

LED POST TOP AREA LIGHT

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HIGH QUALITY LIGHTING
EASY INSTALLATION
SAFE AND ENVIRONMENTALLY FRIENDLY
WATERPROOF AND DURABLE
SAVING ENERGY

Features

60~150W Available
IP65 Waterproof Dust Free
Energy Saving 50% At Least
ETL cETL DLC Approved
3000K 4000K or 5000K CCT Selectable options
135LM/W SMD3030 Chips
5 Years Warranty
Universal Voltage AC120~277V
120 Degree Beam Angle
High Power Factor >0.9, Low THD Driver
Available With Photocell/Sensor
Using High Quality LED Chips
High Intensity and Stability, No Maintenance Cost
Anti-Shock, Anti-moisture, No glare, No Strobe Light
Protecting Your Eyes.



Photocell cap



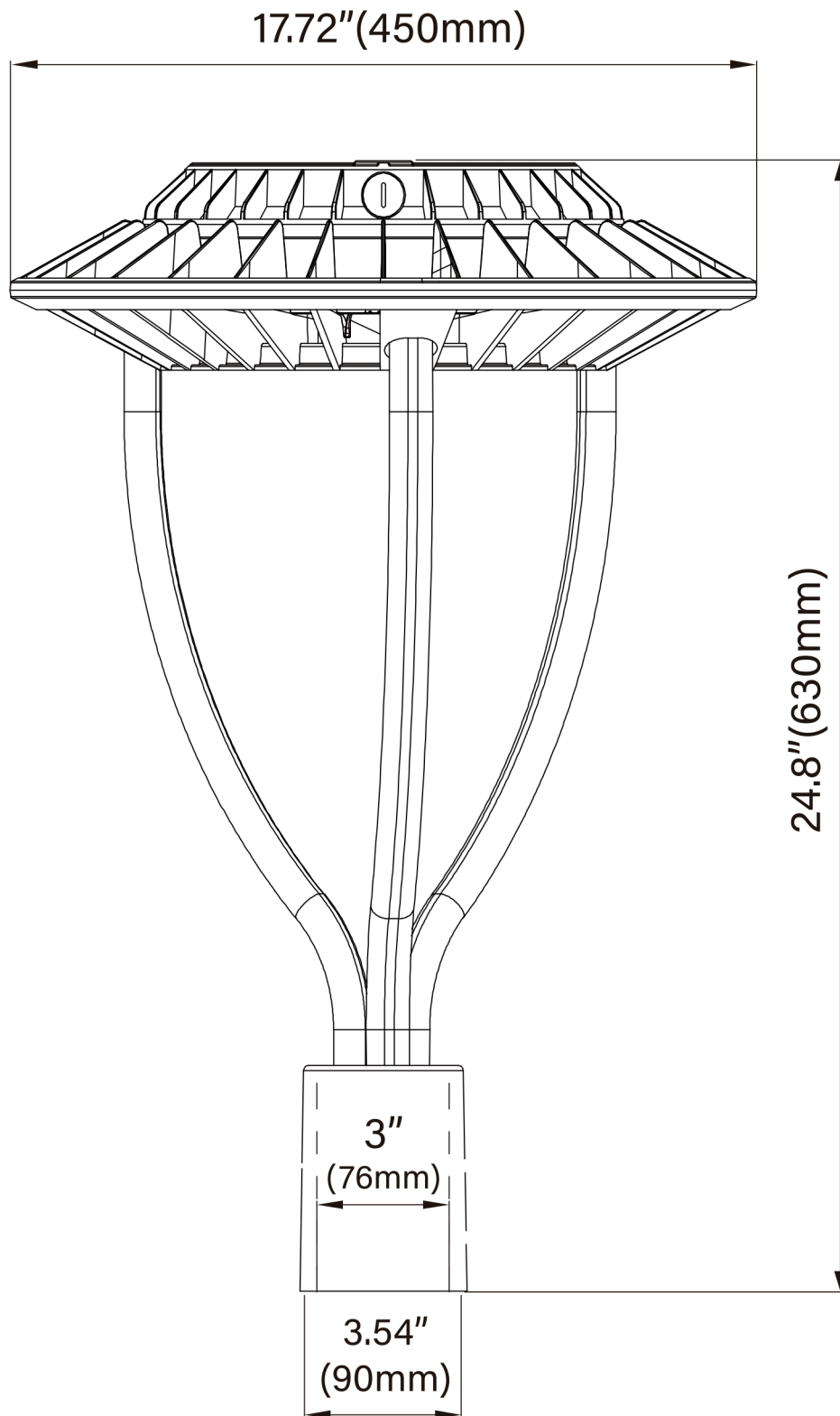
Photocell sensor

Applications

LED Post Top Area Lighting series can be tidely used in City expressway, trunk road, factories, schools, garden, parking lots, pubic parks etc.

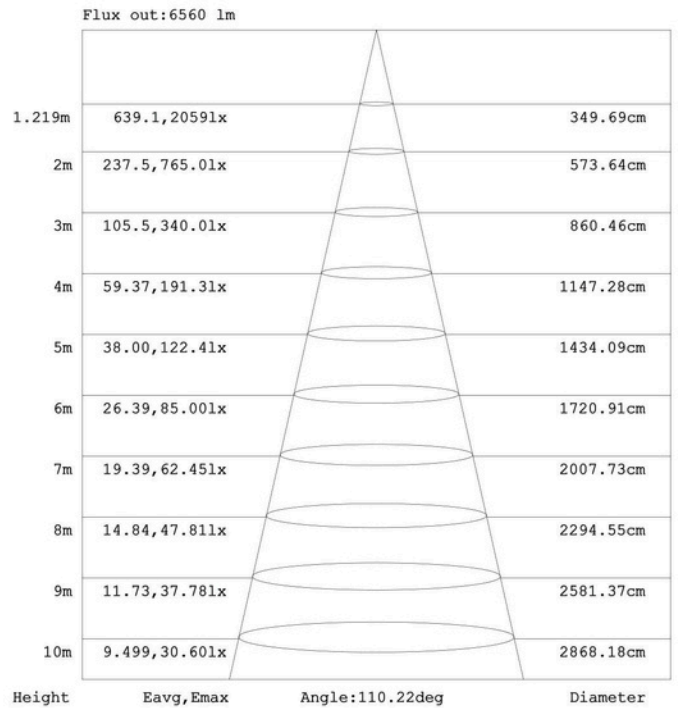
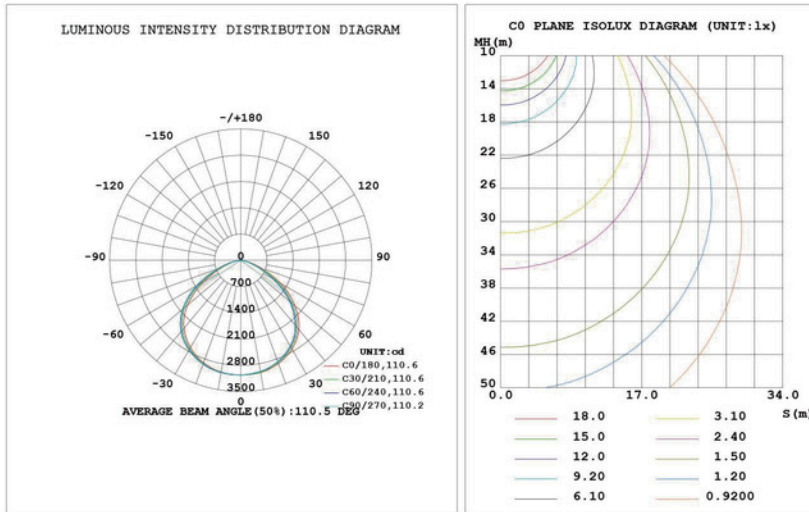
Series	L umens	Base	Beam Angle (Degree)	E lec tric al Data	LED Type	C olor temperature	Color rendering index
60W	8100 Lm	3 pin wires	120 degree	Input Voltage 120-277V 50~60Hz Total Power(W) 60W 80W 100W 150W Power Factor(%) >90	SMD 3030 hips	WW3000 K NW4000 K DW5000 K CW 5700 K	7070 CRI 8080 CRI 9080 CRI
80W	10125 Lm						
100W	13500 Lm						
150W	20250 Lm						

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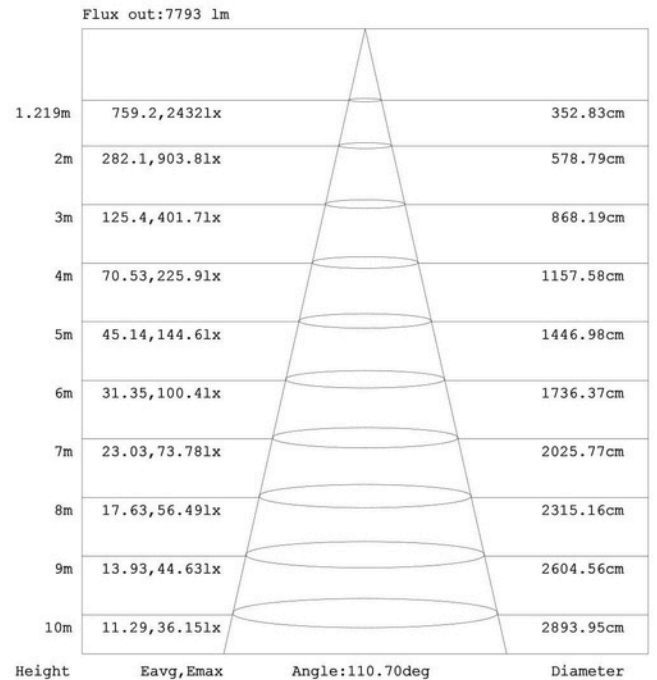
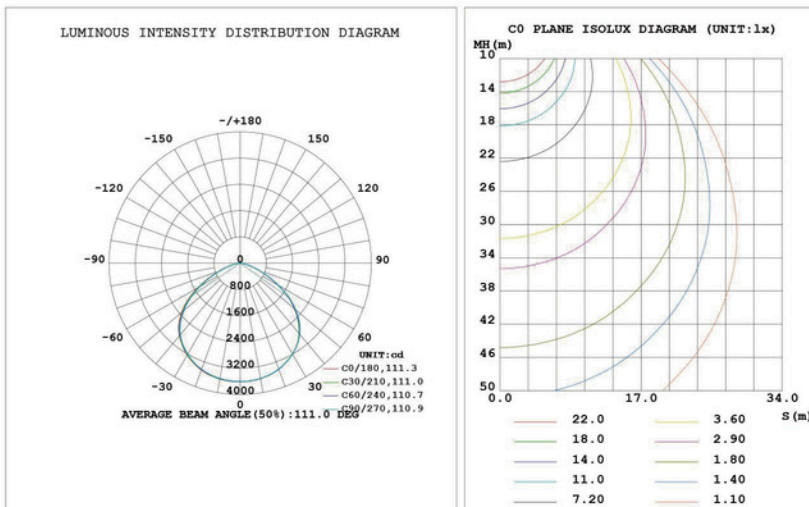
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DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.35 lm/W			
MODEL	NG-PTA-60W	Imax (cd)	3060	S/MH (C0/180)	1.30
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.35
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	8240.2	η UP, DN (C0-180)	0.0, 47.4
NOMINAL FLUX (lm)	8240.17	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 52.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

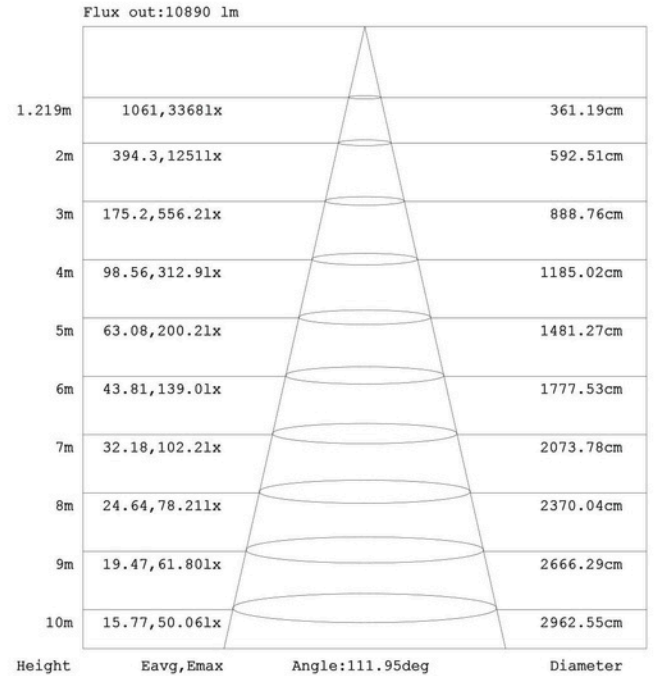
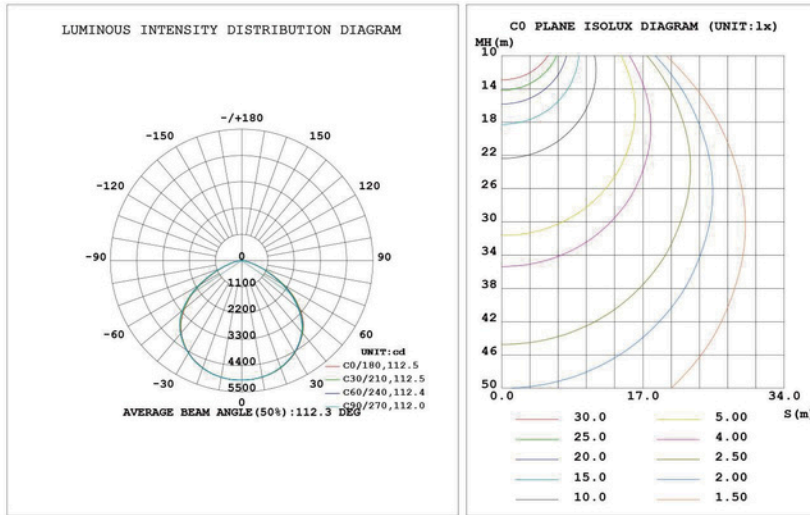
DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.68 lm/W			
MODEL	NG-PTA-80W	Imax (cd)	3616	S/MH (C0/180)	1.33
NOMINAL POWER (W)	80	LOR (%)	100.0	S/MH (C90/270)	1.32
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	9757.2	η UP, DN (C0-180)	0.0, 49.8
NOMINAL FLUX (lm)	9757.16	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

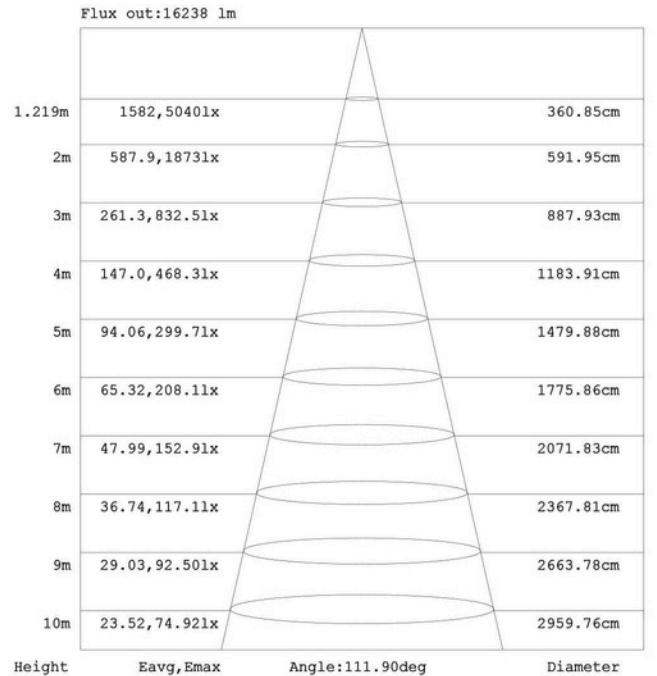
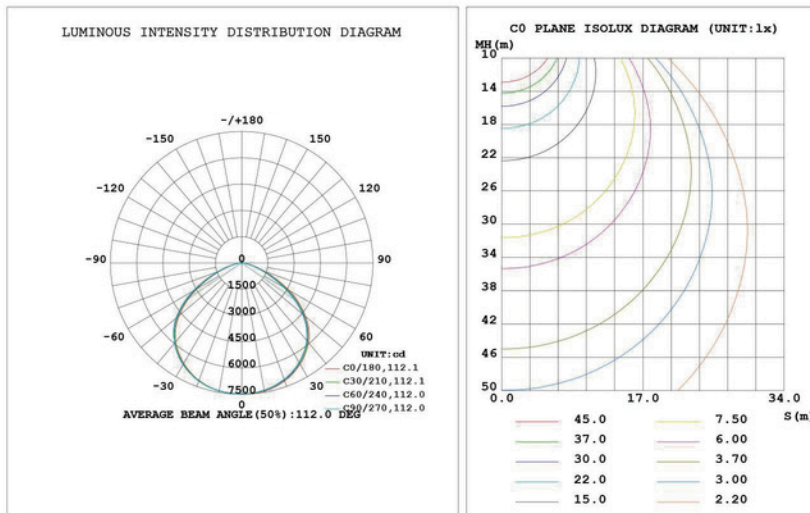
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DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.56 lm/W			
MODEL	NG-PTA-100W	Imax(cd)	5006	S/MH (C0/180)	1.32
NOMINAL POWER (W)	100	LOR(%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	120-277	TOTAL FLUX(lm)	13709	η UP,DN (C0-180)	0.0,49.2
NOMINAL FLUX (lm)	13709	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.8
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.77 lm/W			
MODEL	NG-PTA-150W	Imax(cd)	7492	S/MH (C0/180)	1.31
NOMINAL POWER (W)	150	LOR(%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	120-277	TOTAL FLUX(lm)	20492	η UP,DN (C0-180)	0.0,48.8
NOMINAL FLUX (lm)	20492.5	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,51.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX	1.35



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Installation Instructions

Warning: Disconnect electrical source in order to avoid electrical shock and endanger life-safety before installation.

Power	Input Voltage
60W	120~277V 50/60Hz
80W	120~277V 50/60Hz
100W	120~277V 50/60Hz
150W	120~277V 50/60Hz

Step 1: Pass the leads of the lights through the stem, then fix the stem with the lamp.

Step 2: Pass the leads of the light through the tenon pole, then using screws to fix it.

Step 3: Electrical connections:

connect the black wire to line

connect the white wire to neutral

connect the green or green/yellow wire to ground

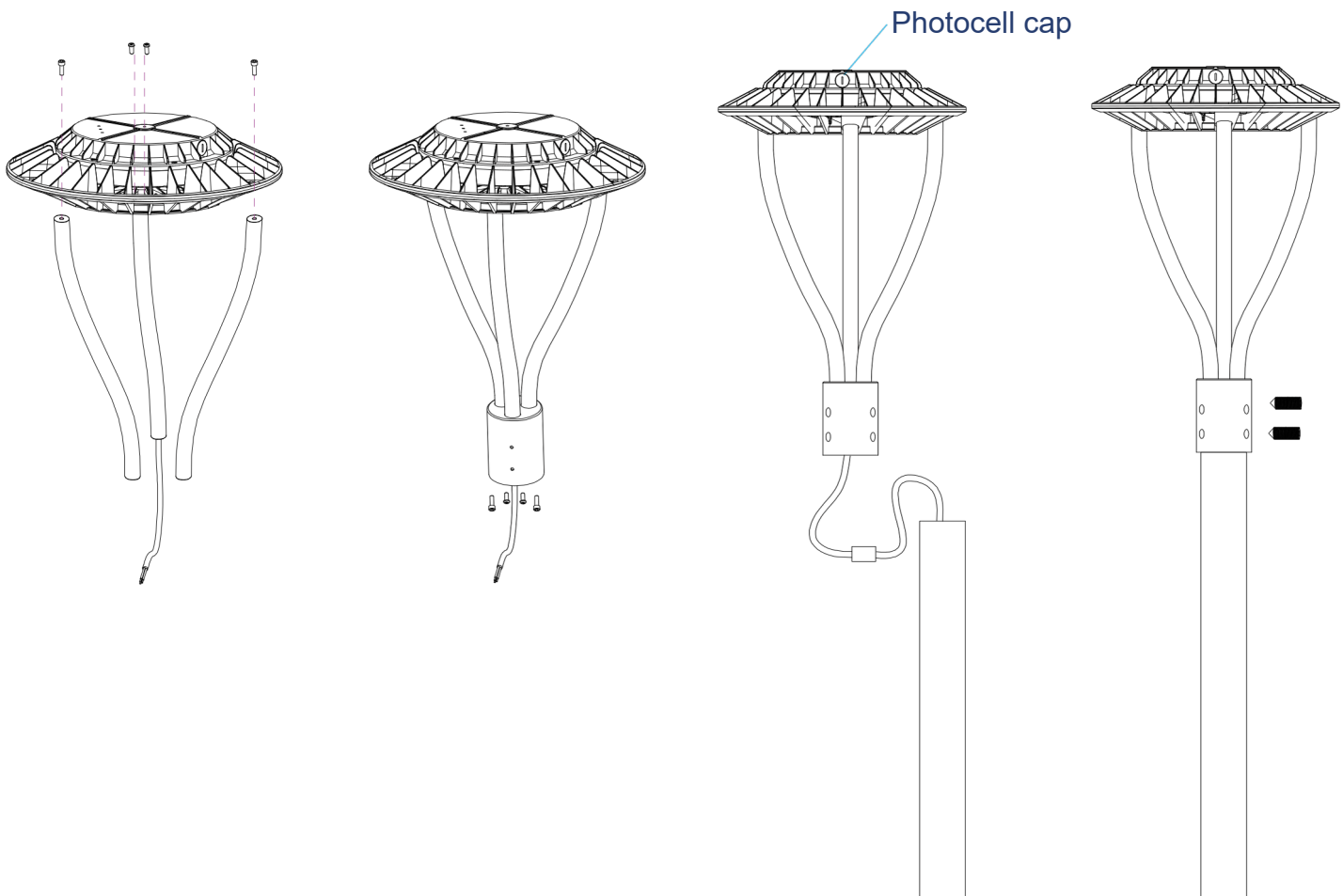
And good waterproof processing.

LINE	—●—	BLK	WHI
NEU	—●—	REN, GRN/YEL	
GRND	—●—		

Step 4: Remove the photocell cap if you need a Dusk-to-Dawn function.

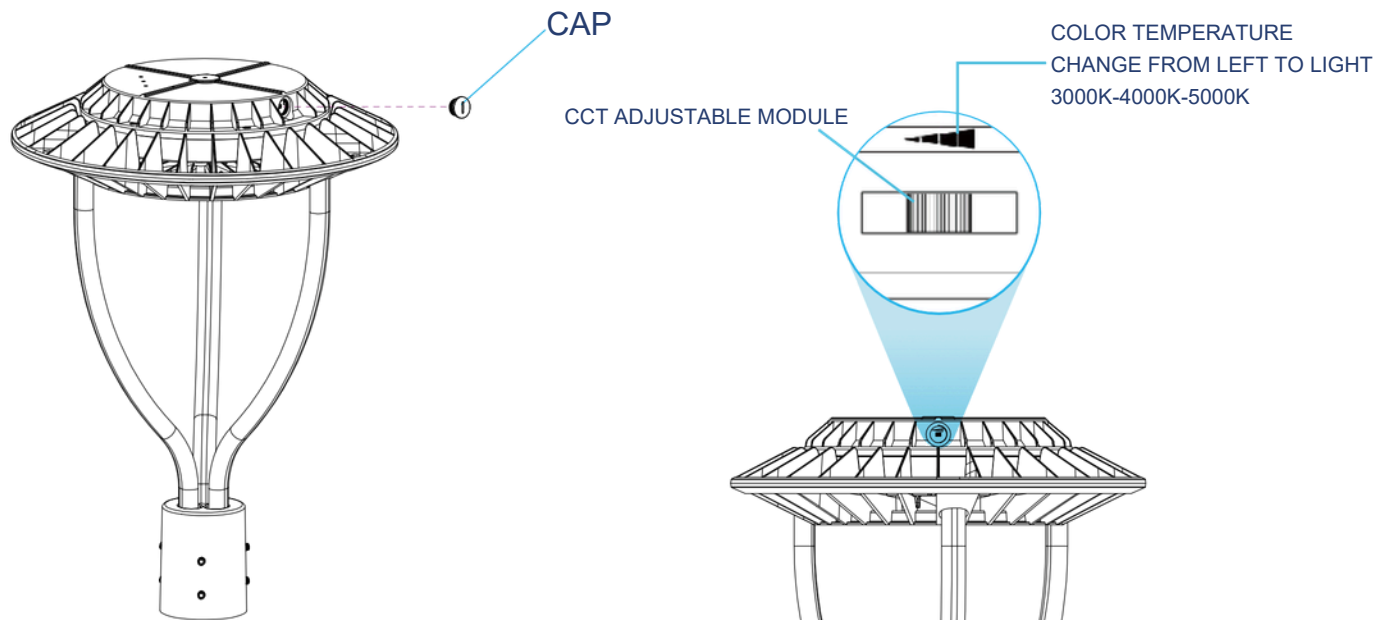
Step 5: On the lamps and lanterns hung up safety rope, and then install the lamp on the mast.

※Install height from floor higher than 1.2m.

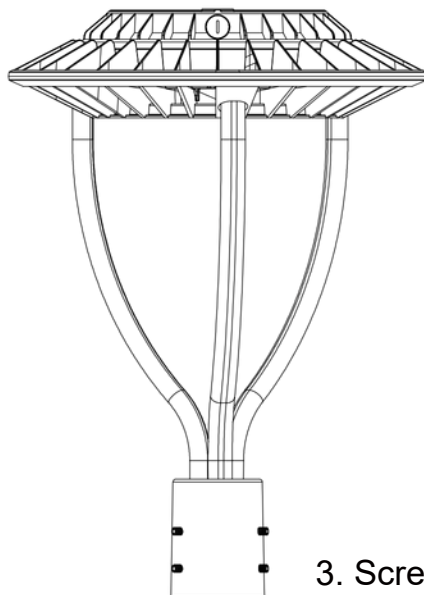


How to adjust the color temperature of the light

(If the color temperature adjustment function is available)



1. Unscrew the cap with a slotted screw



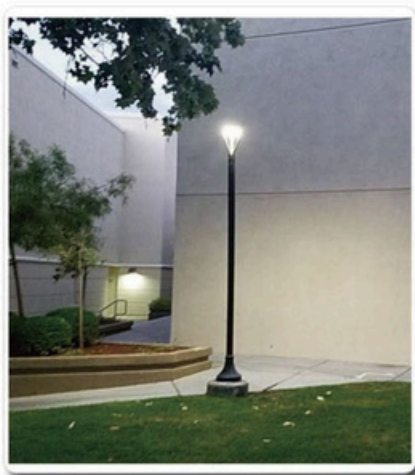
3. Screw the cap after CCT selection

2. Select the proper color temperature as you need

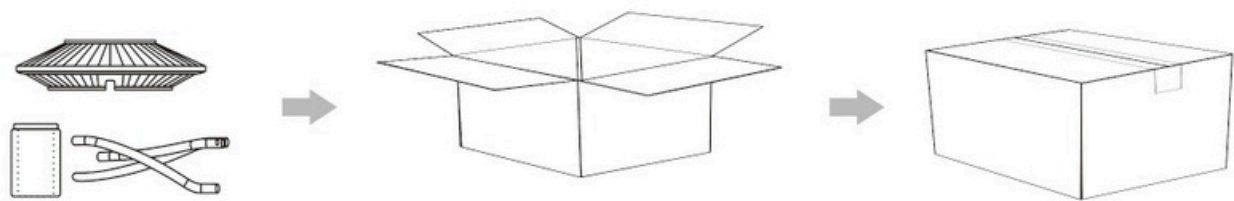
Warm Notice:

- 1: Please turn off the light before adjustable CCT.
- 2: Only turn on the light after you finished the CCT selection.

APPLICATIONS



Packaging



POWER	Unit	Size	Gross Weiget	Volume
60W 80W	1PCS	490*490*190mm	7.4 Kg	0.046m ³
	2PCS	510*510*415mm	16.0 Kg	0.108m ³
100W	1PCS	490*490*190mm	7.5 Kg	0.046m ³
	2PCS	510*510*415mm	16.2 Kg	0.108m ³
150W	1PCS	490*490*190mm	7.75 Kg	0.046m ³
	2PCS	510*510*415mm	16.8 Kg	0.108m ³