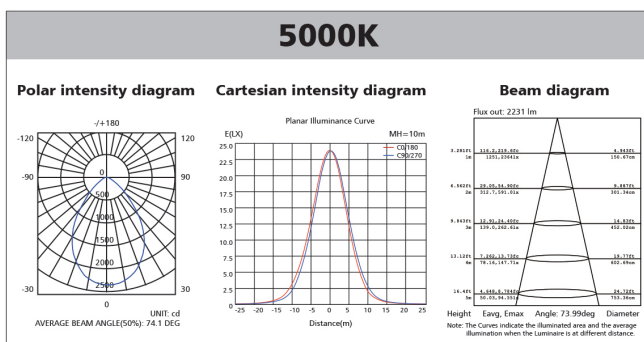
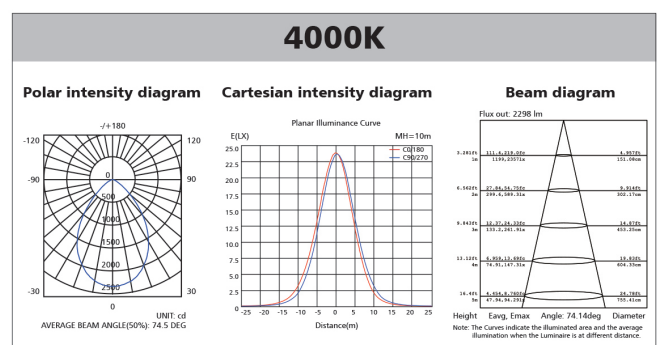
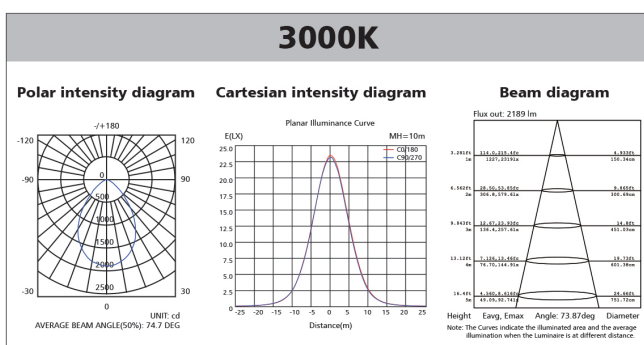
Rated Wattage	Electrical Classification	Ingress Protection	Operating Temp	Operating Humidity	Storage Temp
35W	II	IP20	-20oC~45°C	0~90%	-20°C~65°C



# Spectral Distribution

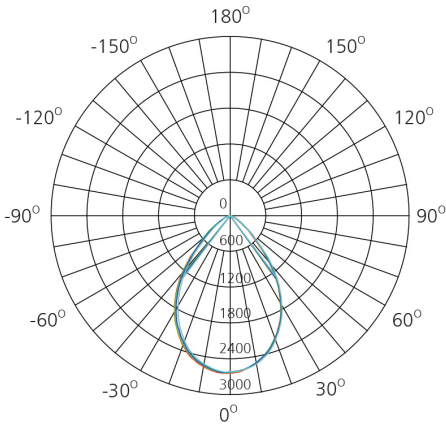


# Photometric Diagram





## Polar Diagram Comparison



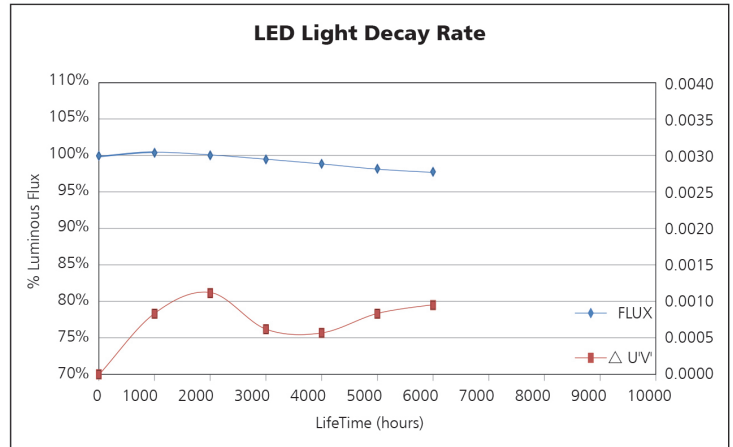
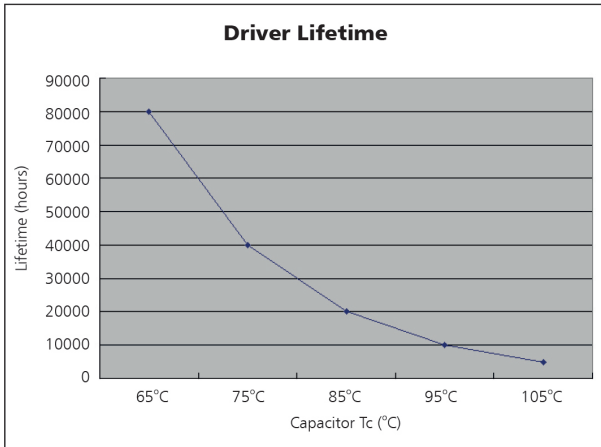
UNIT: cd

- C0/180, 74.9 deg
- C30/210, 74.9 deg
- C60/240, 74.6 deg
- C90/270, 74.2 deg



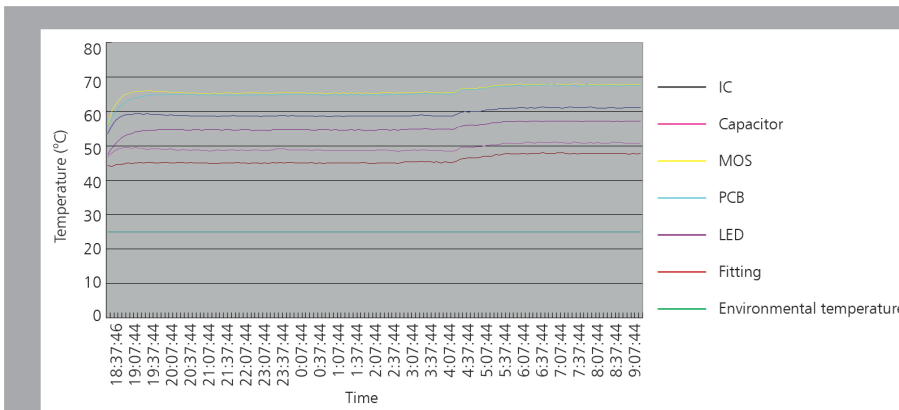
AVERAGE BEAM ANGLE (50%): 74.7DEG

## 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.

