NAME: LED Street Light

P/N: SNC-ST-180WFX

Note: The Letter X in P/N stands for

01：No other solutions or extra accessory parts for the lamp

03：Lamp + Photocell

04：Lamp + Surge Protector

07：Lamp + Photocell+Surge Protector

Advantage：

➢ UL cUL DLC certificate

➢ PHILIPS Chip, high CRI

➢ Mean Well IP65 driver,input voltage 100-277VAC

➢ No UV or IR in the beam

➢ Easy to install and operate

➢ Energy saving, long lifespan

➢ Light is soft and uniform, safe to eyes

➢ Instant start, NO flickering, NO humming

➢ Green and eco-friendly without mercury.

Application：

◆ Roadway lighting；

◆ Gymnasium，park；

◆ Factory，school；

◆ All kinds of residential area, courtyard.
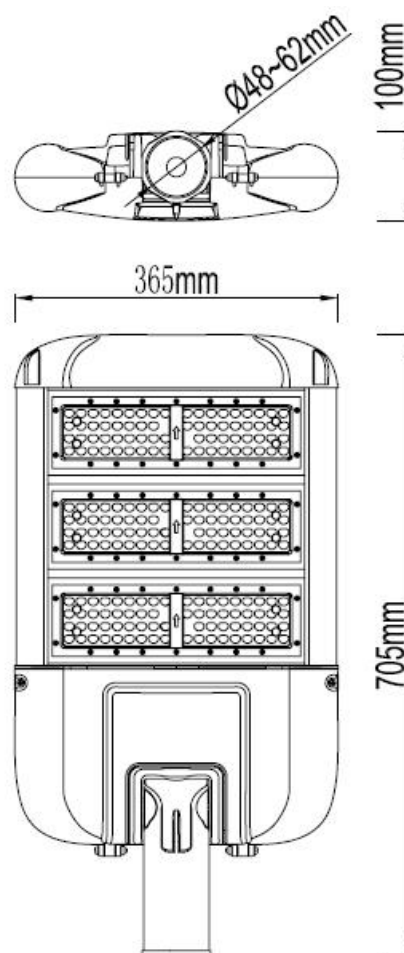
Product   Specifications

Product name	LED Street Light
Part No	SNC-ST-180WFX
Light Type	Street Light
Dimension	705*365*100mm

Technical   Characteristic

Color temperature	4000K	4500K	5000K	5700K
CRI	>80			
Lumen	22000LM			
Input Power	180W			
Viewing Angle	150*75 Degree（Type Ⅱ）			
Input Voltage	100-277VAC 50/60Hz			
Driver model	HLG-185H-48A(Mean Well Driver)			
PFC	>0.9			
Waterproof Rating	IP65			

Materials

LED Brand	PHILIPS
LED Type	3030,1.5W
LED QTY	210 PCS
Housing	Aluminum
Housing color	Silver/Bronze
LED Module number	3

Others

Operating Temperature	-20℃ TO 45℃
Operating Humidity	20%-90% RH
Storage Temperature	-30℃ TO 80℃
Storage Humidity	10%-95%
Application	Outdoor
Safety Certification	UL、cUL、DLC
Warranty Time	5 Years

Light Distribution Testing Parameters

DATA OF LAMP		PHOTOMETRIC DATA	Eff: 118.88 lm/W		
MODEL	SNC-ST-180WF01	Imax(cd)	11421	S/MH(C0/180)	2.16
NOMINAL POWER(W)	180	LOR(%)	100.0	S/MH(C90/270)	0.87
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	21065	η UP,DN(C0-180)	0.0,67.6
NOMINAL FLUX(lm)	21065.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,32.3
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	99.9	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180, 71.0,72.9
C90/270, 24.5,56.6

AVERAGE BEAM ANGLE(50%):112.5 DEG

Flux out:8155 lm

Height	Eavg,Emax		Diameter
3.281ft	319.1,538.9fc		5.64ft
1m	3435,58011x		171.90cm
6.562ft	79.79,134.7fc		11.28ft
2m	858.8,14501x		343.81cm
9.843ft	35.46,59.88fc		16.92ft
3m	381.7,644.61x		515.71cm
13.12ft	19.95,33.68fc		22.56ft
4m	214.7,362.61x		687.61cm
16.4ft	12.77,21.56fc		28.2ft
5m	137.4,232.01x		859.52cm

Height   Eavg,Emax   Angle:81.36deg   Diameter
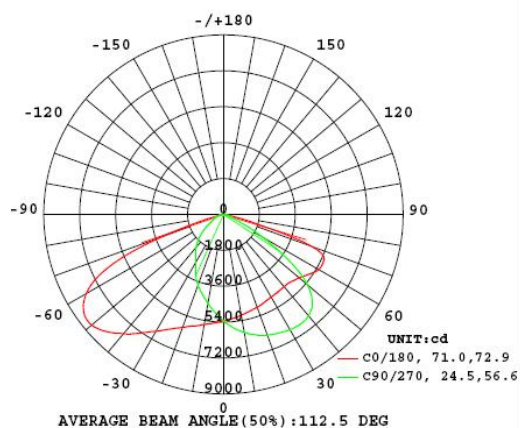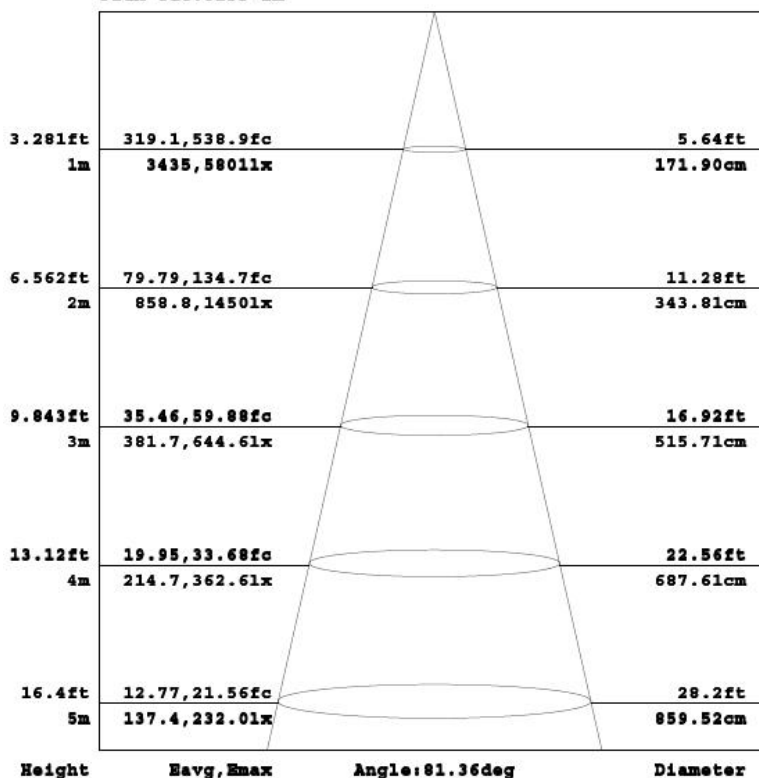
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Package

Lamps Net Weight: 9.3 Kg/pcs

	Size	Qty/Carton	Weight/Carton
Outer box	720*380*150mm	1	10.5kg

Notice For User

◆ Please turn off power before install or change assembly parts.
◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
◆ No-professionals, must not install and disassemble the lamps.

Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies
Out of working	Please check the connection