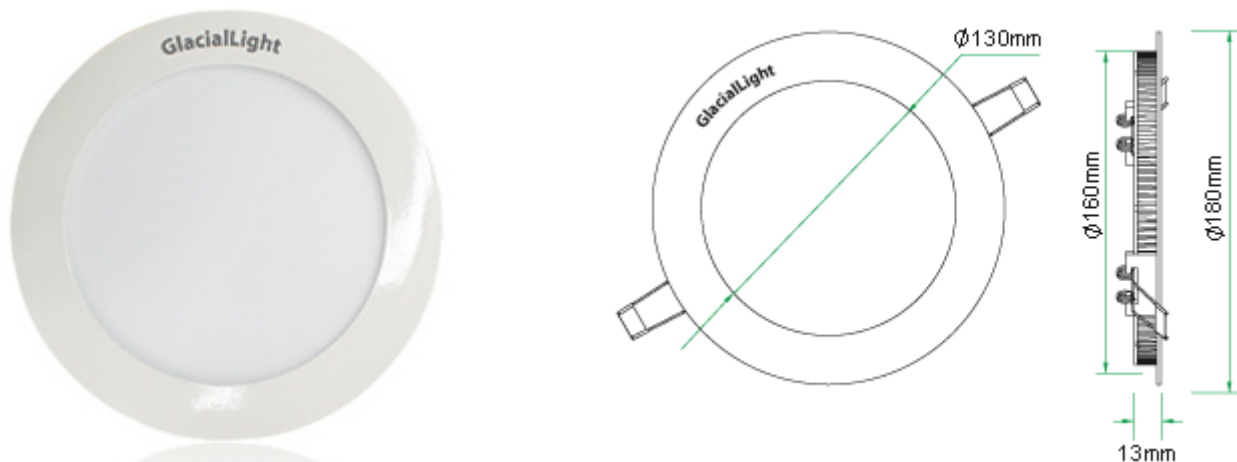


# Capella Series

## GL-DL06 Series



### The LED Recessed Downlight Advantage:

#### Extremely High Efficiency :

The Capella series LED Panel Recessed Downlights not only have high luminous efficiency but also a heat protection system. They have high-efficiency, constant current drive systems as well as protection from unstable voltages.

#### Long Lifespan :

The average lifespan of traditional incandescent lamps is only 3000hrs, the CFL is 5000hrs. The Capella series LED Panel Recessed Downlights lifespan is vastly superior and can reach more than 30,000hrs.

#### Healthy Light :

No thermal radiation or UV/IR rays are emitted from Capella series LED panel recessed Downlights. This is not the case for traditional incandescent lamps or CFLs.

#### Environment Friendly :

GlacialLight's LED Panel Recessed Downlights are made with non-toxic materials, which means they can be recycled to minimize pollution.

#### High Optical Efficiency :

Capella series LED Panel Recessed Downlights are 10 times more energy efficient compared to traditional fluorescent lamps.

#### Low Power Consumption :

Consuming only 12W of power while providing up to 730 Lumens of light, the Capella series LED light panels are bright, energy-efficient and can be used in a variety of indoor settings.

#### No Perceptible Flickering :

Traditional tube lighting, driven by an AC current with a relatively low frequency, may produce flickering, which can lead to eye discomfort or injury, while LED tube lighting, driven by a DC current with a relatively high frequency, will not.

### High Luminous Efficacy :

The high luminous efficacy (lm/W) of LED lamps provides more light output (lm) with less power input (W) than traditional lighting solutions. This fact is turning LED lamps into mainstream products in the lighting industry.

### ◆ Features

- For indoor use only
- Power conversion efficiency > 80%
- Eco-friendly: RoHS Compliant, No UV, no IR, & no mercury
- Low power consumption – energy-saving green product
- Slim, compact and fashionable design
- 2 Years Warranty



### ◆ Specifications

Type	GL-DL06-WW	GL-DL06-NW	GL-DL06-CW
Energy Used	12W		
Rated Life	30,000 Hours		
Input Voltage	100-240V AC		
Power Factor (PF)	0.9@115V AC, 0.7@230V AC		
CCT	3000K	4000K	6000K
Luminous Flux (lm)	560lm	560lm	730lm
Luminous Efficacy	46.7lm/W	46.7lm/W	60.8lm/W
CRI	80	80	70
Dimension	Φ180 x 13mm		
Beam Angle	120°		
Net. Weight	1 PCS with driver = 450g (±10g)		

### ◆ AC-Triac Dimmable

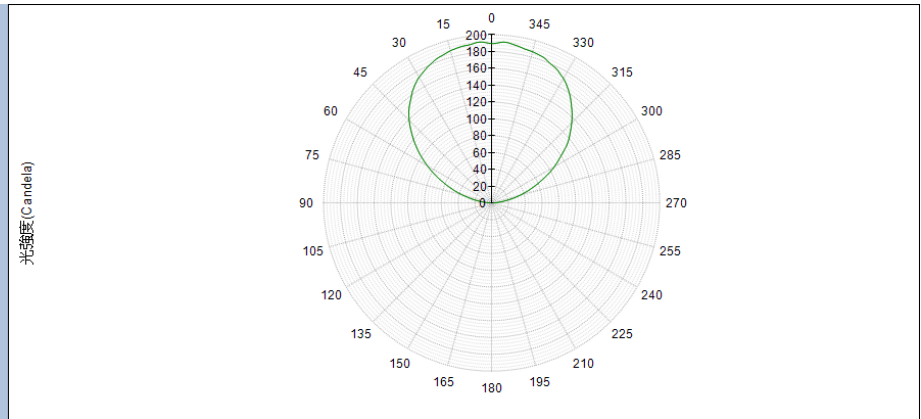
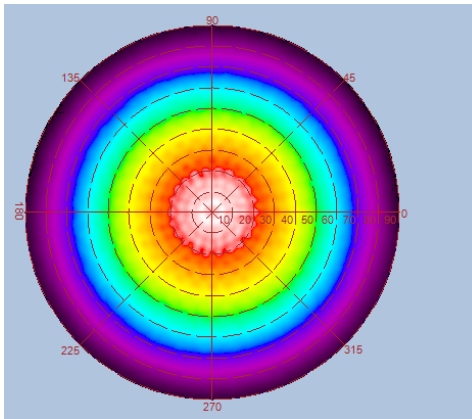
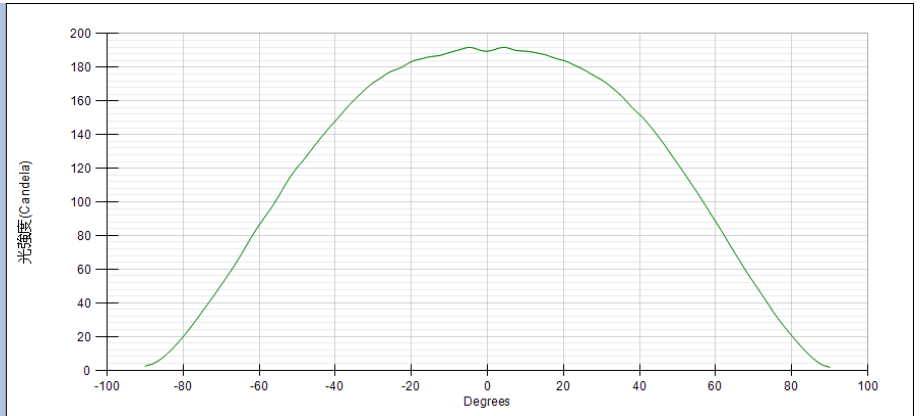
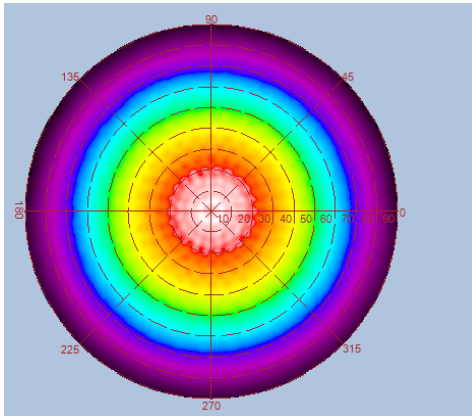
Type	GL-DL06D-WW	GL-DL06D-NW	GL-DL06D-CW
Energy Used	12W		
Rated Life	30,000 Hours		
Input Voltage	100-127V AC	200-240V AC	
Power Factor (PF)	0.9@115V AC	0.7@230V AC	
Bundled Driver	TS10P-30L	TS10P-30H	
CCT	3000K	4000K	6000K
Luminous Flux (lm)	560lm	560lm	730lm
Luminous Efficacy	46.7lm/W	46.7lm/W	60.8lm/W
CRI	80	80	70
Dimension	Φ180 x 13mm		
Beam Angle	120°		
Net. Weight	1 PCS with driver = 450g (±10g)		

◆ **Bundled Driver Specifications**

Input	Output
100-240V AC	Constant Current 350mA, DC Voltage >32V

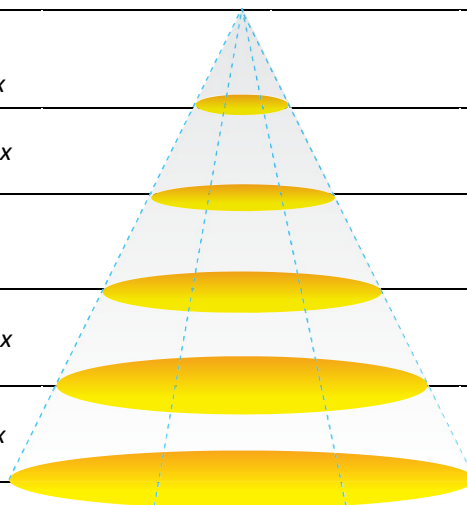
◆ **Luminous Intensity Distribution Diagram**

GL-DL06 CCT : 3000K



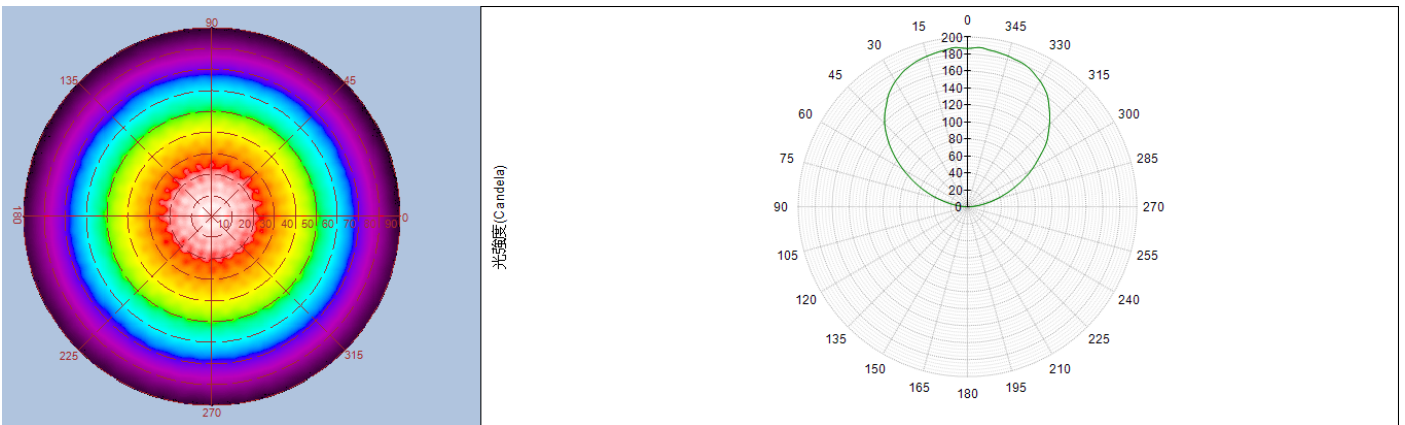
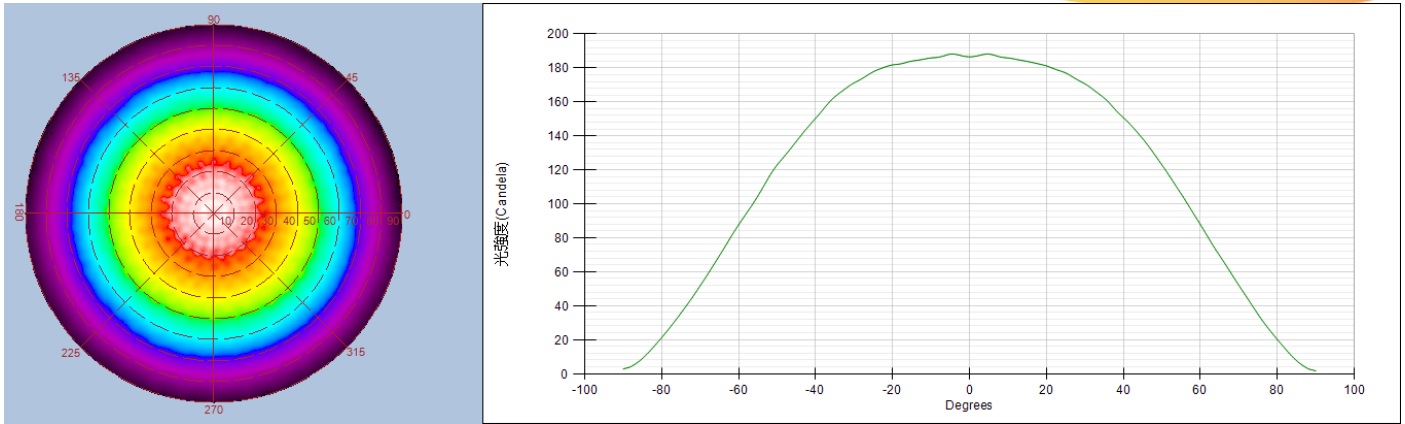
Angle= 113.0 Deg

Height	E Avg.	E Max.	Diameter
1.0M	93.3 Lx	207.9 Lx	302.1cm
2.0M	23.325 Lx	51.975 Lx	604.2cm
3.0M	10.36 Lx	23.1 Lx	906.3cm
4.0M	5.831 Lx	12.993 Lx	1208.4cm
5.0M	3.732 Lx	8.316 Lx	1510.5cm



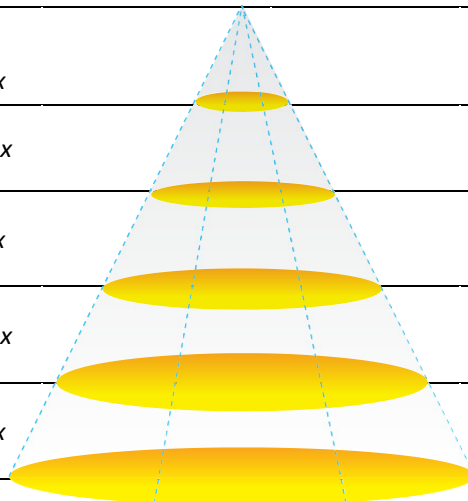
◆ **Luminous Intensity Distribution Diagram**

**GL-DL06 CCT : 4000K**



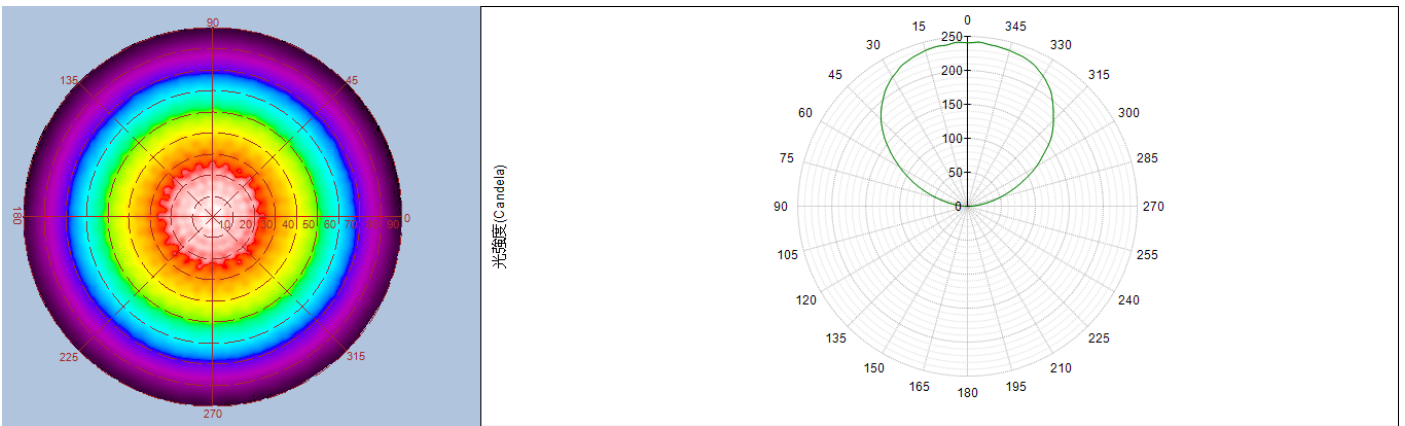
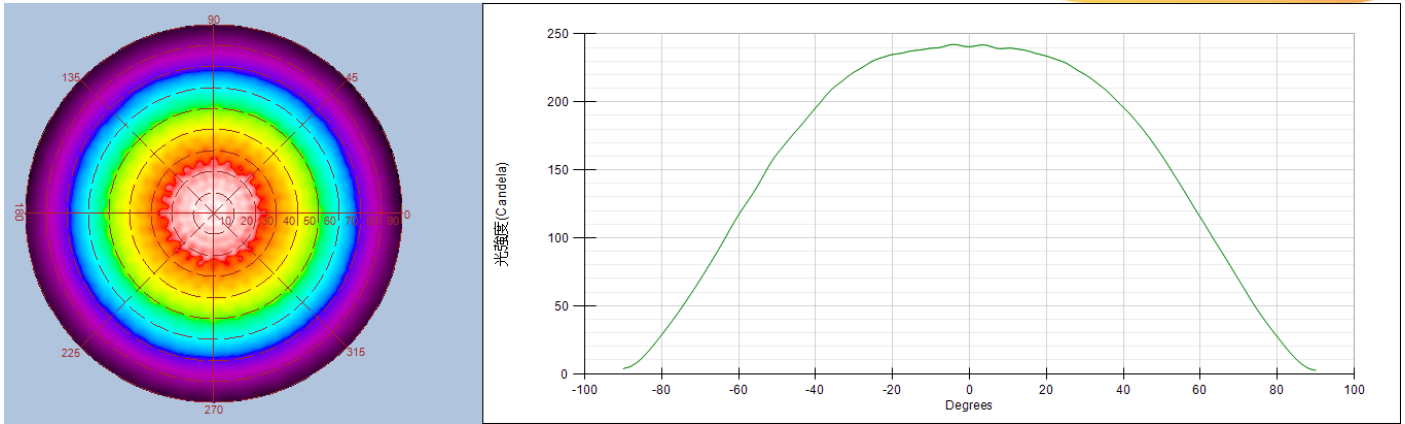
Angle= 117.0 Deg

<b>Height</b>	<b>E Avg.</b>	<b>E Max.</b>	<b>Diameter</b>
1.0M	90.3 Lx	204.1 Lx	326.3cm
2.0M	22.575 Lx	51.025 Lx	652.6cm
3.0M	10.03 Lx	22.67 Lx	978.9cm
4.0M	5.643 Lx	12.756 Lx	1305.2cm
5.0M	3.612 Lx	8.164 Lx	1631.5cm



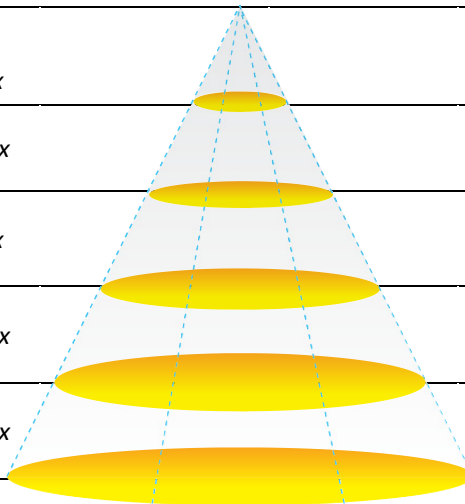
◆ **Luminous Intensity Distribution Diagram**

**GL-DL06 CCT : 6000K**













Angle= 118.5 Deg

<b>Height</b>	<b>E Avg.</b>	<b>E Max.</b>	<b>Diameter</b>
1.0M	125.1 Lx	263.9 Lx	336.1cm
2.0M	31.275 Lx	65.975 Lx	672.2cm
3.0M	13.9 Lx	29.32 Lx	1008.3cm
4.0M	7.818 Lx	16.493 Lx	1344.4cm
5.0M	5.004 Lx	10.556 Lx	1680.5cm



## ◆ GL-DL06 Downlight Competitor Optical Comparison Table

Item	Picture		Manufacturer	Model Name	Luminous Flux (lm)	Efficacy (lm/W)	CCT	CRI	Beam Angle	Illuminance(lux)		V AC-IN (V)	I IN (A)	P(W)
										1m	2m			
1			GlacialLight	GL-DL06 Downlight 6 inch	705.6 lm	57.8	5600K	63.3	118.5	256	68	110V	0.114A	11.8
2			XXX 電	PA2XXX	610 lm	50.4	6900K	61.3	106.9	224	56	110V	0.11A	12.1
3			15cm Open Type E27 Dip Down Light White Color Shell	Open Type Dip Down Light Fixture + Wellypower's CCFL + Spiral-shaped bulbs	641.2 lm	36.2	6462K	81.1	-	164	46	110V	0.273A	17.7
4			15cm Open Type E27 Dip Down Light White Color Shell	Open Type Dip Down Light Fixture + Wellypower's CCFL + Spiral-shaped bulbs	689.4 lm	37.9	6866K	78.7	-	310	88	110V	0.295A	18.2
5			15cm Plug Type E27 Horizontal Down Light White Color Shell	Plug Type Horizontal Down Light Fixture + Wellypower's CCFL + Spiral-shaped bulbs	450.4lm	25.0	6981K	80.3	-	192	52	110V	0.27A	18.0
6			15cm Plug Type E27 Horizontal Down Light White Color Shell	Plug Type Horizontal Down Light Fixture + wellypower's CCFL + Spiral-shaped bulbs	534.8lm	27.7	6818K	78.4	-	274	74	110V	0.311A	19.3