



**NAME: LED Street Light**

**P/N: ES-ST-180WFX**

Note: The Letter X in P/N stands for

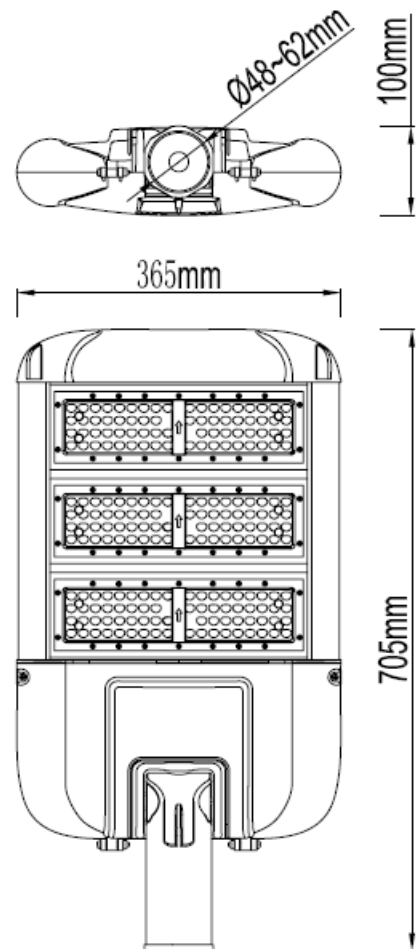
- 01: No other solutions or extra accessory parts for the lamp
- 03: Lamp + Photocell
- 04: Lamp + Surge Protector
- 07: Lamp + Photocell+Surge Protector

**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.



**Electrostar LED Lighting Solution**

Direct Line: 1-289-200-057, Fax: 1-888-802-9368

Email: [sales@electrostar.ca](mailto:sales@electrostar.ca)

Website: [www.electrostar.ca](http://www.electrostar.ca)

## Product Specifications

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

## Technical Characteristic

Color temperature	4000K	4500K	5000K	5700K
CRI	>80			
Lumen	19500-22000LM			
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
LED Module number	3

## Others

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

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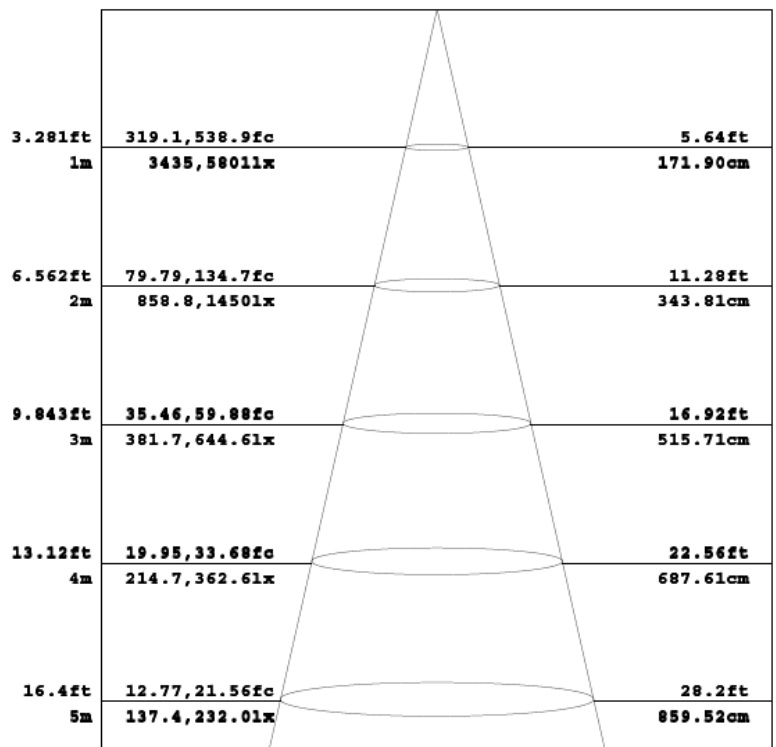
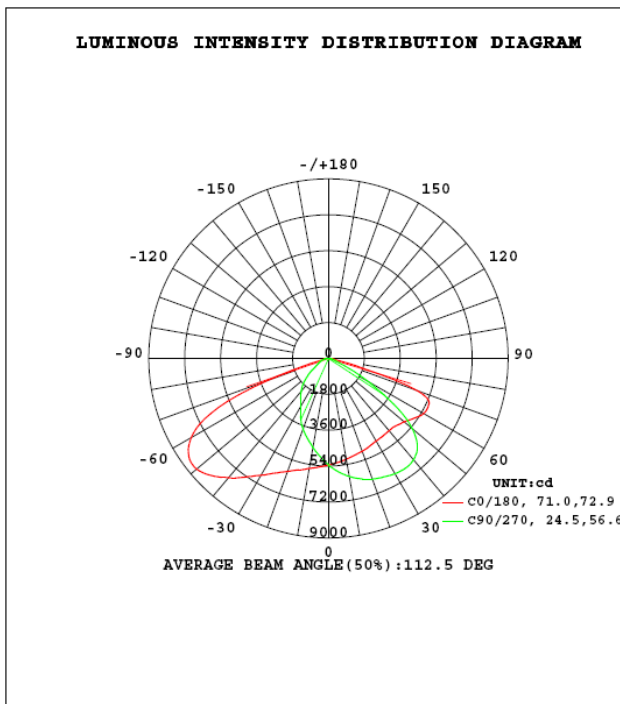
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## Light Distribution Testing Parameters

DATA OF LAMP		PHOTOMETRIC DATA			
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	$\eta$ UP, DN (C0-180)	0.0, 67.6
NOMINAL FLUX (lm)	21065.1	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.1, 32.3
LAMPS INSIDE	1	$\eta$ up (%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120.0	$\eta$ down (%)	99.9	CIBSE SHR MAX	1.55

Flux out: 8155 lm



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

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## 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

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