Sharplumi Lighting co.,Ltd

OSRAM LED Drivers
5 years warranty(8hrs/day)

Specification For LED Street Lamps

PRODUCT NAME: LED Street Lamps

PART NO: SRSL060W-230V SRSL100W-230V
SRSL150W-230V SRSL200W-230V

Made By	Checked by
Hu	Jason Song

CE Pb ROHS

Sharplumi Lighting Co.,Ltd

Description:

★ Excellent Street Lighting for safer, clearer and more uniform road environment.

★ This product waterproof and dustproof level 66.Can be used in various of places.

★ Green lighting source is not only reliable and durable, but also low maintenance cost.

★ Adopted 2835/3030 SMD Led light source,Large-Size Chip with High brightness and low light fades, Enough Current margin, Led chip Rated current 150mA,actual use only120mA, Extend led Lights lifespan and increase Light Efficiency.

★ Adopted OSRAM Driver, Universal AC Input/Full range up to AC 220-240V. Protection function: short circuit/over current/over voltage/over temperature, Built-in. active PFC function, PF≥0.95 and Conversion efficiency≥90%

★ Warm/pure/cool white all avialble

★ Integrated fixture structure, Air convection design for reliable lifetime.

Application areas

| Streets | Urban areas | Roads | Motorways | Parking areas | Pedestrians crossings |

Used in various roads, parking lots, sports fields, parks, courtyards, and other outdoor places.

Sharplumi Lighting co.,Ltd

150~170LM/W

- Light controller (optional)
- 1-10V Dimming (optional)
- Lightning protection
- Lumileds/ Philips Leds/ Sanan Leds
- OSRAM LED Driver
- System efficacy is up to 150~170LM/W
- Surge protection-SPD level of 15KV/20KV.

Light controller
(optional)

**16Lux turn on
25Lux turn off**

LED and lens detail

OSRAM
LED Driver Inside

OPTOTRONIC
OT 100/220-240/2A8 P7

CE   IP67   SELV   OSRAM

CE   CCC   IP67   SELV

Lightning arrester

5 YEARS WARRANTY 8hrs/day

CQC   CE   TÜVRheinland

Product Photos

60W

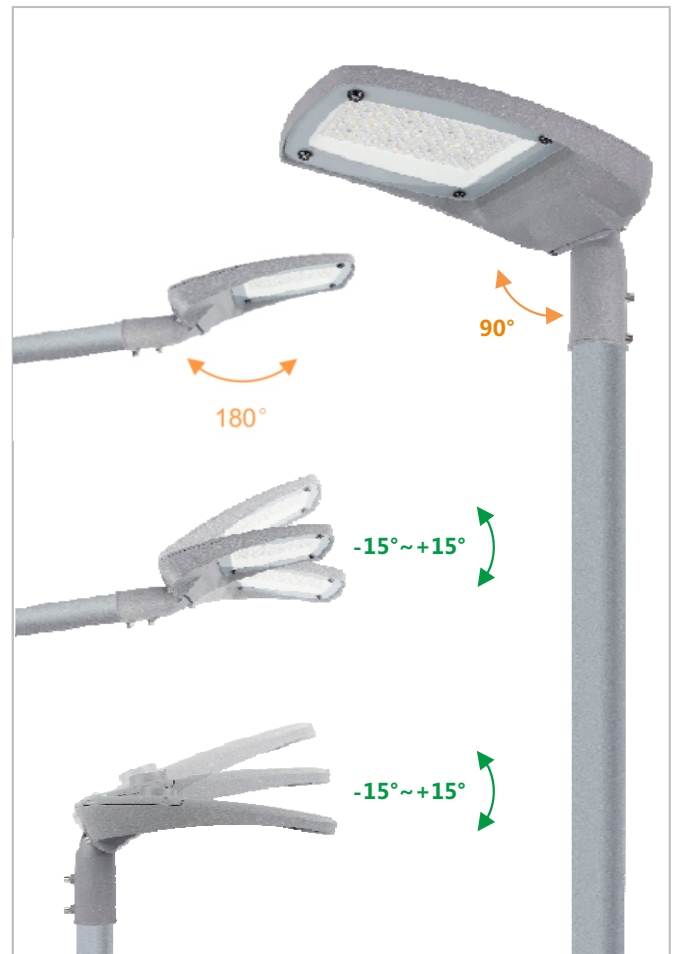## 100W

Product Photos

150W

200W

- **Gradienter**
- **Protection level of IP 66 and Ik10**
- **Horizontally or vertically installed available, arm mount is adjustable from-15°to 15°.**
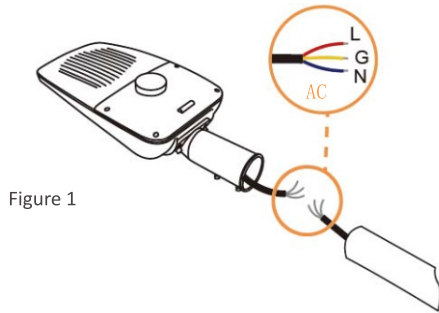

Gradienter
keep the fixture horizontally (installation or all using time)

180°
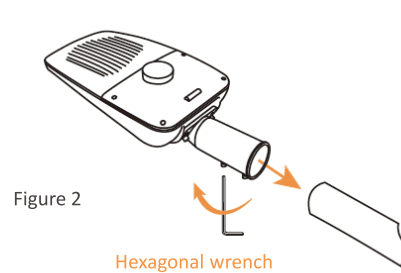
90°

180°

90°

-15°~+15°

-15°~+15°

Installatio

① Wiring, as shown in Figure 1.
AC input: L (brown or red)- firewire, N (blue or black)-neutral,(yellow-green)-ground line;

Figure 1

② Install the pole, as shown in Figure 2.
Put the pole into the lamp arm and fix the screw with a hex wrench. Be careful not to lock it;
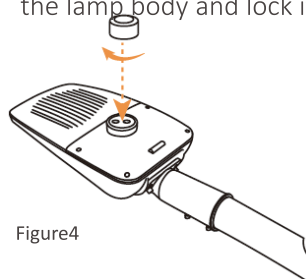
Figure 2

Hexagonal wrench

③ Adjust the angle as shown in Figure 3. Adjust the lamp body horizontally to make the lamp body and the ground Vertically, tighten the screws with a hex wrench;
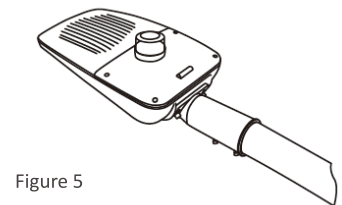
Figure 3

Hexagonal wrench
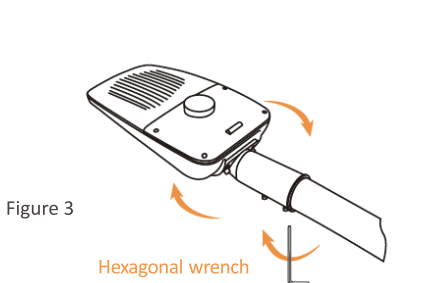
④ Install the Photocontrol, as shown in Figure 4.
Place the photocontrol on the lamp body and lock it;

Figure4

⑤ Assembly is completed, as shown in Figure 5.

Figure 5

if with light controller

Netural Line

Light control device for lamps

Light controller socket

Black

White

Red

Lamp

Dimensions(Unit:mm)

L

H

W
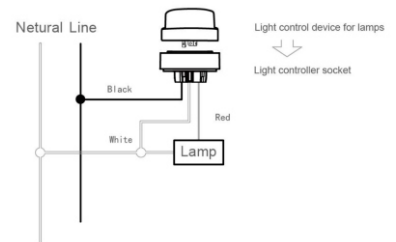
Installation Pole Diameter
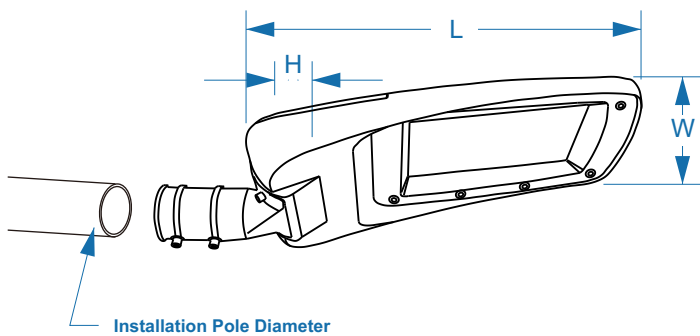
Model	Power	Product Size	Installation Pole Diameter
SRSL060W-230V	60W	L370xW180xH80mm	Φ60mm
SRSL100W-230V	100W	L420xW240xH80mm	Φ60mm
SRSL150W-230V	150W	L550xW280xH80mm	Φ60mm
SRSL200W-230V	200W	L600xW280xH80mm	Φ60mm

Installation suggestions

Height

Road width

Height
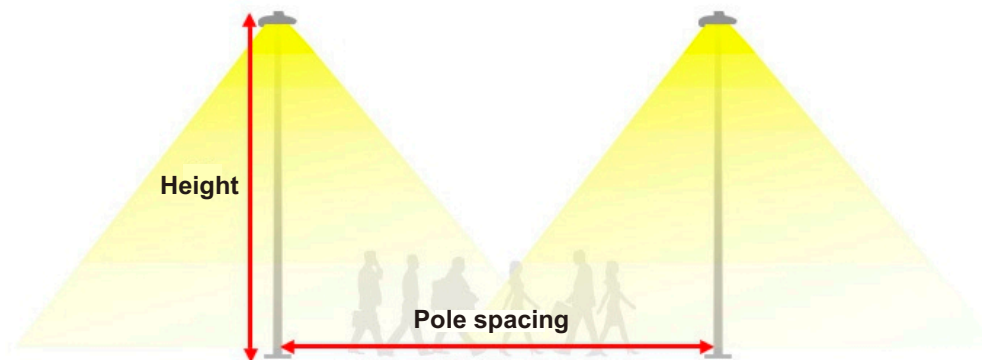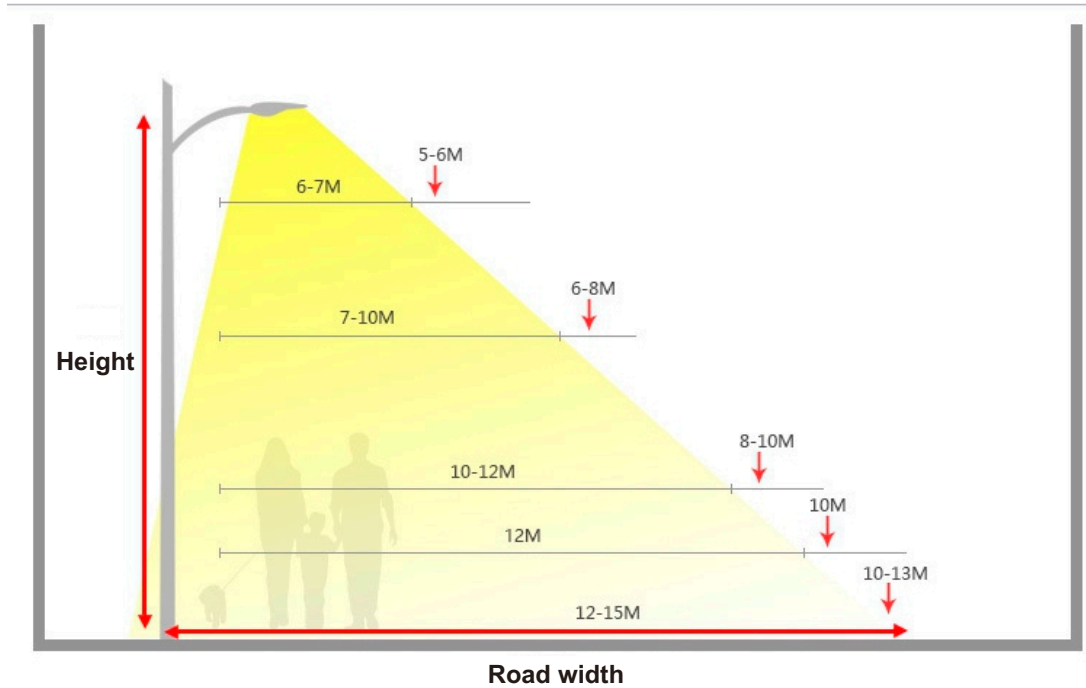
Pole spacing

No.	Height of pole	Pole spacing	Road width	LED street lamp power
1	5-6M	5-20M	6-7M	60W
2	6-8M	18-24M	7-10M	100W
3	8-10M	24-30M	10-12M	150W
4	10-13M	30-39M	12-15M	200W

The above information is for reference only.

Sharplumi Lighting co.,Ltd

Product Speci cations

Driver brands: OSRAM

Optional LED brands: Lumileds/ Philips Leds/ Sanan Leds

Product	SRSL060W-230V	SRSL100W-230V	SRSL150W-230V	SRSL200W-230V
Norminal Wattage	60W	100W	150W	200W
LED Qty	72 PCS	128 PCS	240 PCS	288 PCS
Input Voltage	AC220-240V 50/60Hz			
Luminaires Class	Class I			
LED Brand	Lumileds/ Philips Leds/ Sanan Leds 2835SMD/3030SMD			
Driver Brand	OSRAM			
Operating Temperature	−20℃to+50℃			
Power Factor(PF)	≥0. 95			
THD	<20%			
Lumen Output (+/- 5%)	9000 lm	16000 lm	25500 lm	34000 lm
Luminaire efficacy (+/- 5%)	150LM/W	160LM/W	170LM/W	170LM/W
Beam Angle	140°x70°			
CRI	≥70 Ra			
CCT	3000K (Warm White), 4000K (Nature White), 6000K (Cool White)			
Rating	IP66			
Material	Die-cast aluminum + optical glass			
Suit for Light pole	Φ60	Φ60	Φ60	Φ60
Accessories (Optional)	Light controller			
Shell Color	Gray other RAL colors available on request			
Product Size(mm)	L370xW180xH80	L420xW240xH80	L550xW280xH80	L600xW280xH80
Packaging Type	1*3layer=3PCS/carton	1*3layer=3PCS/carton	1*2layer=2PCS/carton	1*2layer=2PCS/carton
Packaging size(mm)	L550xW240xH405	L640xW310xH465	L760xW340xH320	L810xW340xH320
N.W.	2. 3KG	3. 7KG	5. 8KG	6. 4KG
G.W.	9. 3KG／Carton	14. 6KG／Carton	14. 3KG／Carton	16. 1KG／Carton
Lumen Maintenance	＞50,000 hours-L$_{70}$ at 25 ℃			
Certifications	CE、RoHS			

The tolerance range of test data above is 6%，but normally warm white is ±8%.

Test report

MODEL:SRSL060W-230V

AAI Figure
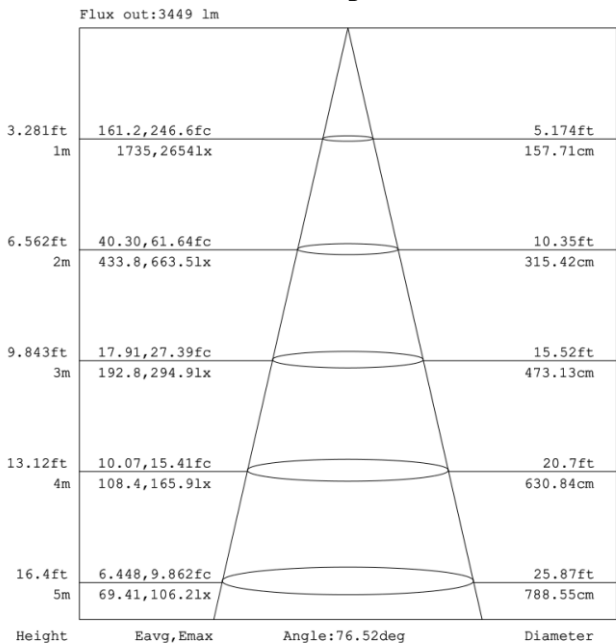
Flux out:3449 lm

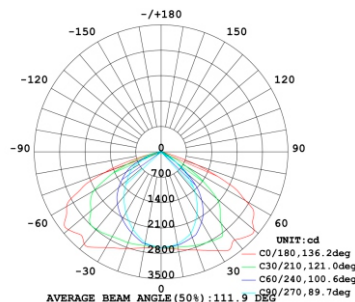| Height	Eavg,Emax		Diameter
3.281ft 1m	161.2,246.6fc 1735,26541x		5.174ft 157.71cm
6.562ft 2m	40.30,61.64fc 433.8,663.51x		10.35ft 315.42cm
9.843ft 3m	17.91,27.39fc 192.8,294.91x		15.52ft 473.13cm
13.12ft 4m	10.07,15.41fc 108.4,165.91x		20.7ft 630.84cm
16.4ft 5m	6.448,9.862fc 69.41,106.21x		25.87ft 788.55cm

Angle:76.52deg

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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180,136.2deg
C30/210,121.0deg
C60/240,100.6deg
C90/270,89.7deg

AVERAGE BEAM ANGLE(50%):111.9 DEG

ISOLUX DIAGRAM

MH=1m

2100	800
1900	270
1600	130
1300	80.0
1100	27.0

MODEL:SRSL100W-230V

AAI Figure

Flux out:6996 lm

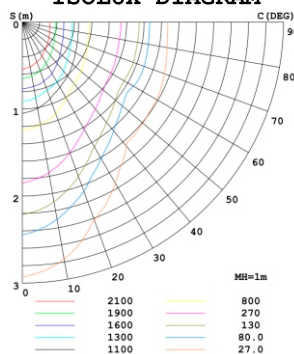| Height	Eavg,Emax		Diameter
3.281ft 1m	293.8,465.9fc 3163,50141x		5.415ft 165.06cm
6.562ft 2m	73.46,116.5fc 790.7,12541x		10.83ft 330.12cm
9.843ft 3m	32.65,51.76fc 351.4,557.21x		16.25ft 495.17cm
13.12ft 4m	18.36,29.12fc 197.7,313.41x		21.66ft 660.23cm
16.4ft 5m	11.75,18.63fc 126.5,200.61x		27.08ft 825.29cm

Angle:79.06deg

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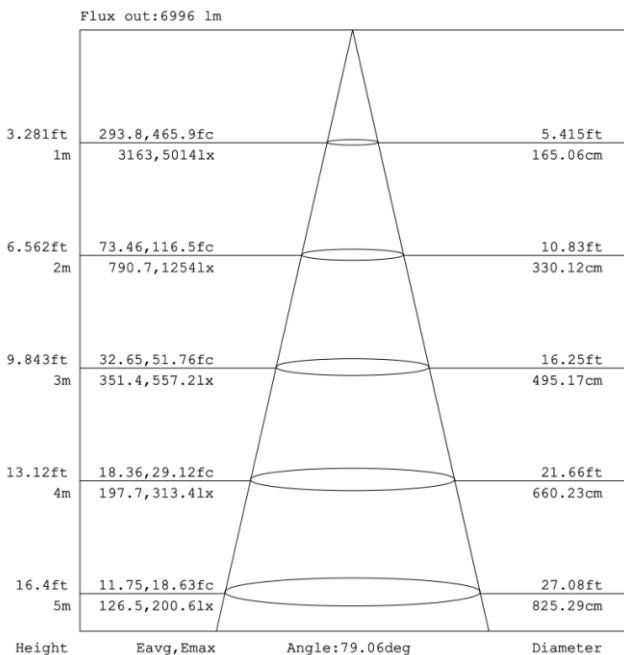
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
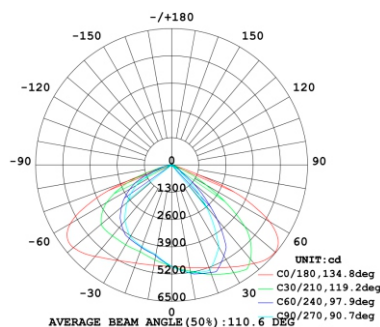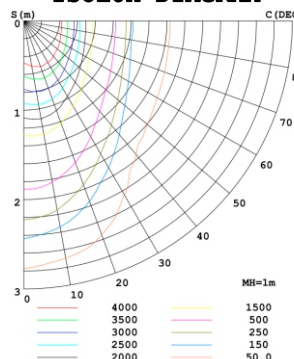C0/180,134.8deg
C30/210,119.2deg
C60/240,97.9deg
C90/270,90.7deg

AVERAGE BEAM ANGLE(50%):110.6 DEG

ISOLUX DIAGRAM

MH=1m

4000	1500
3500	500
3000	250
2500	150
2000	50.0

Test report

MODEL:SRSL150W-230V

AAI Figure

Flux out:12053 lm

Height	Eavg,Emax	Angle:79.84deg	Diameter
3.281ft 1m	506.2,775.9fc 5449,83521x		5.491ft 167.36cm
6.562ft 2m	126.6,194.0fc 1362,20881x		10.98ft 334.72cm
9.843ft 3m	56.25,86.21fc 605.4,928.01x		16.47ft 502.08cm
13.12ft 4m	31.64,48.49fc 340.6,522.01x		21.96ft 669.44cm
16.4ft 5m	20.25,31.04fc 218.0,334.11x		27.45ft 836.79cm

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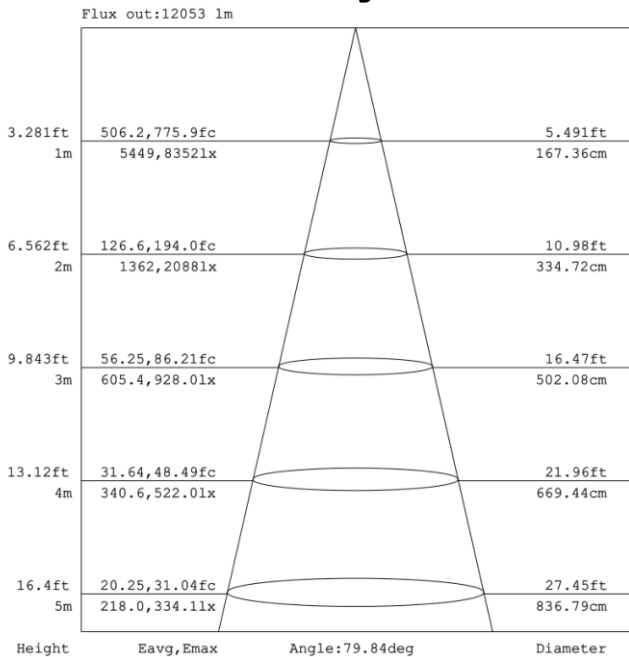
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180

UNIT:cd
C0/180,135.4deg
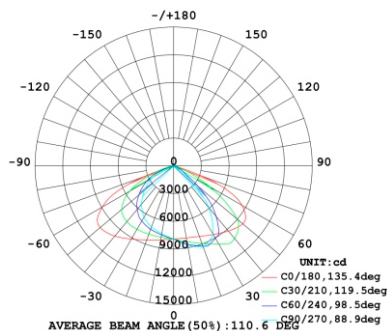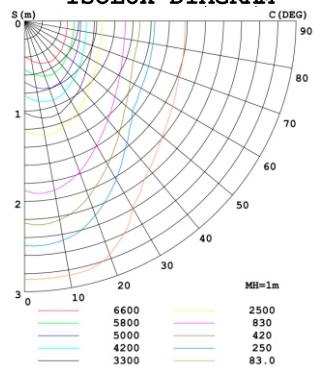C30/210,119.5deg
C60/240,98.5deg
C90/270,88.9deg
AVERAGE BEAM ANGLE(50%):110.6 DEG

ISOLUX DIAGRAM

S(m)   C(DEG)

MH=1m

6600	2500
5800	830
5000	420
4200	250
3300	83.0

MODEL:SRSL200W-230V

AAI Figure

Flux out:14501 lm

Height	Eavg,Emax	Angle:76.56deg	Diameter
3.281ft 1m	677.7,1002fc 7295,107901x		5.178ft 157.82cm
6.562ft 2m	169.4,250.6fc 1824,26981x		10.36ft 315.65cm
9.843ft 3m	75.30,111.4fc 810.6,11991x		15.53ft 473.47cm
13.12ft 4m	42.36,62.65fc 455.9,674.41x		20.71ft 631.30cm
16.4ft 5m	27.11,40.10fc 291.8,431.61x		25.89ft 789.12cm

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

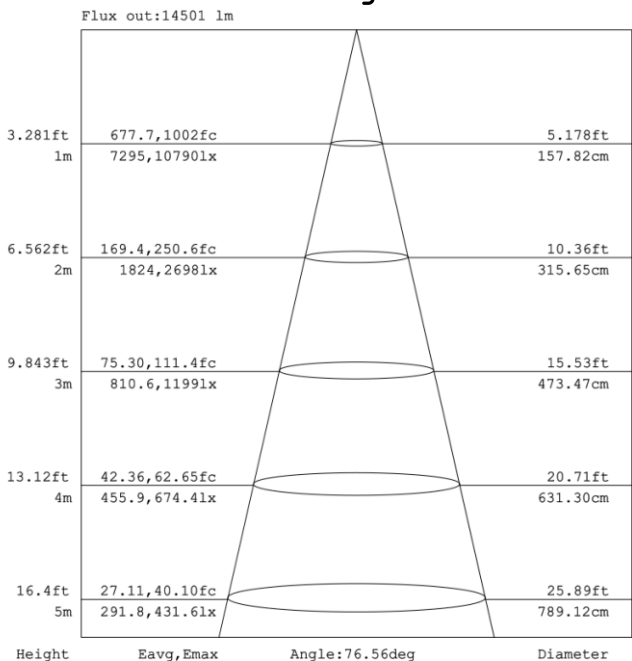LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180

UNIT:cd
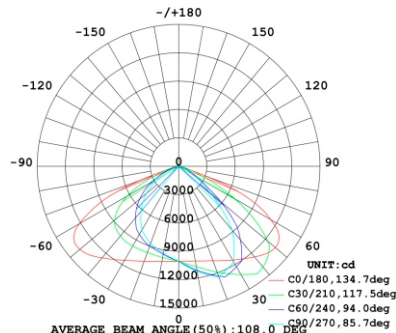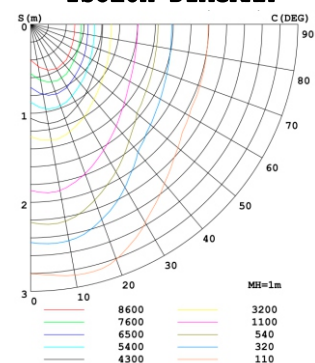C0/180,134.7deg
C30/210,117.5deg
C60/240,94.0deg
C90/270,85.7deg
AVERAGE BEAM ANGLE(50%):108.0 DEG

ISOLUX DIAGRAM

S(m)   C(DEG)

MH=1m

8600	3200
7600	1100
6500	540
5400	320
4300	110

Packing Info

Common Style	**Light Controller Style**
①	① and
↓	↓
②	②
↓	↓
③	③
↓	↓
④	④

Cautions:
1.This product must be installed by professionals;
2.If there is any damage on the power line or shell, it should be taken as defective product and should not be used;
3.High voltage, non-professionals are not allowed to install, disassemble the product or connect wires.