



### LED Flood Light

Model: PRD-SZ-FL300WCT3-5700K

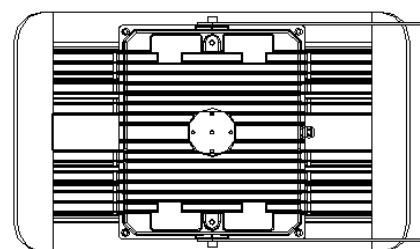
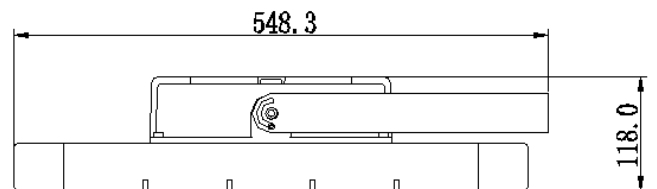
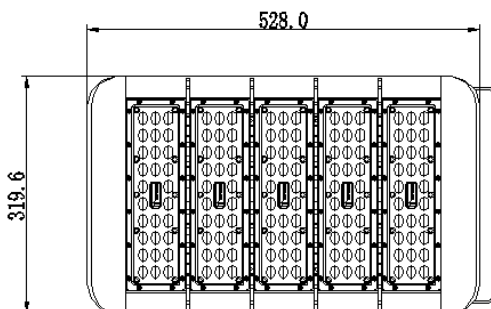
#### Advantage:

- UL&DLC certificate
- 3030 Chip, high CRI
- IP65 SOSEN 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:

Factory floor, libraries, square, park;  
 Supermarkets, railway stations;  
 Advertising lighting, etc.





# TECHNICAL DATA SHEET

## Product Specifications

Product Name	LED Flood Light
Model	PRD-SZ-FL300WCT3-5700K
Dimension	528*319*118mm 20.66x12.55x4.64 inches

## Technical Characteristic

Color temperature	5700K
CRI	>80
Lumen	37500-42000LM
Lumen Efficacy	125-140mLM/W
Input Power	300W
Viewing Angle	150*85 Degree (Type III)
Input Voltage	100-277V 50/60Hz
Driver model	SOSEN driver
PF	>0.9
Waterproof Rating	IP65

## Materials

LED Type	3030/1.5W
LED QTY	280PCS
Housing	Aluminum(ADC12) +PC
Housing color	Black
Operating Temperature	-40°C TO 45°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C

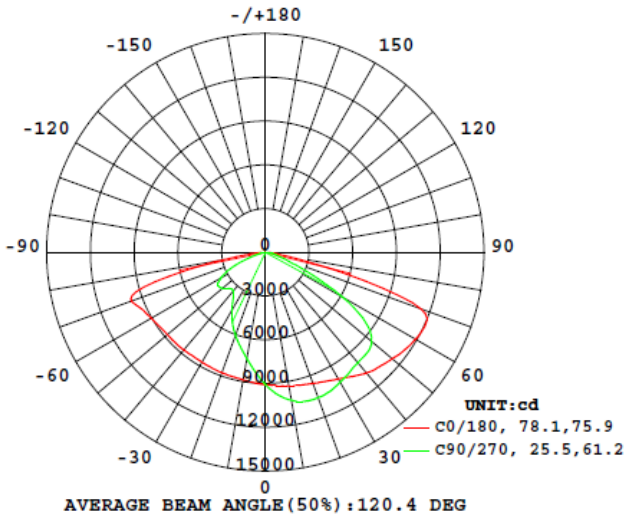
## Other

Storage Humidity	10%-95%
Application	Outdoor
Safety Certification	UL&DLC
Warranty Time	5 Years

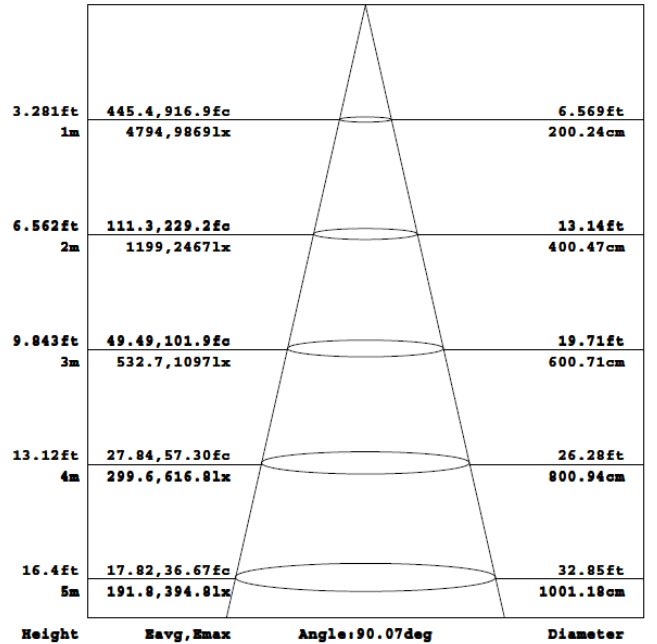
## Light Distribution Testing Parameters

DATA OF LAMP		PHOTOMETRIC DATA <span style="float: right;">Eff: 117.01 lm/W</span>			
MODEL		I <sub>max</sub> (cd)	15780	S/MH (C0/180)	1.47
NOMINAL POWER (W)	300	LOR (%)	100.0	S/MH (C90/270)	0.82
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	37201	η UP, DN (C0-180)	0.1, 67.2
NOMINAL FLUX (lm)	37200.7	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 32.6
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120.0	η down (%)	99.7	CIBSE SHR MAX	1.55

### LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out: 16151 lm



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

## Package

Model	Net Weight	Size	Qty/Carton	Weight/Carton
SZ-FL300WCT3-5700K	8.5 KG 18.73 lbs	585*390*175MM 23.03x15.35x6.88 inches	1	9.4KG 20.72 lbs





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