LED POST TOP AREA LIGHT

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

Intertek
5005867

DLC NO.
NG-PTA-60W
NG-PTA-80W
NG-PTA-100W
NG-PTA-150W

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.

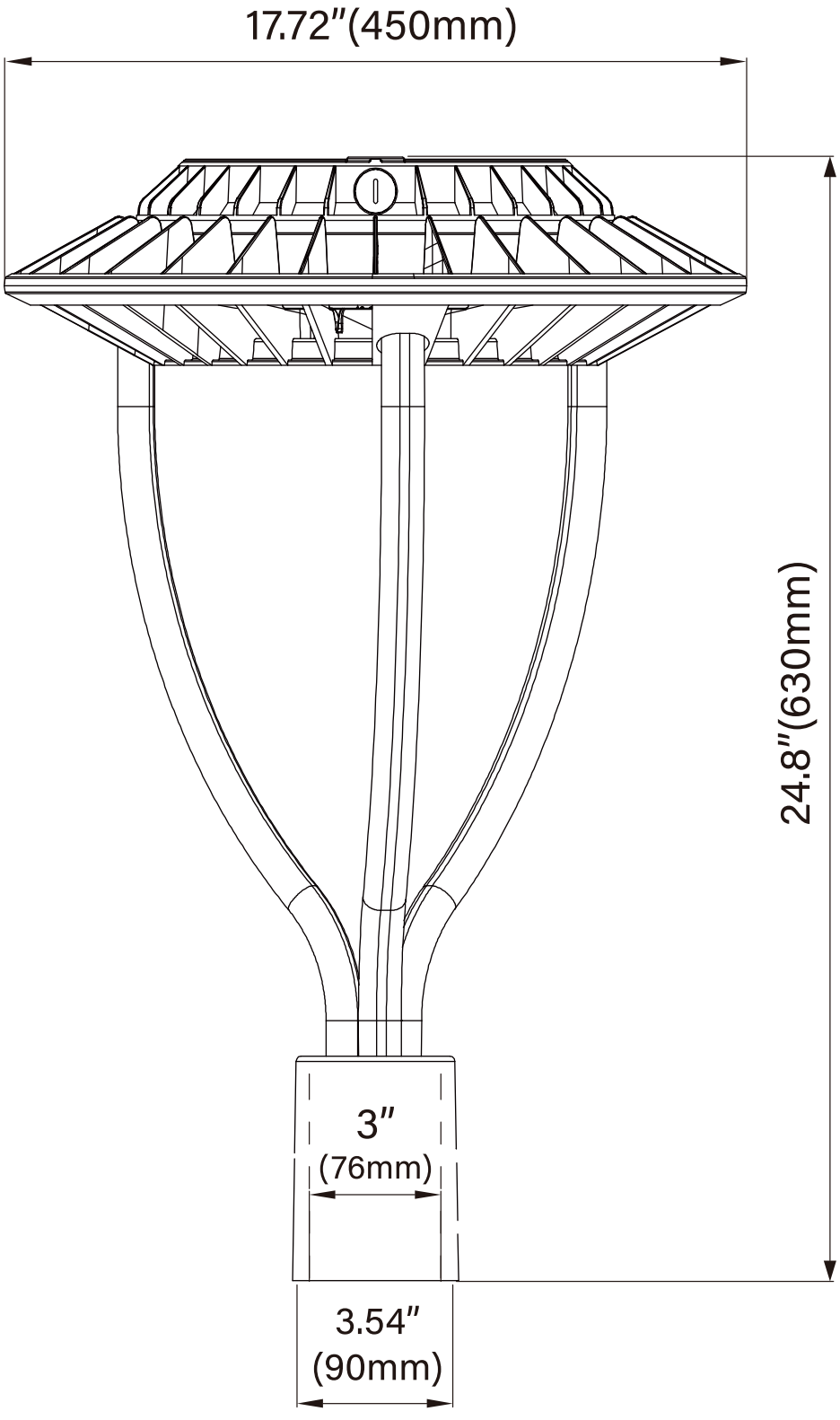
Photocell cap

Photocell sensor

Applications

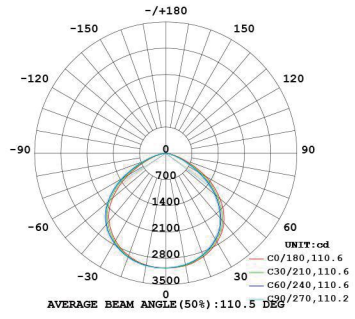
LED Psost Top Area Lighting series can be tidely used in City expressway,trunk road,factories, schools,garden,parking lots,pubic parks etc.

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	WW 3000 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						

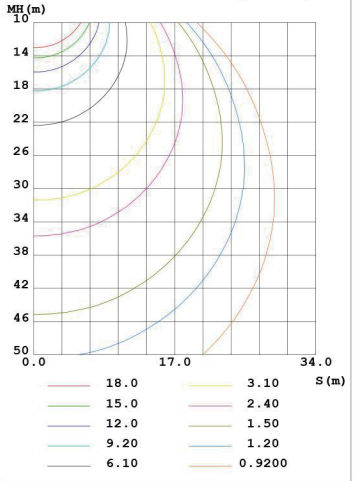

17.72"(450mm)
24.8"(630mm)
3"
(76mm)
3.54"
(90mm)

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

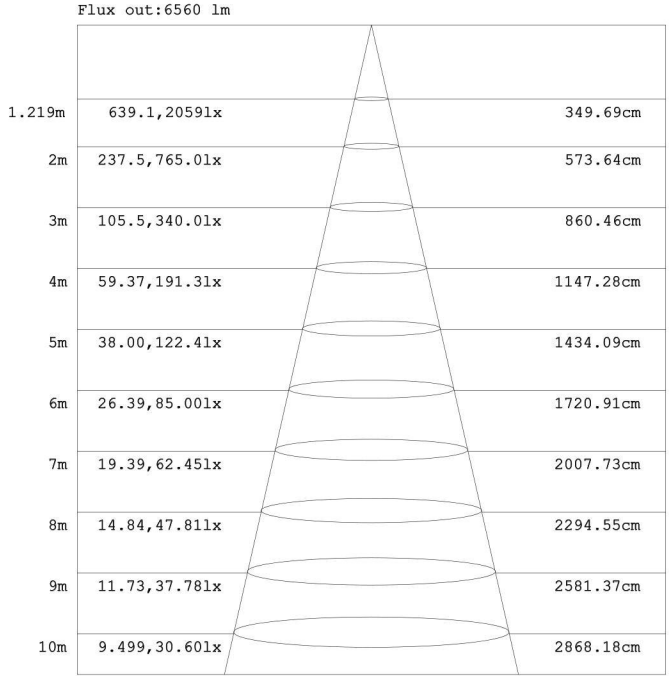
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



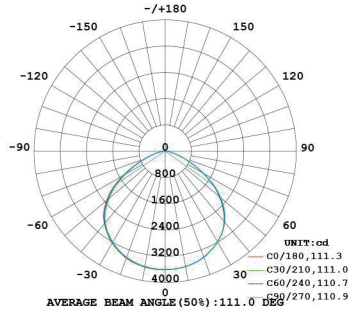
Flux out:6560 lm



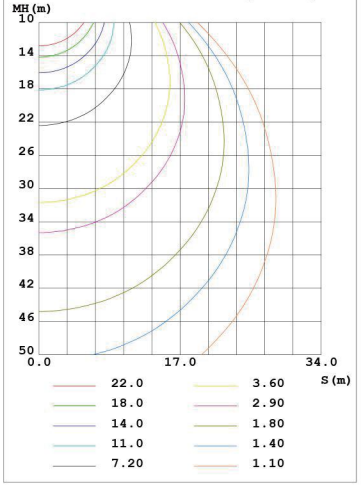
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

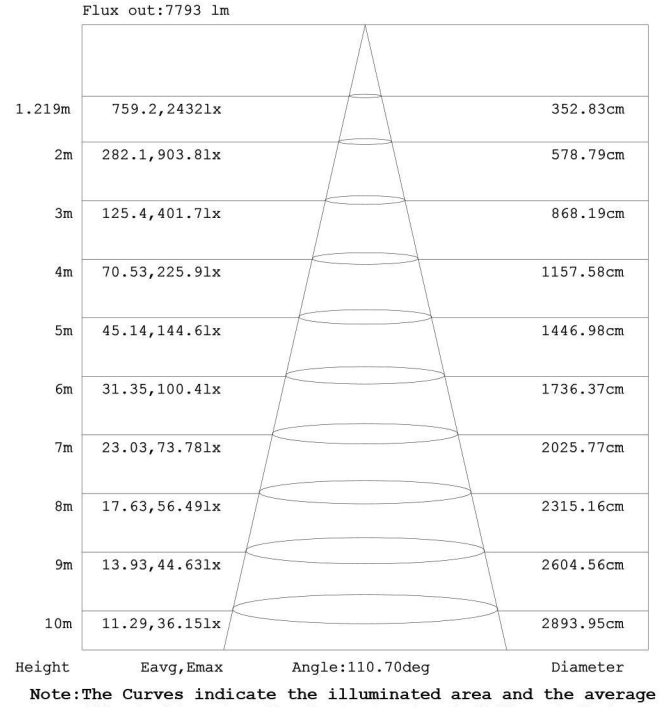
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out:7793 lm

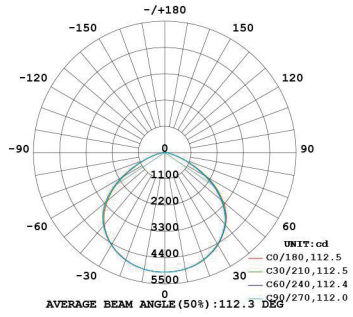


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

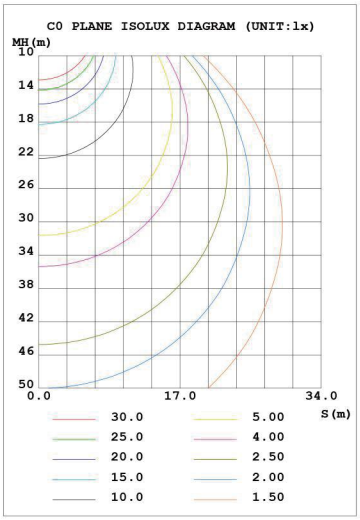
LED POST TOP AREA LIGHT

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

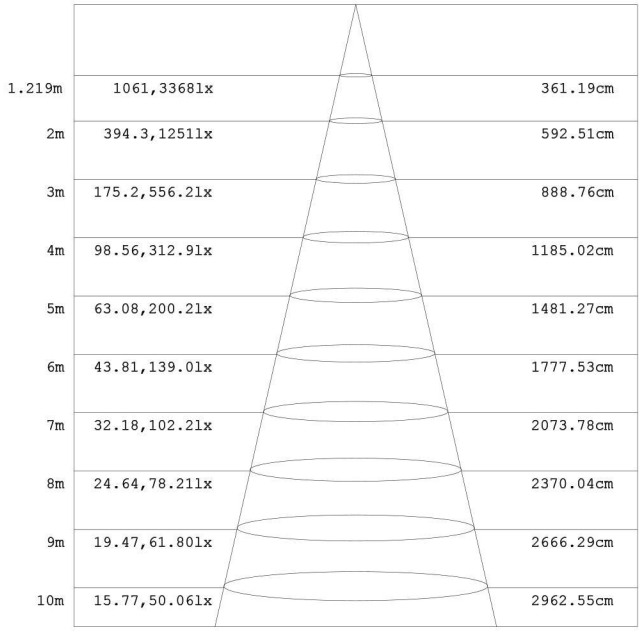
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



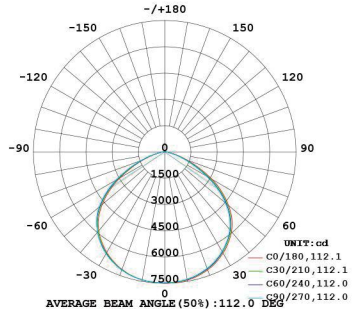
Flux out:10890 lm



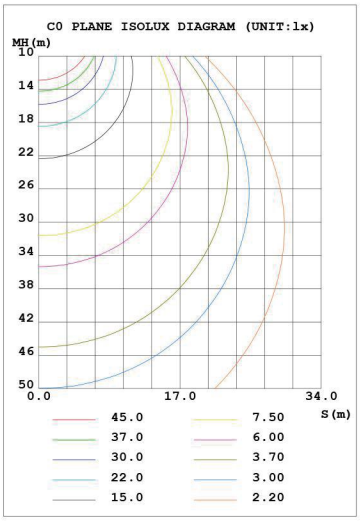
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

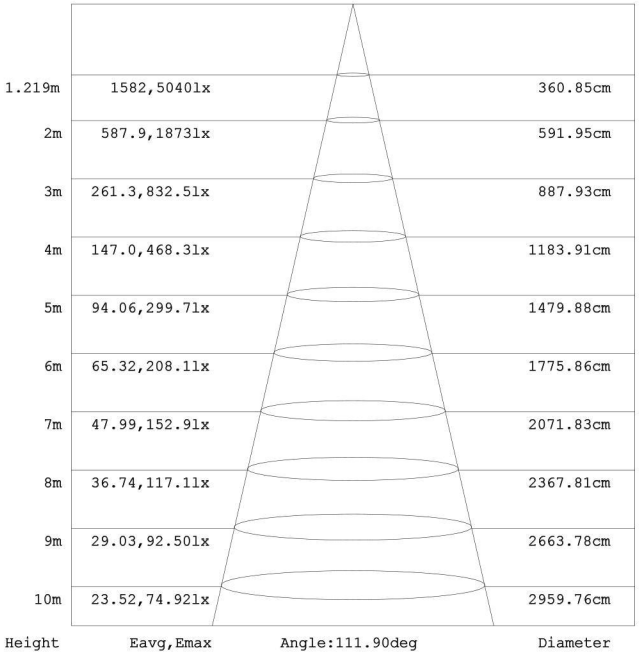
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out:16238 lm



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

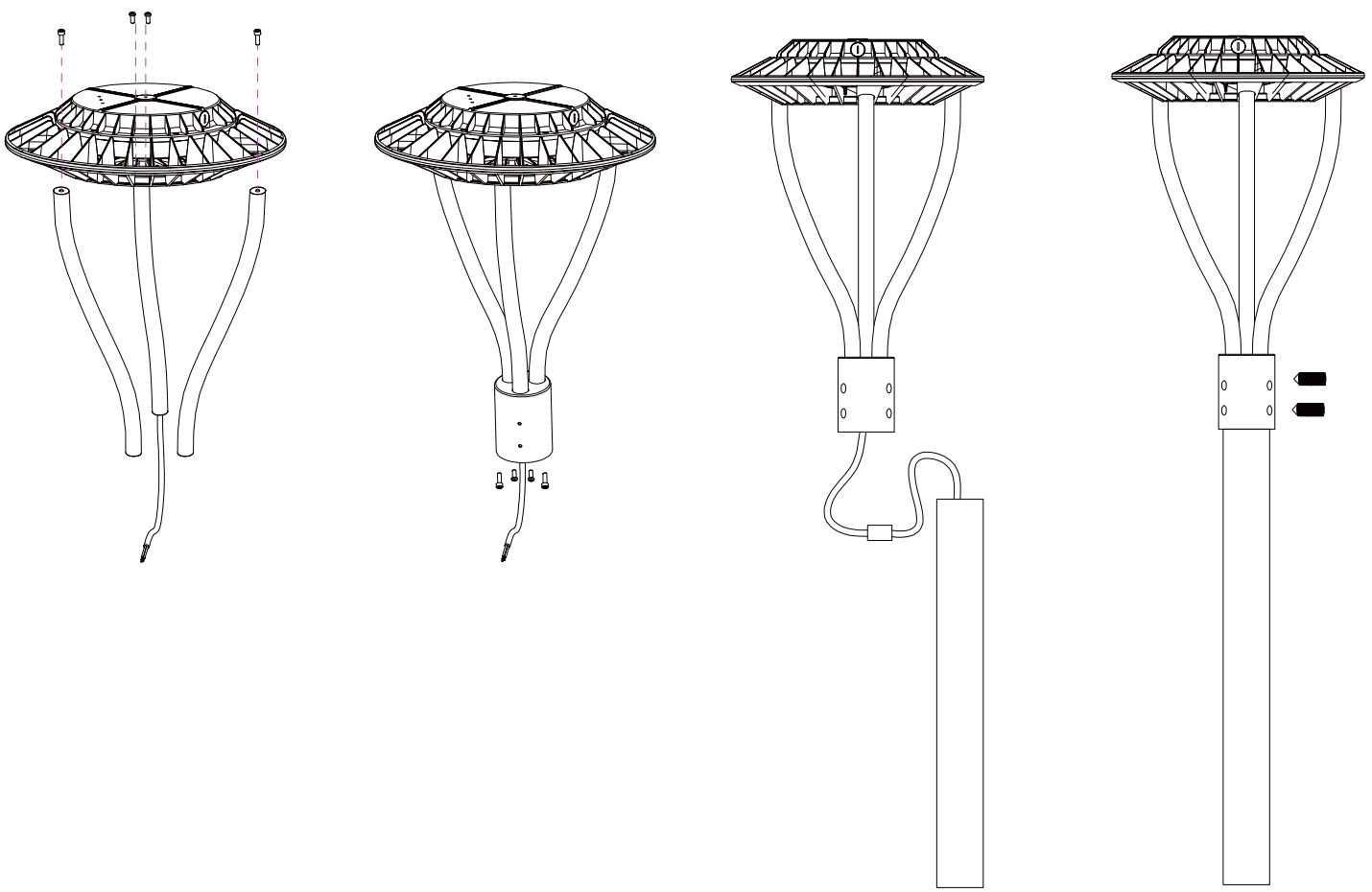
connect the green or green/yellow wire to ground

And good waterproof processing.

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

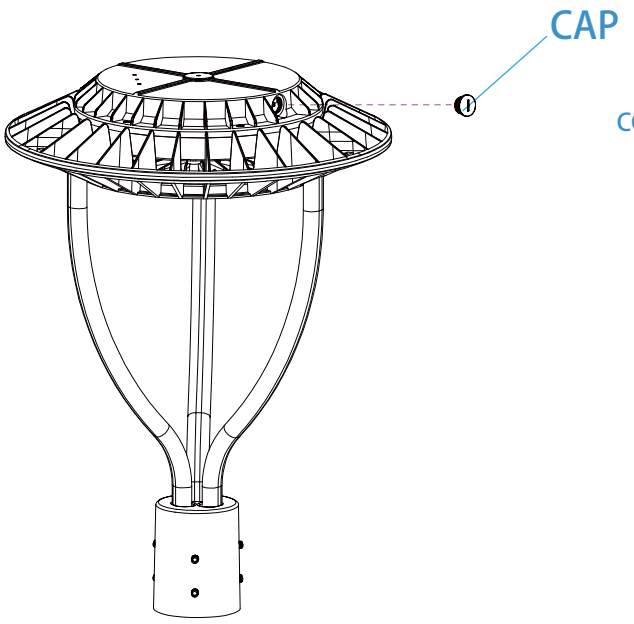
Step 4: On the lamps and lanterns hung up safety rope, and then install the lamp on the mast.

※Install height from floor higher than1.2m.

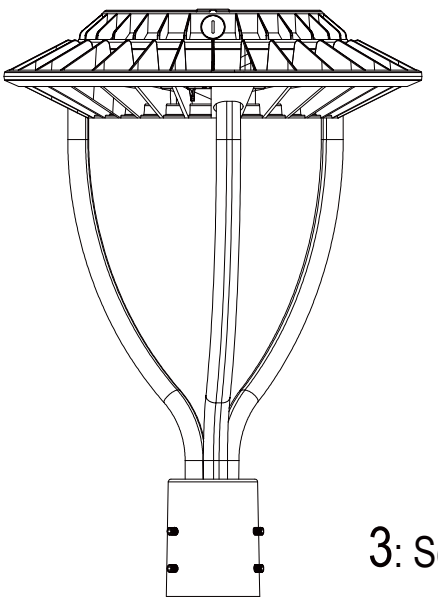


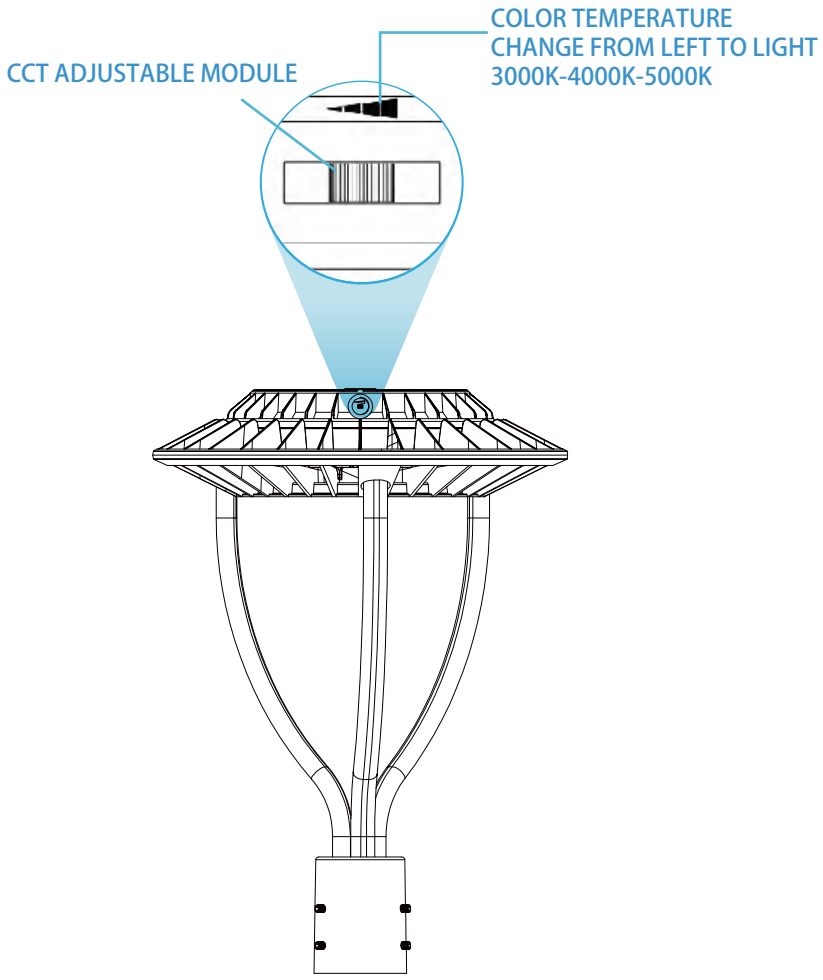
How to adjust the color temperature of the light

Warm Notice:
1:Please turn off the light before adjusting CCT.
2:Only turn on the light after you finished the CCT selection.



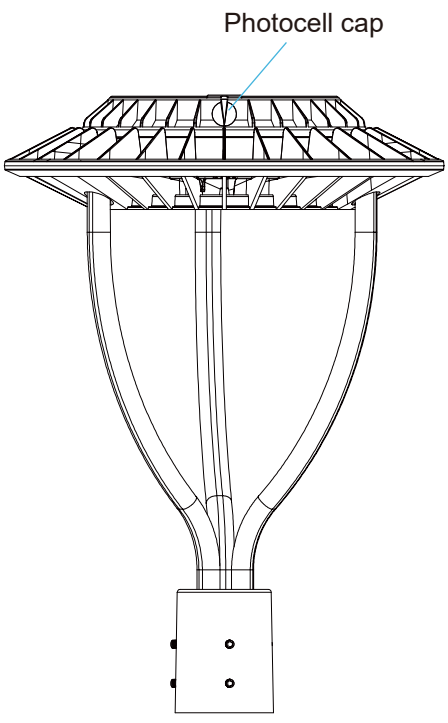
1: Unscrew the cap of slotted screw

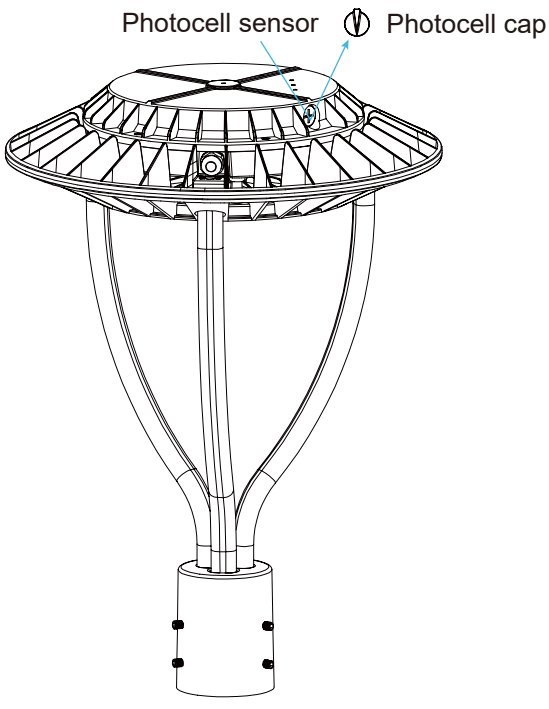




2: Select proper color temperature

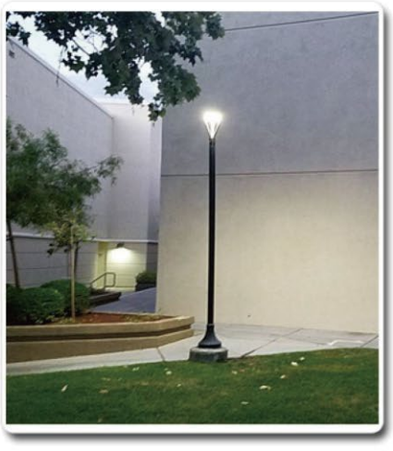
3: Screw the cap after CCT selection



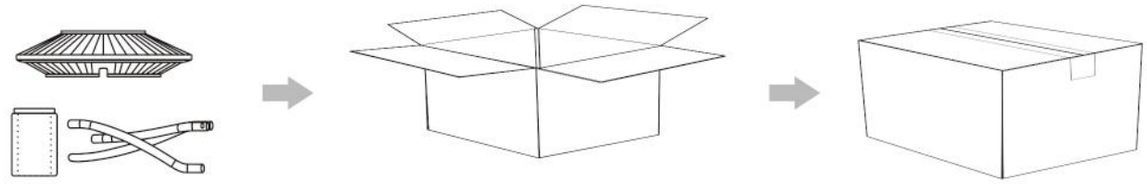


APPLICATIONS



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