



# LED Natural Sunlight

## GL-TSL30-NL

the GL-TSL30-NL is well suitable use in the museum, art gallery, supermarket and indoor plant wall.

### Features

- High CRI is 97.
- High CQS is 98.
- TM-30-15 Rf is up to 97.
- TM-30-15 Rg is up to 100.
- 40°, 60° and 120° beam angle available.
- Wide operating temperature range from -40°C to +45°C.
- With lens hood accessory optional.
- Corrosion-resistant aluminum Outdoor Stake Light Bracket optional.

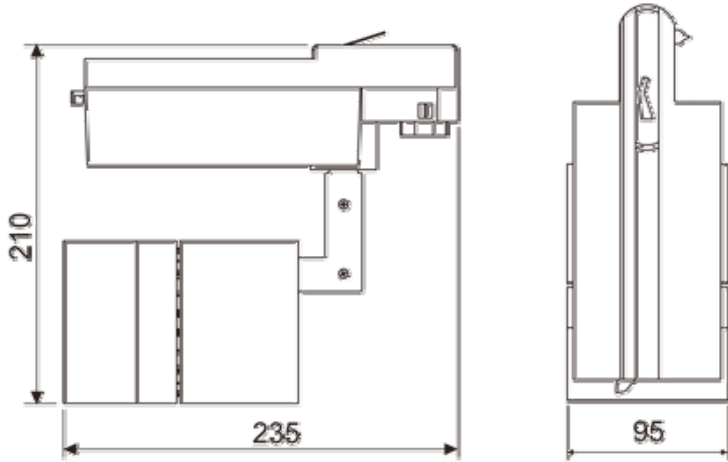


## Specifications

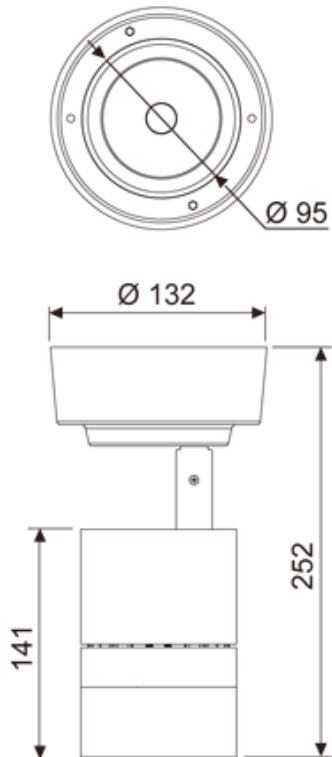
Model No.	GL-TSL30-NL-A-WW GL-TSL30-NL-B-WW GL-TSL30-NL-C-WW	GL-TSL30-NL-A-NW GL-TSL30-NL-B-NW GL-TSL30-NL-C-NW	GL-TSL30-NL-A-CW GL-TSL30-NL-B-CW GL-TSL30-NL-C-CW
Energy Used	30W		
Rated Life	30,000 Hours		
Input Voltage	100-240V AC (Driver with CUL Certificate Support 277V AC for North America only)		
Power Factor (PF)	0.97 at 120V AC, 0.93 at 240V AC		
CCT (color)	3000K	4000K	5000K
Luminous Flux	2200 lm	2400 lm	2500 lm
System Efficacy	73 lm/W	80 lm/W	83 lm/W
CRI (Typ.)	97		
CQS (Typ.)	97	98	97
TM-30-15 Rf (Typ.)	96	95	96
TM-30-15 Rg (Typ.)	102	100	101
Beam Angle	20° / 38°		
Dimension	Type A: 235 x 210 x 95 mm (Track) Type B: Ø 132 x 252 mm (Surface mount) Type C: Ø 132 x 526 mm (Pendant rod)		
Operation Temperature	-20°C ~ +40°C		
Bundled Driver	GP-HS35P-48C (Driver Output : Constant Current 700mA, 33~48V)		
Net Weight	1.25 kg		
Package	6 Boxes / Carton		

## Outline / Dimension

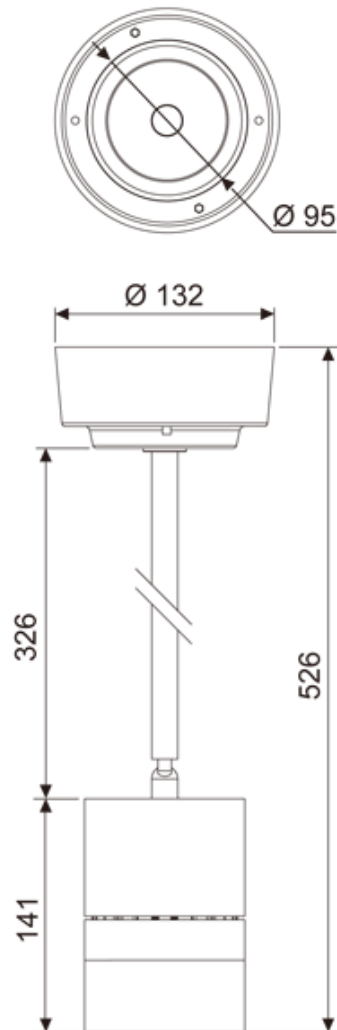
Type A: 235 x 210 x 95 mm (Track)



Type B: Ø 132 x 252 mm (Surface mount)

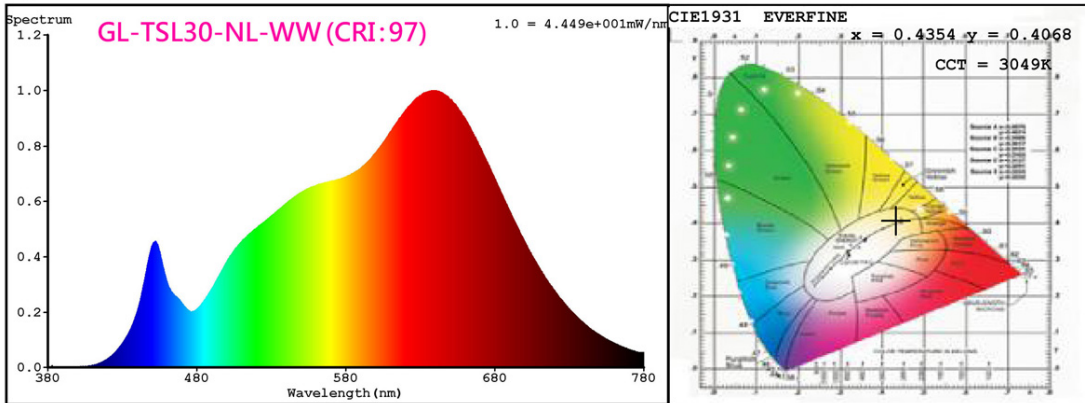


Type C: Ø 132 x 526 mm (Pendant rod)

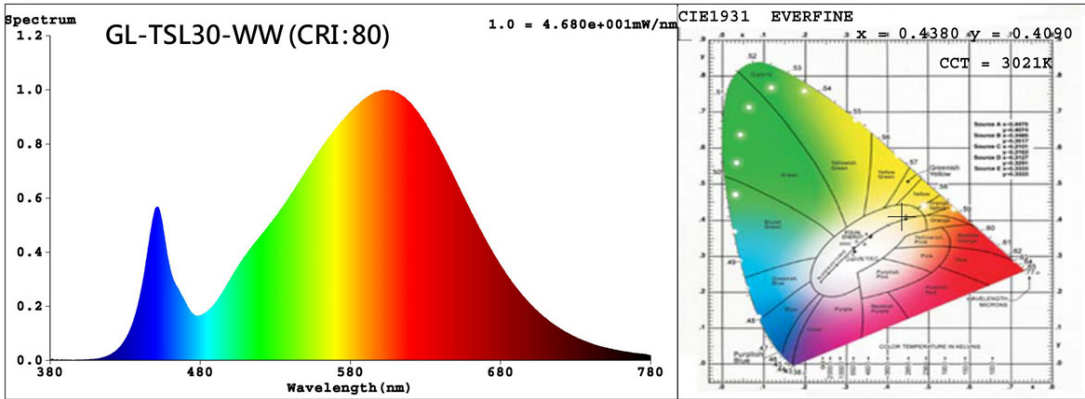


## Spectroradiometric Parameters

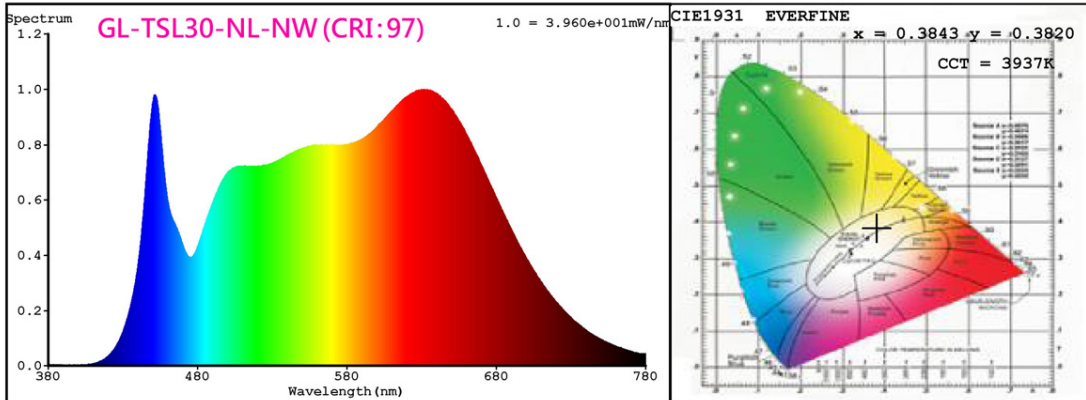
### Spectrum



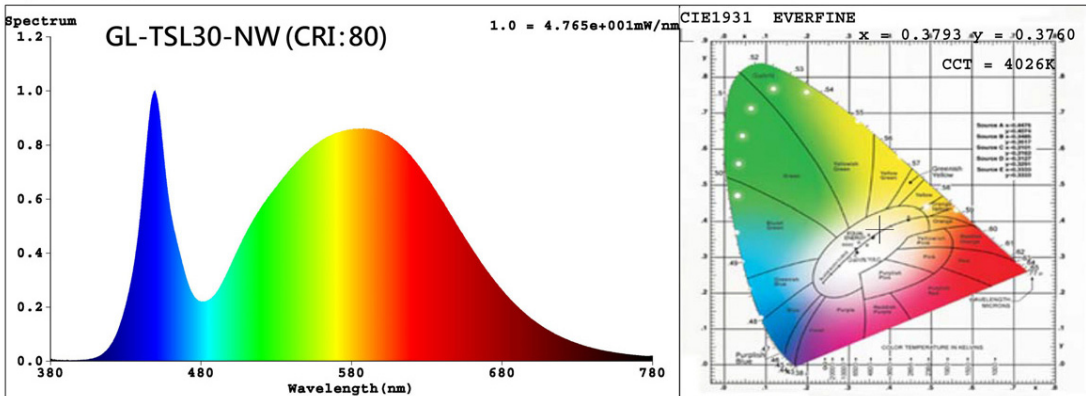
### Spectrum



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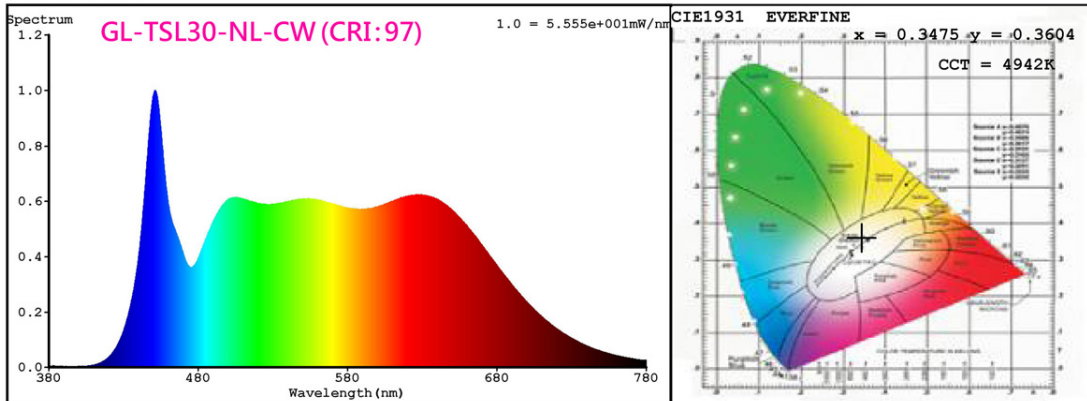


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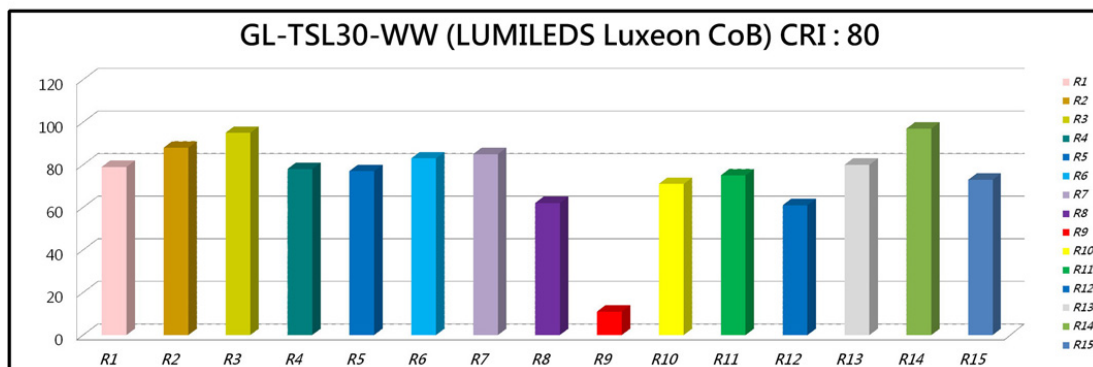
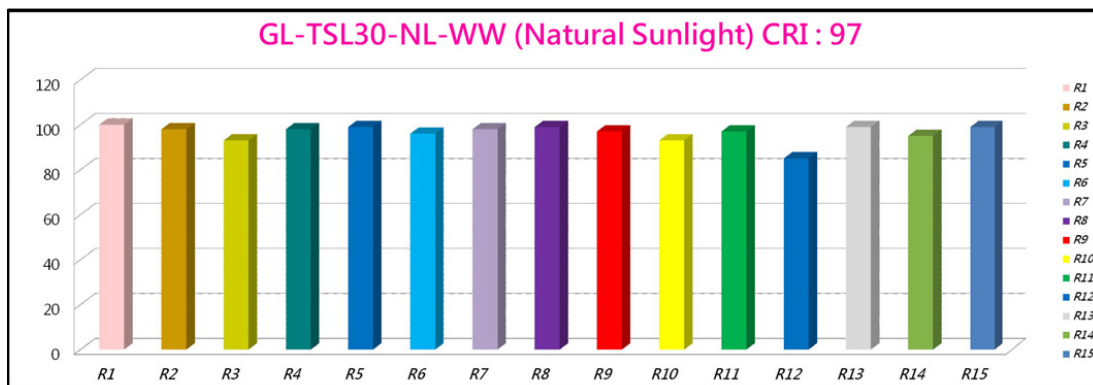
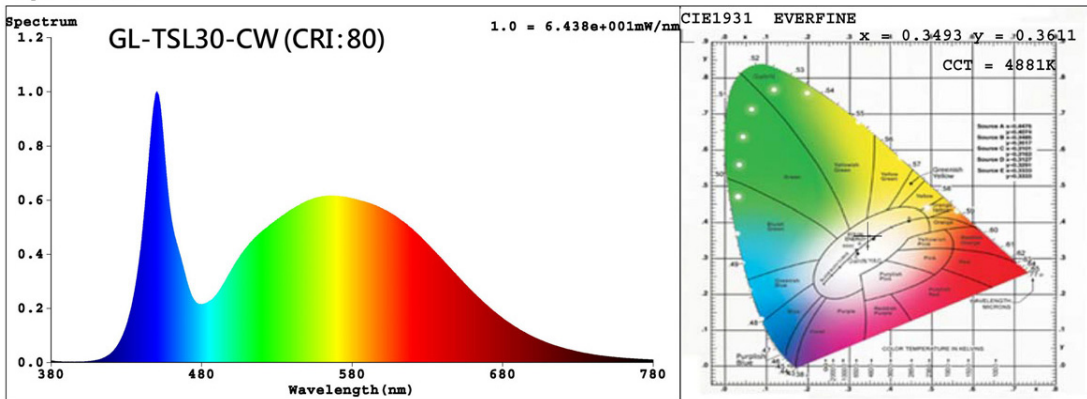


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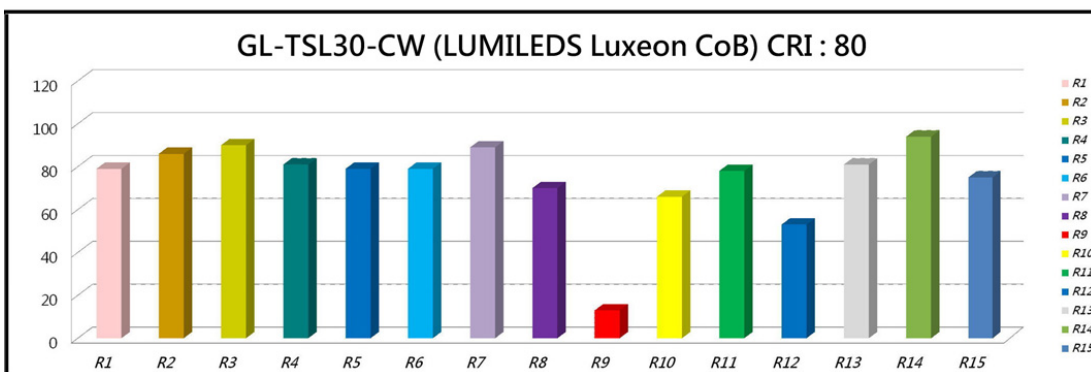
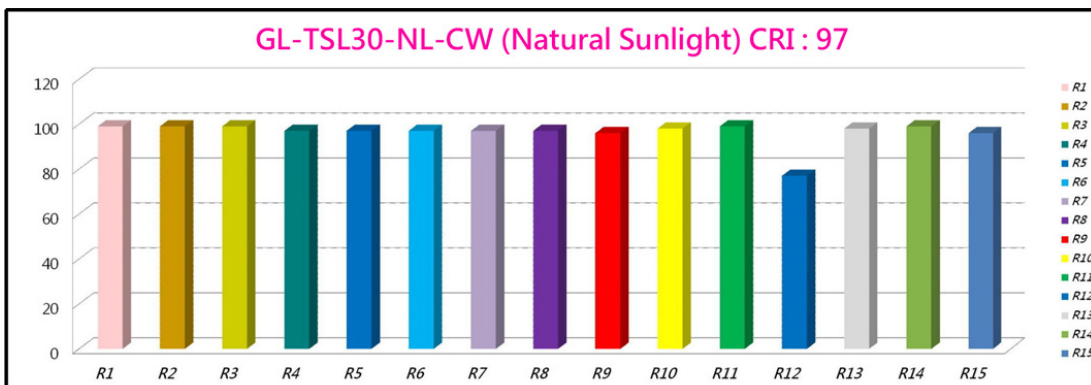
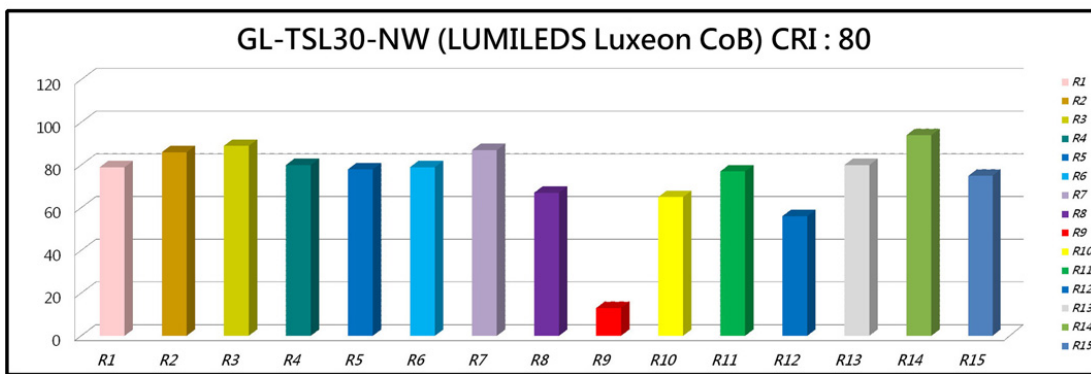
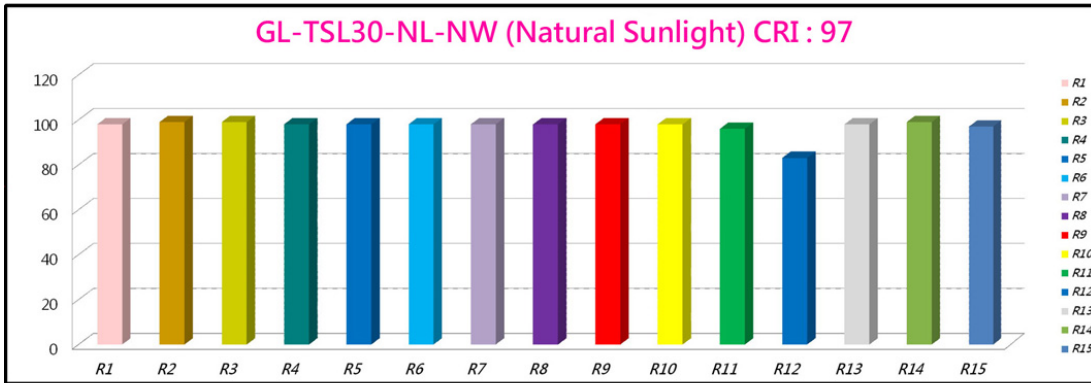
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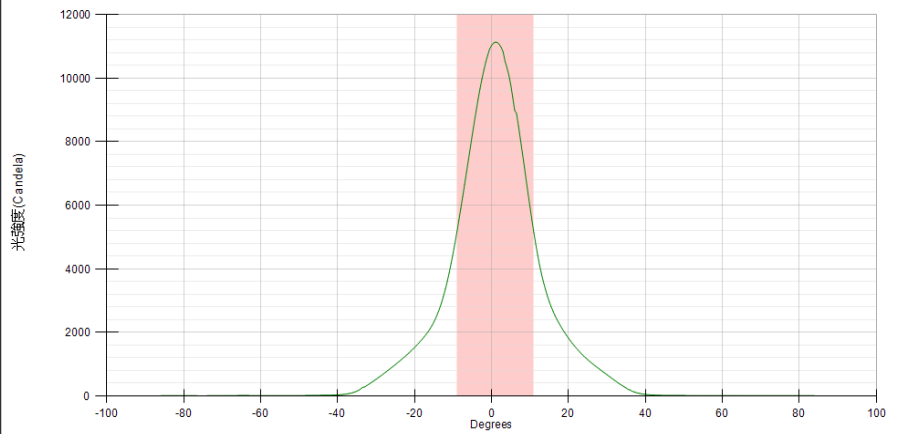
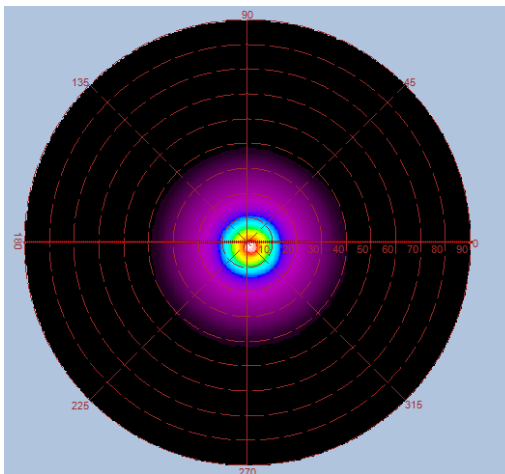
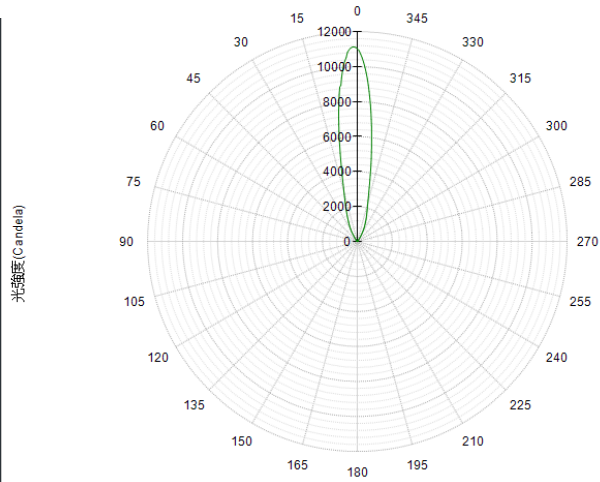
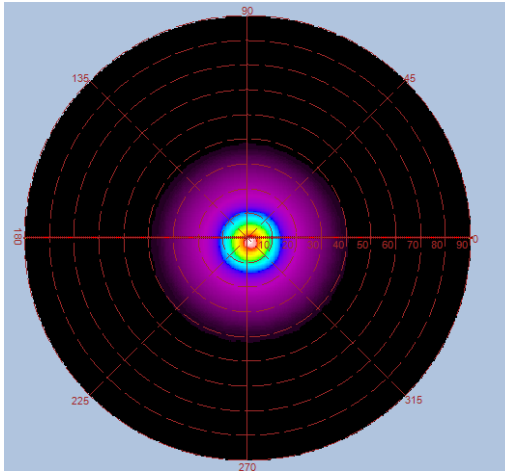


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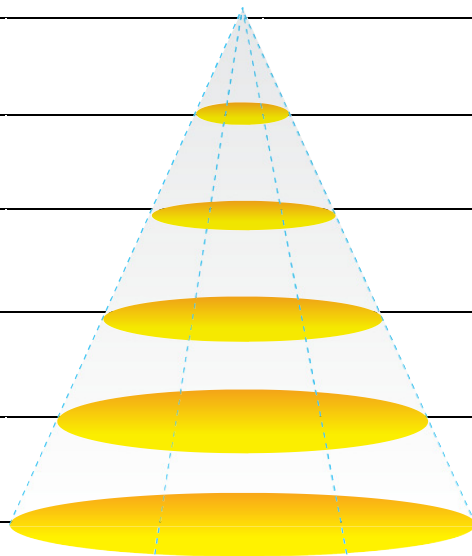


## Luminous Intensity Distribution Diagram

**GL-TSL30-NL-WW (CCT : 3000K)-20D**

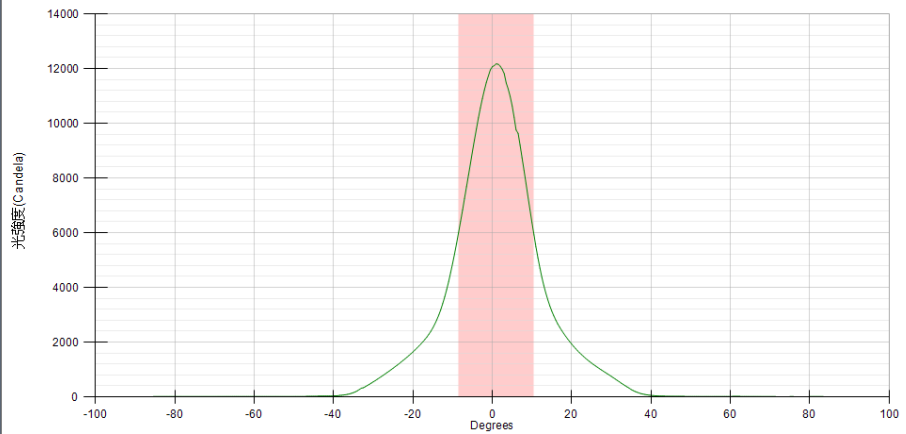
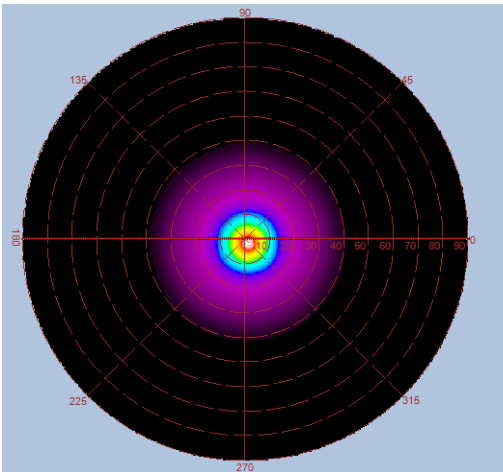
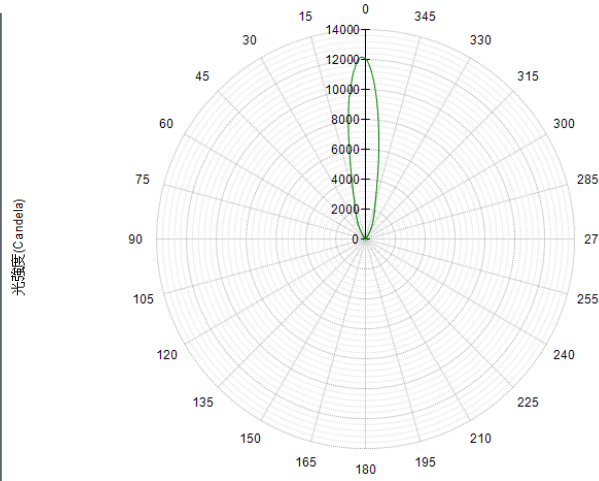
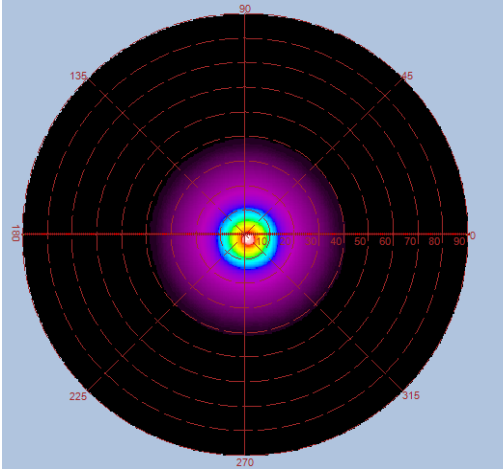


Height	E Avg.	E Max.	Diameter
1.0M	11234 Lx	15535 Lx	35 cm
2.0M	2595 Lx	3489 Lx	71 cm
3.0M	1494 Lx	1120 Lx	106 cm
4.0M	621 Lx	824 Lx	141 cm
5.0M	394 Lx	521 Lx	176 cm

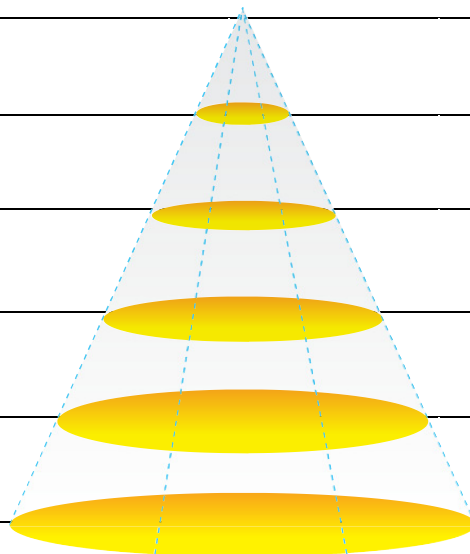


## Luminous Intensity Distribution Diagram

GL-TSL30-NL-NW (CCT : 4000K)-20D



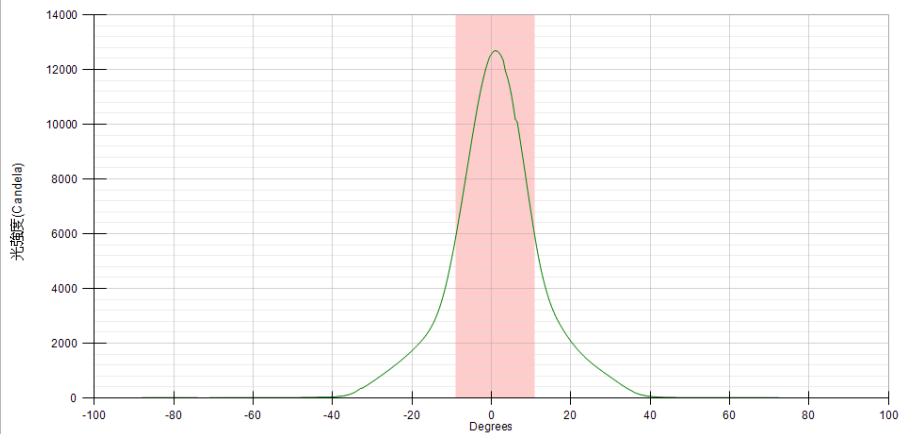
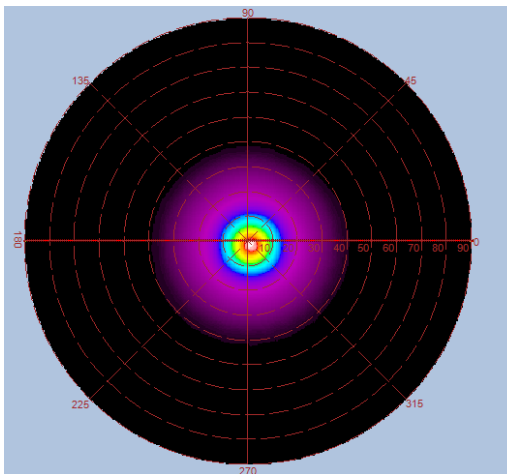
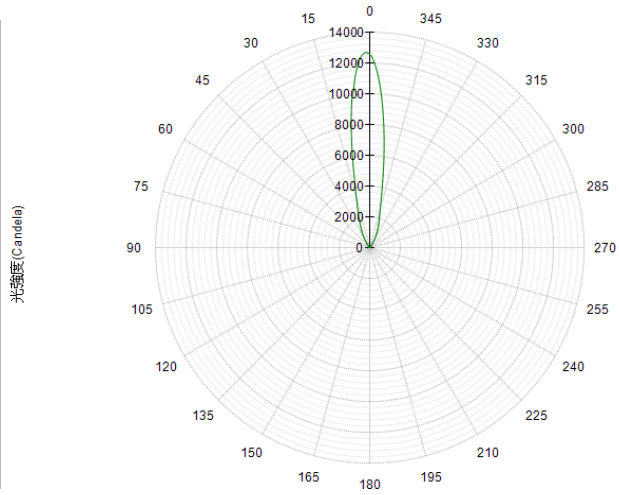
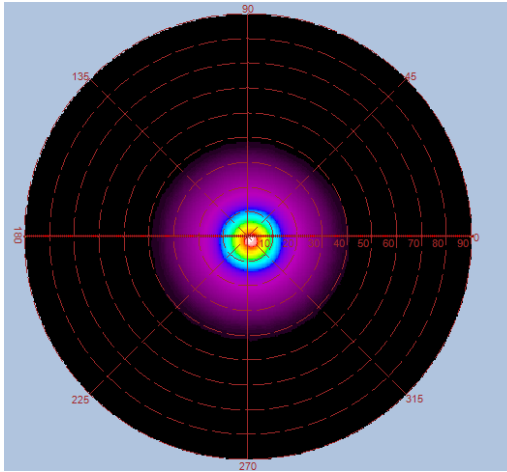
Height	E Avg.	E Max.	Diameter
1.0M	12235 Lx	17000 Lx	35 cm
2.0M	2811 Lx	3815 Lx	71 cm
3.0M	1216 Lx	1631 Lx	106 cm
4.0M	674 Lx	898 Lx	141 cm
5.0M	427 Lx	567 Lx	176 cm



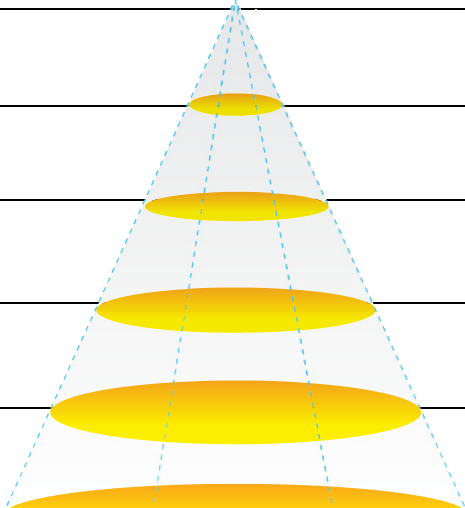


## Luminous Intensity Distribution Diagram

**GL-TSL30-NL-CW (CCT : 5000K)-20D**

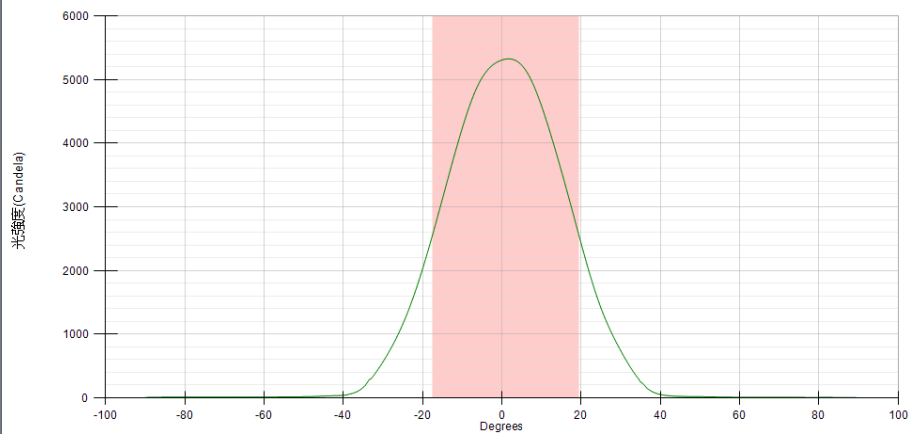
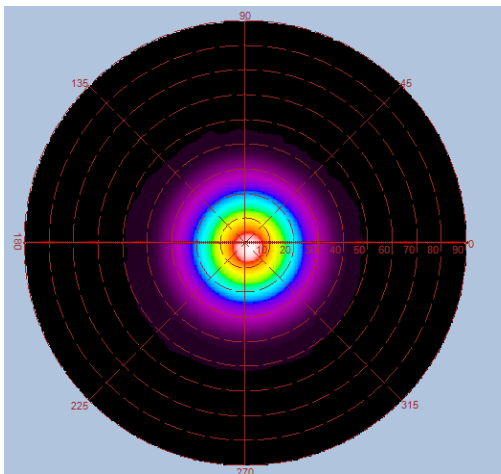
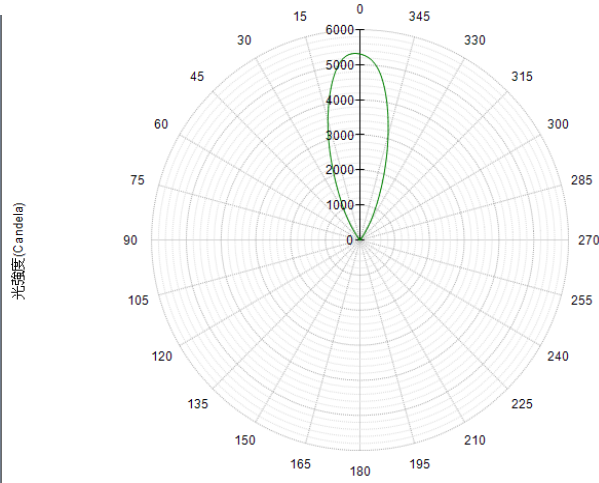
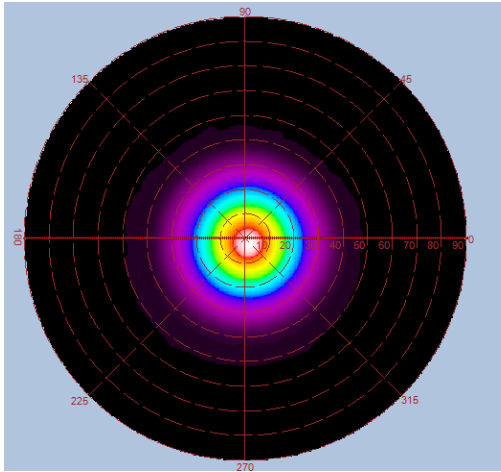


Height	E Avg.	E Max.	Diameter
1.0M	12777 Lx	17657 Lx	35 cm
2.0M	2941 Lx	3964 Lx	71 cm
3.0M	1270 Lx	1702 Lx	106 cm
4.0M	705 Lx	939 Lx	141 cm
5.0M	447 Lx	592 Lx	176 cm

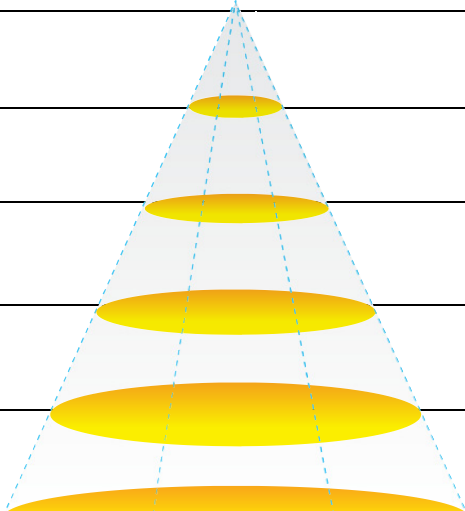


## Luminous Intensity Distribution Diagram

GL-TSL30-NL-WW (CCT : 3000K)-38D

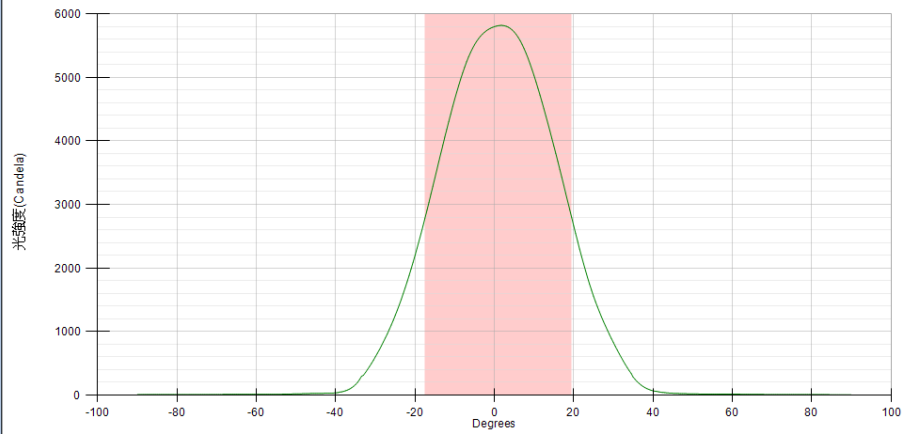
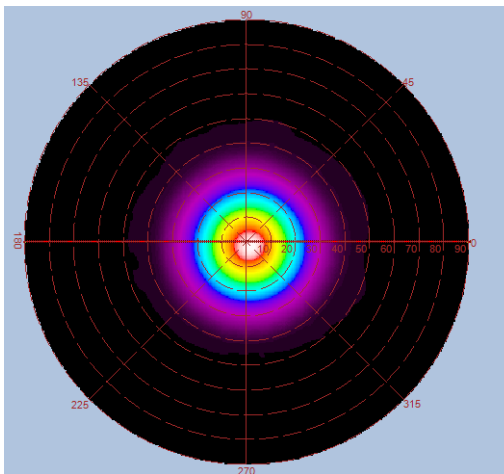
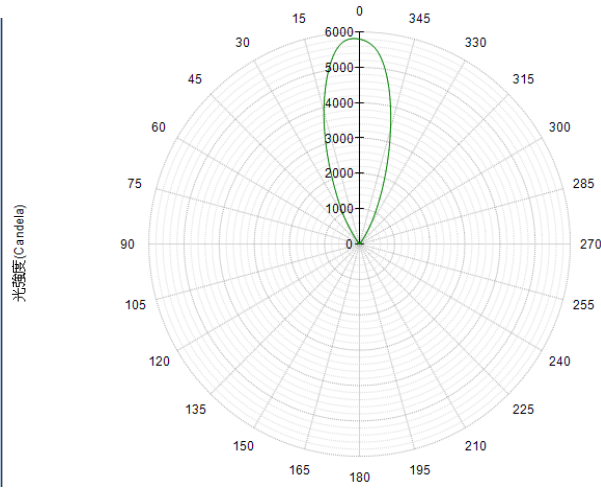
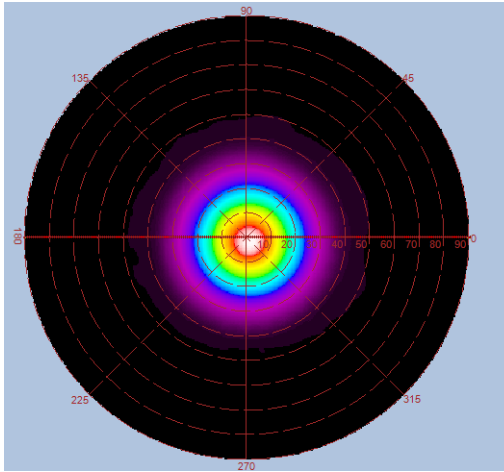


Height	E Avg.	E Max.	Diameter
1.0M	5359 Lx	7959 Lx	69 cm
2.0M	1192 Lx	1638 Lx	138 cm
3.0M	509 Lx	688 Lx	207 cm
4.0M	281 Lx	377 Lx	275 cm
5.0M	178 Lx	237 Lx	344 cm

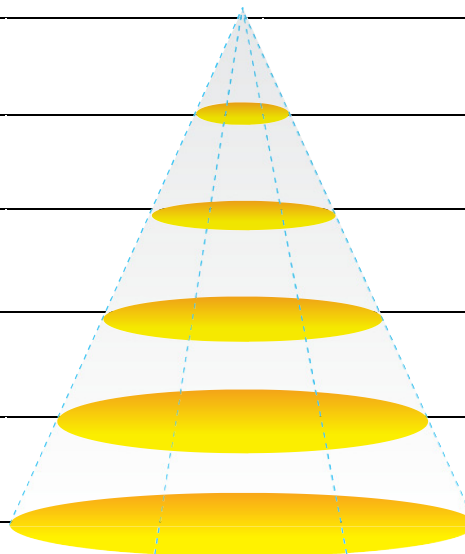


## Luminous Intensity Distribution Diagram

GL-TSL30-NL-NW (CCT : 4000K)-38D

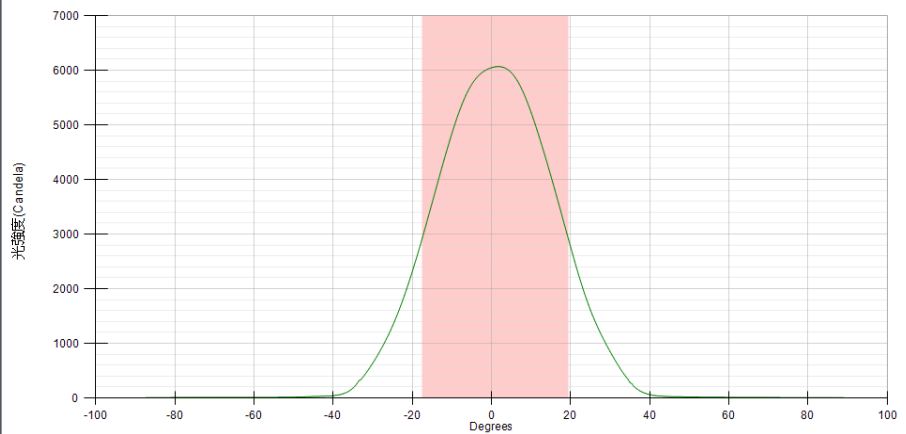
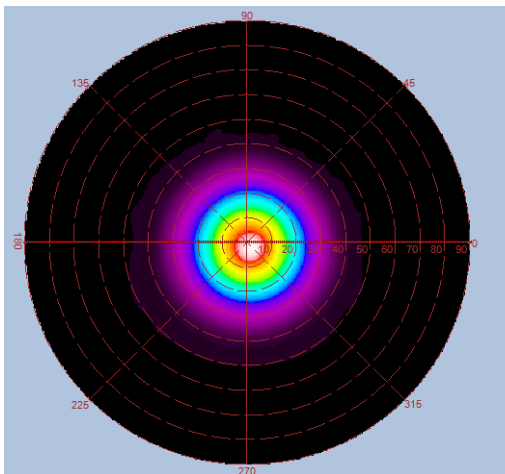
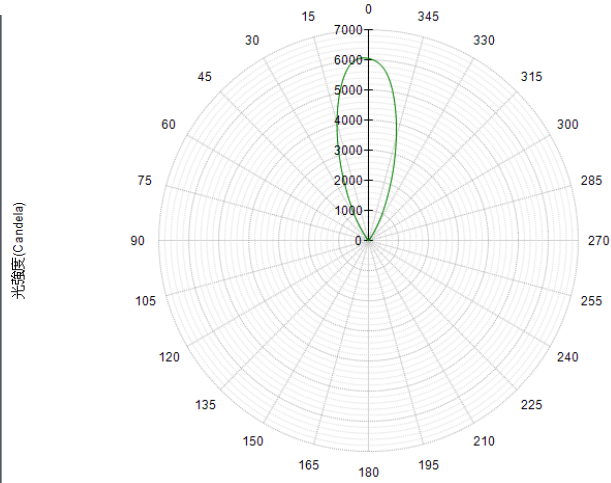
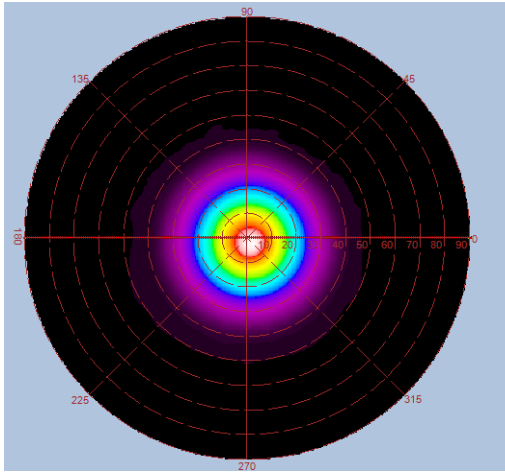


Height	E Avg.	E Max.	Diameter
1.0M	5873 Lx	8652 Lx	69 cm
2.0M	1302 Lx	1787 Lx	138 cm
3.0M	556 Lx	746 Lx	207 cm
4.0M	307 Lx	408 Lx	275 cm
5.0M	194 Lx	258 Lx	344 cm

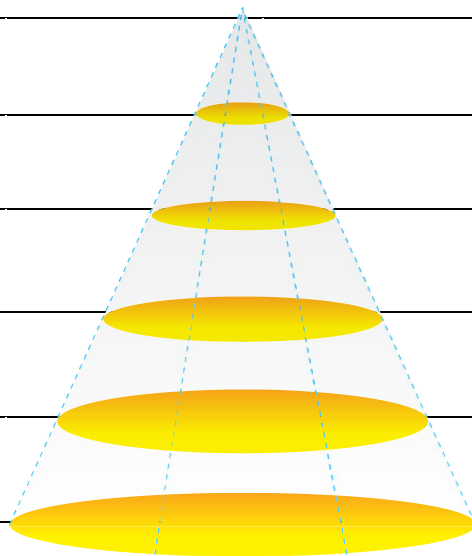


## Luminous Intensity Distribution Diagram

GL-TSL30-NL-CW (CCT : 5000K)-38D



Height	E Avg.	E Max.	Diameter
1.0M	6109 Lx	8976 Lx	69 cm
2.0M	1361 Lx	1878 Lx	138 cm
3.0M	581 Lx	786 Lx	207 cm
4.0M	320 Lx	430 Lx	275 cm
5.0M	202 Lx	270 Lx	344 cm



Gallery/Application





GlacialPower LED Driver Inside  
GP-HS35P-48C