

## LED POST TOP AREA LIGHT

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  
Unicersal 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-Shok,Anti-moisture,No glare,No Strobe Light  
Protecting Your Eyes.



Photocell cap

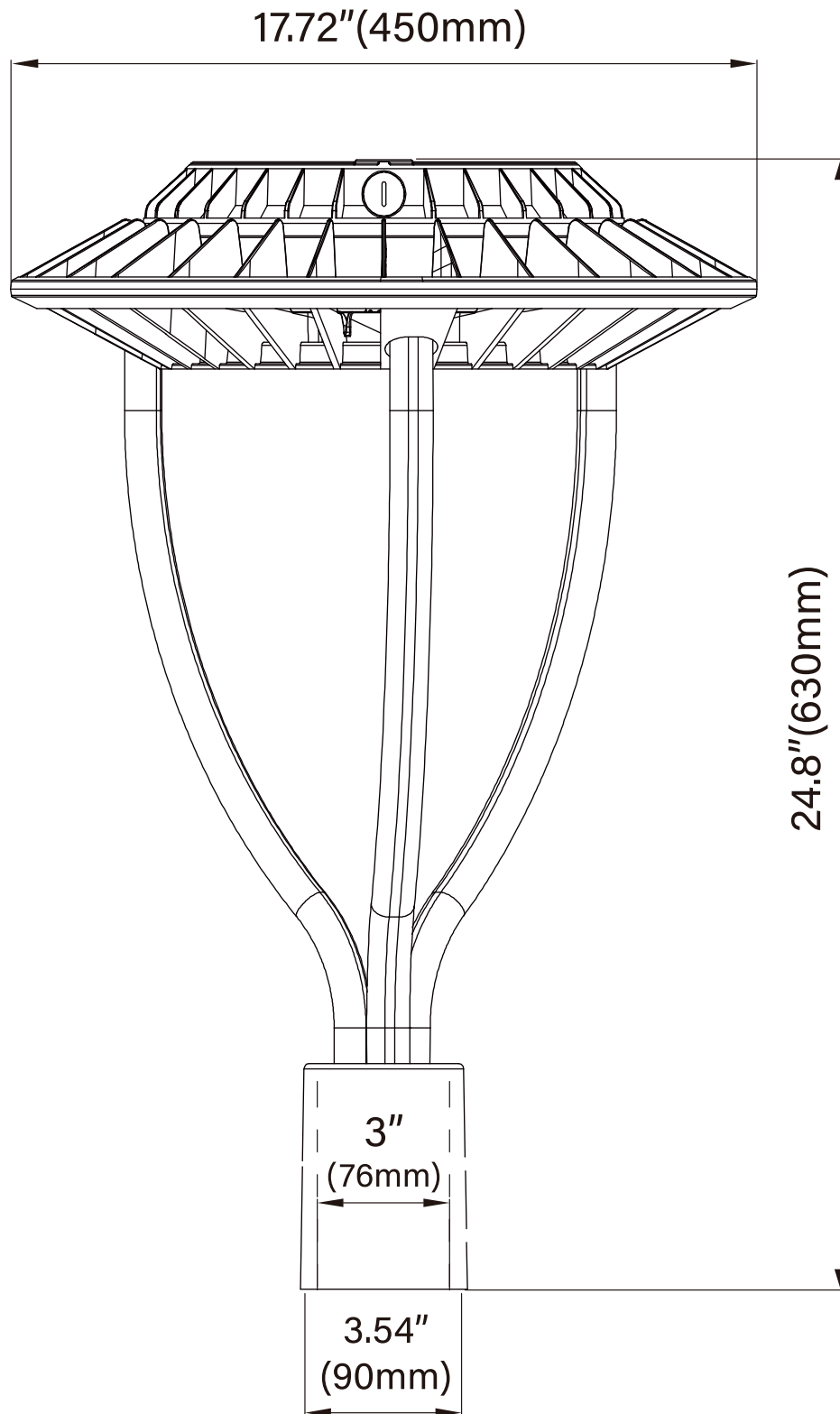


Photocell sensor

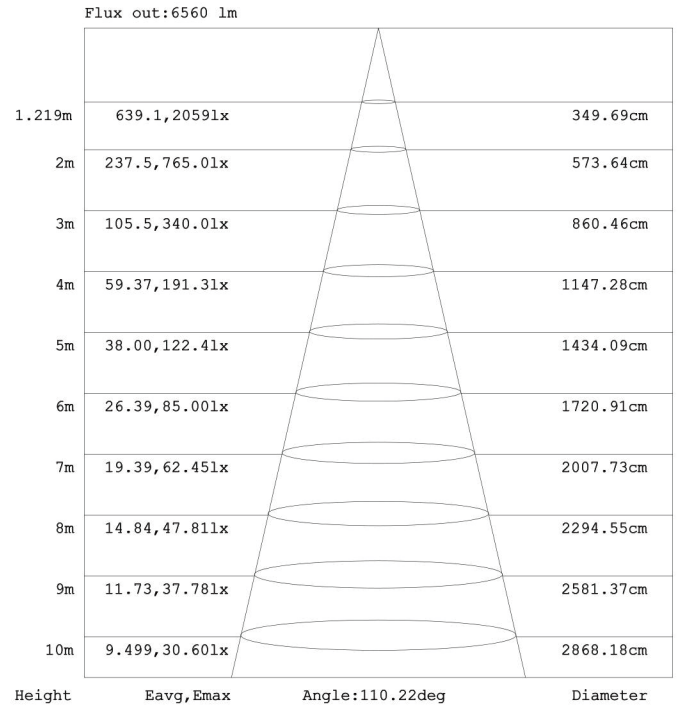
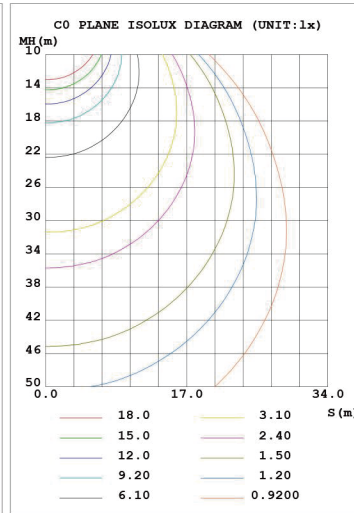
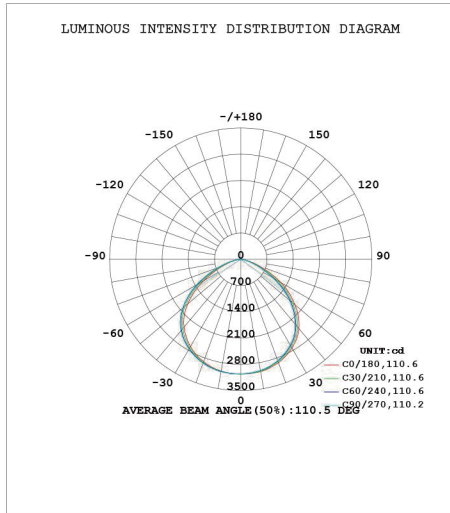
### Applications

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

Series	Lumens	Base	Beam Angle (Degree)	Electrical Data	LED Type	Color temperature	Color rendering index
NG-PTA-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 NW 4000 K DW 5000 K CW 5700 K	70 70 CRI 80 80 CRI 90 80 CRI
NG-PTA-80W	10125 Lm						
NG-PTA-100W	13500 Lm						
NG-PTA-150W	20250 Lm						

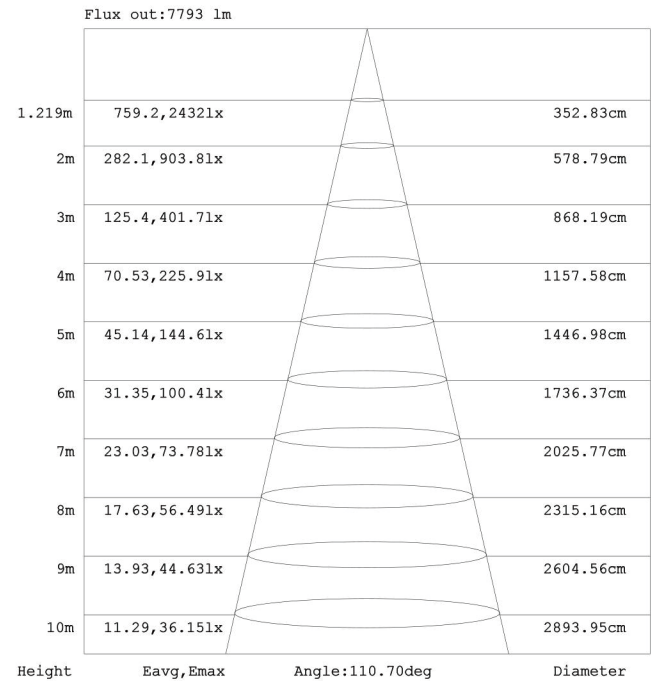
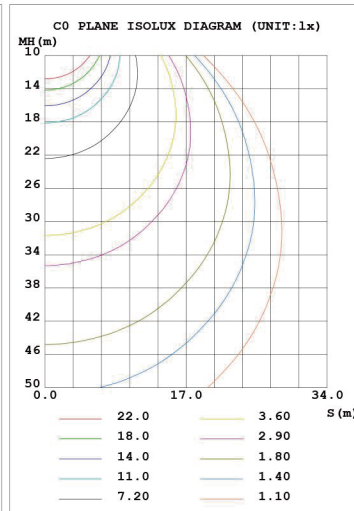
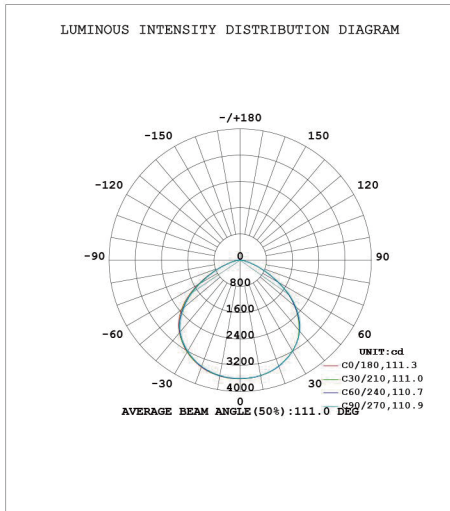


DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.35 lm/W			
MODEL	NG-PTA-60W	Imax (cd)	3060	S/MH (C0/180)	1.30
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.35
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	8240.2	$\eta$ UP, DN (C0-180)	0.0, 47.4
NOMINAL FLUX (lm)	8240.17	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)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



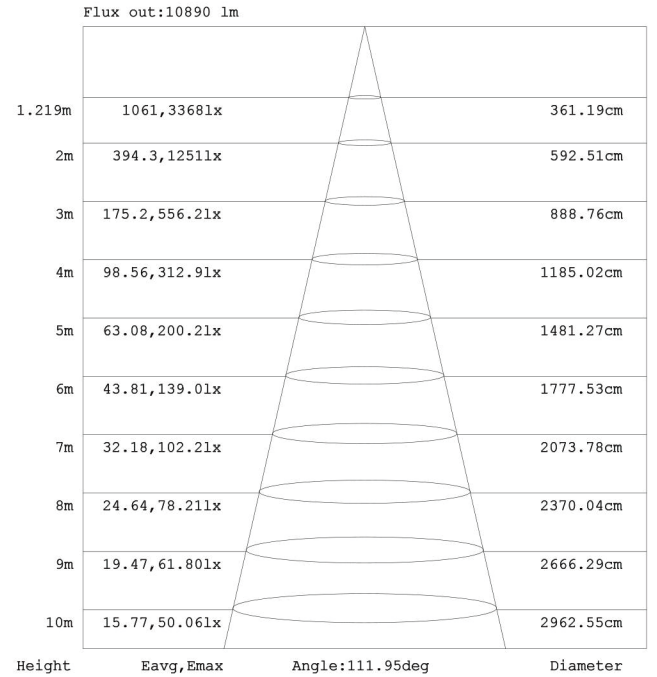
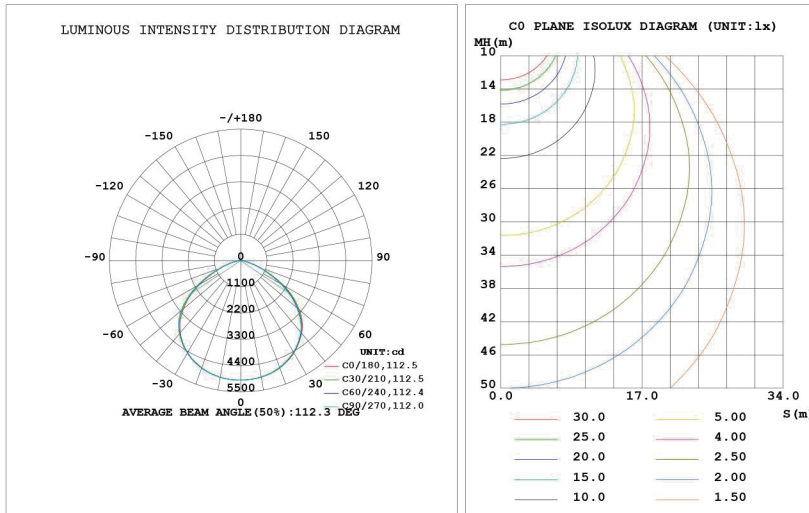
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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	$\eta$ UP, DN (C0-180)	0.0, 49.8
NOMINAL FLUX (lm)	9757.16	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0, 50.2
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.35



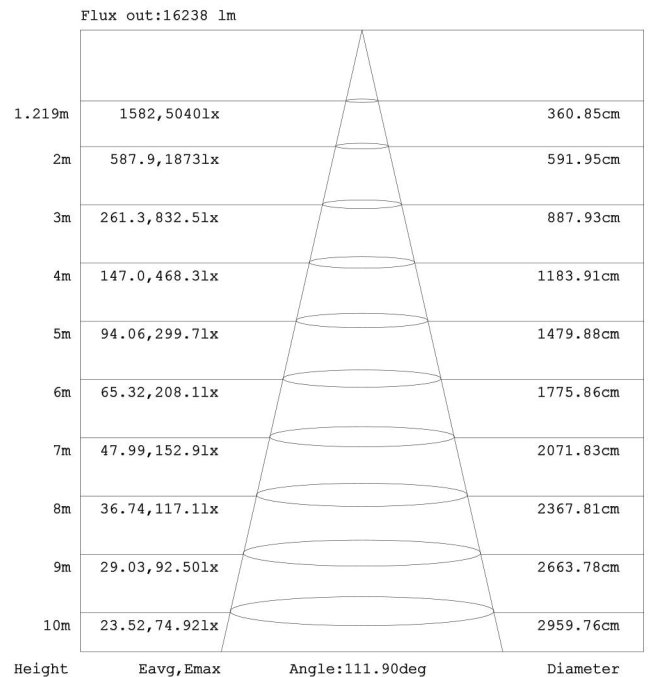
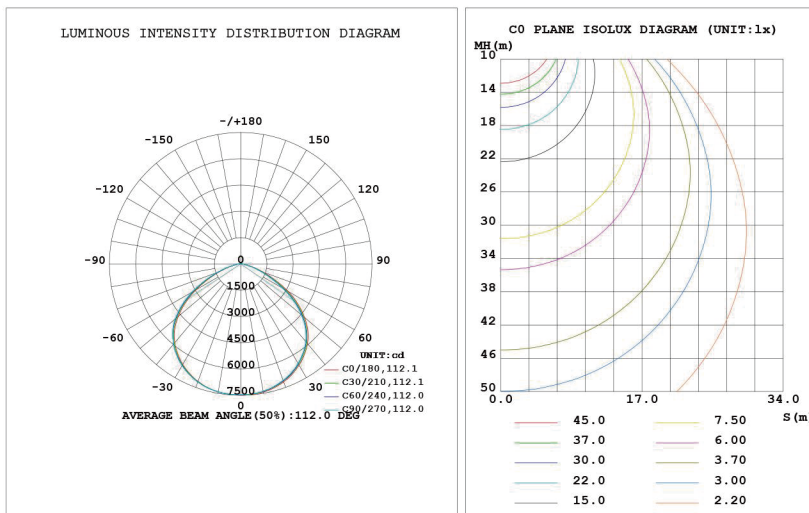
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.56 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:** Do cut off electrical source in order to avoid electrical shock and endanger life-safety before installation.

Model	Power	Input Voltage
NG-PTA-60W	60W	120~277V 50/60Hz
NG-PTA-80W	80W	120~277V 50/60Hz
NG-PTA-100W	100W	120~277V 50/60Hz
NG-PTA-150W	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

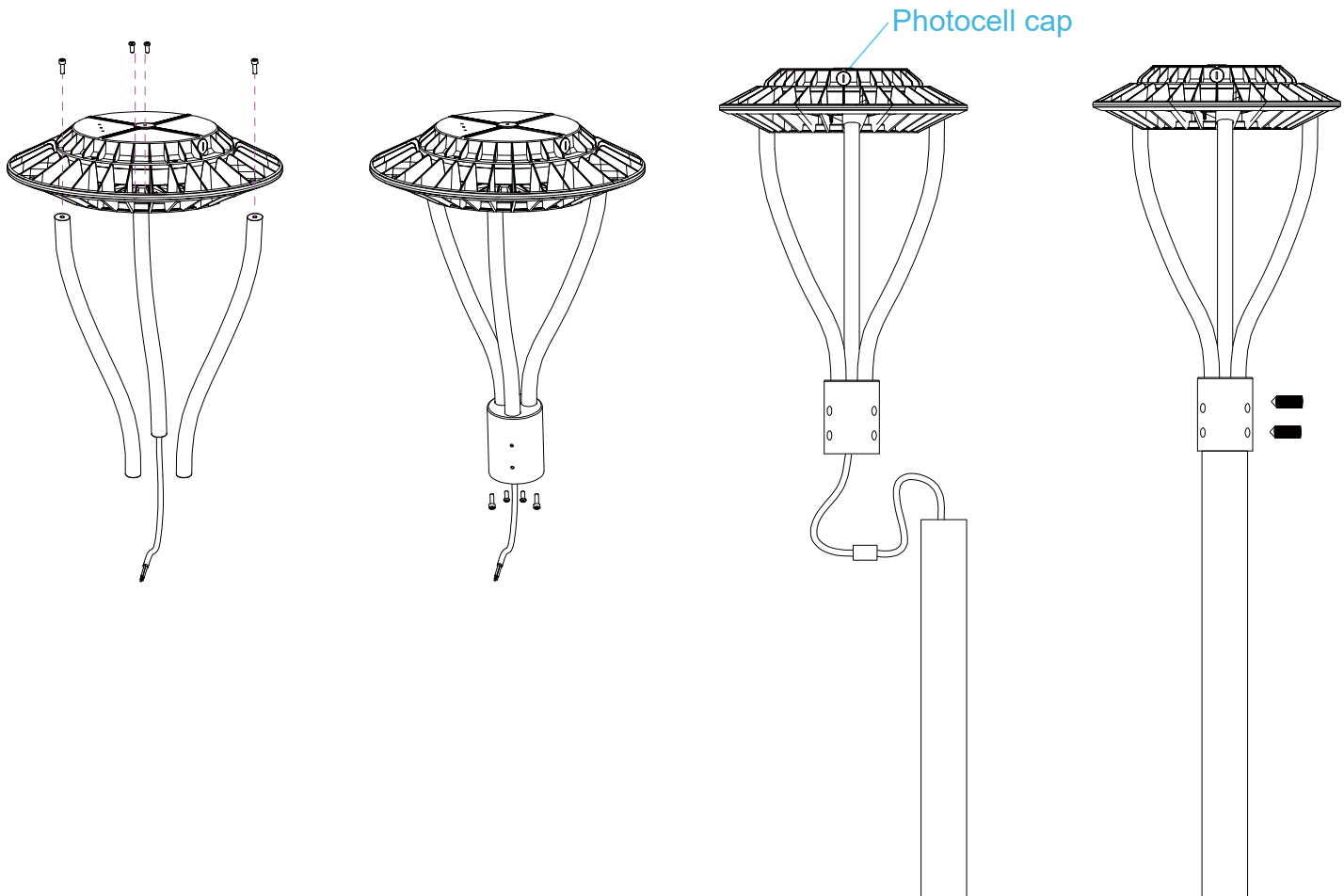
And good waterproof processing.

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

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

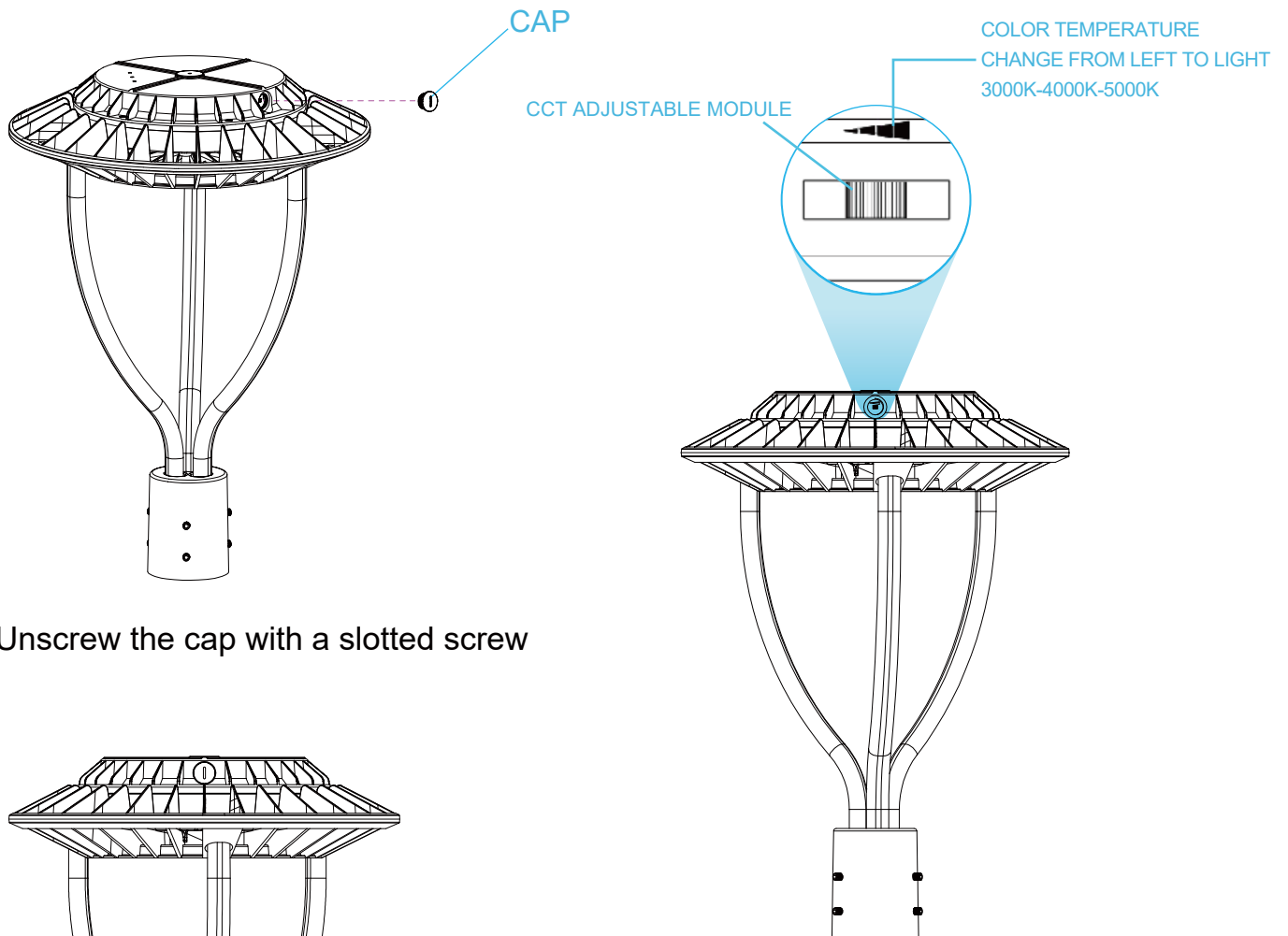
Step 5: On the lamps and lanterns hung up safety rope, and then install the lamp on the mast.

※ Install height form 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

2. Select the proper color temperature as you need

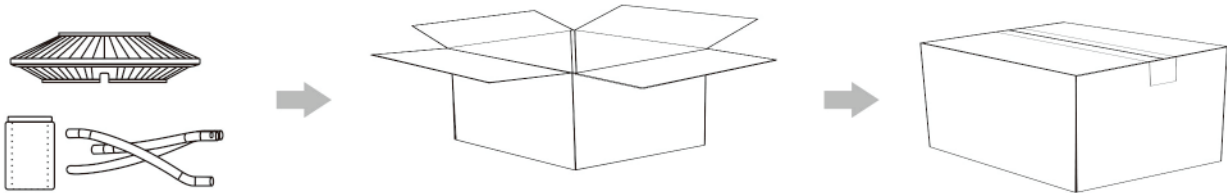
3. Screw the cap after CCT selection

### Warm Notice:

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



Packaging



POWER	Unit	Size	Gross Weiget	Volume
60W 80W	1PCS	490*490*190mm	7.4 Kg	0.046m³
	2PCS	510*510*415mm	16.0 Kg	0.108m³
100W	1PCS	490*490*190mm	7.5 Kg	0.046m³
	2PCS	510*510*415mm	16.2 Kg	0.108m³
150W	1PCS	490*490*190mm	7.75 Kg	0.046m³
	2PCS	510*510*415mm	16.8 Kg	0.108m³