



LED Parking Lot Light

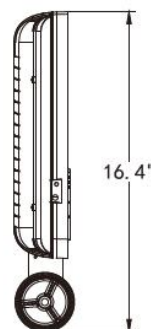
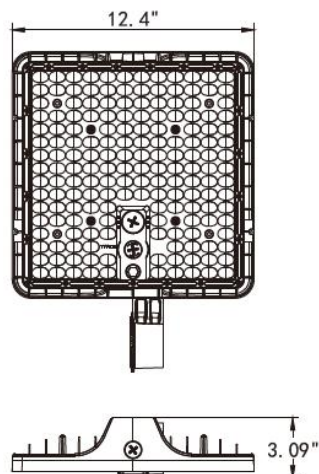
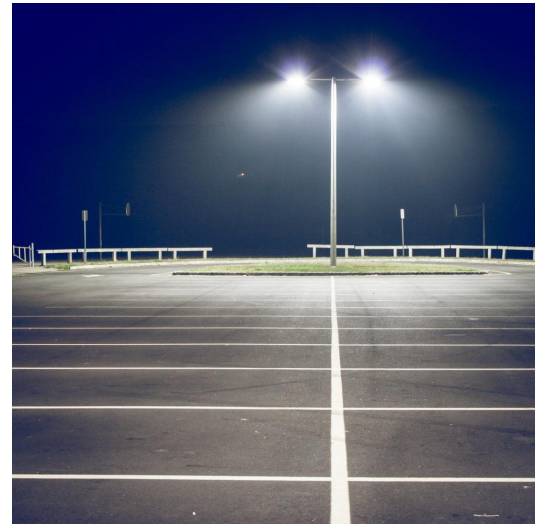
Model: SZ-PK300W-H1-ACP (Y)

Advantage:

- UL & DLC certificate
- 2835 Chip, high CRI
- Input voltage 120-277V / 120-347V / 277-480VAC
- 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:

Outdoor basketball court, tennis court.
Badminton court, the football field.
The school playground, stadium.
Community leisure entertainment plaza,
road lamp etc.



Product Specifications

Product Name	LED parking lot light
Model	SZ-PK300W-H1-ACP (Y)
Dimension	16.4*12.4*3.09"

Technical Characteristic

Color temperature	Adjustable CCT:4000K/5000K/6500K
CRI	>70
Lumen	45000LM
Lumen Efficacy	150LM/W
Input Power	Adjustable Power:200W/240W/300W
Viewing Angle	Type III, Optional:Type II, Type IV, Type V
Input Voltage	120-277V 50/60Hz, Optional:120-347V / 277-480V
Driver model	SOSEN Driver , (0-10Vdc Dimmer, Surge-protective 6KV)
Driver Surge protection	L/N-PE: 6kV, L-N: 6kV
Photocell	Yes
Motion sensor	With motion sensor base
PF	>0.9
Waterproof Rating	IP65

Materials

LED Type	2835
LED QTY	672PCS
Housing	Aluminum(ADC12) +PC
Housing color	Brown

Other

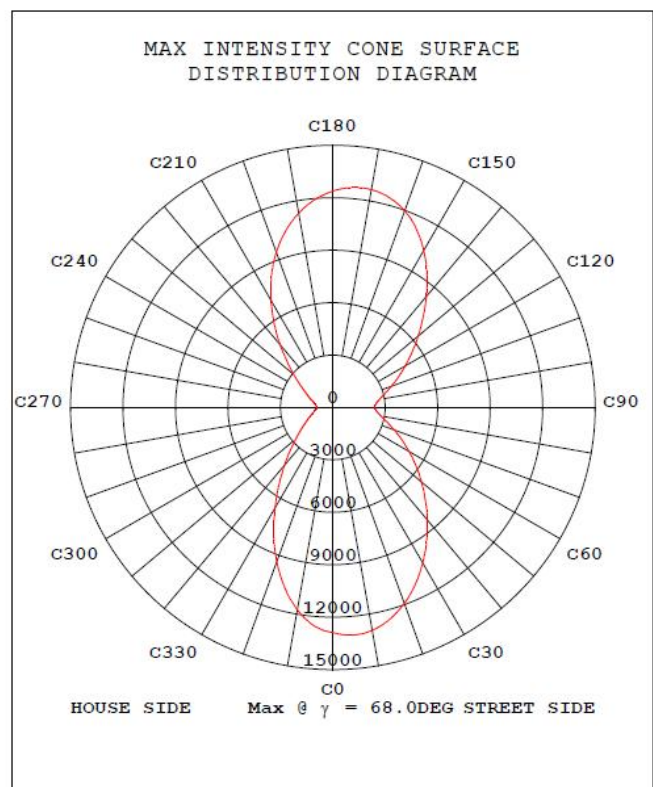
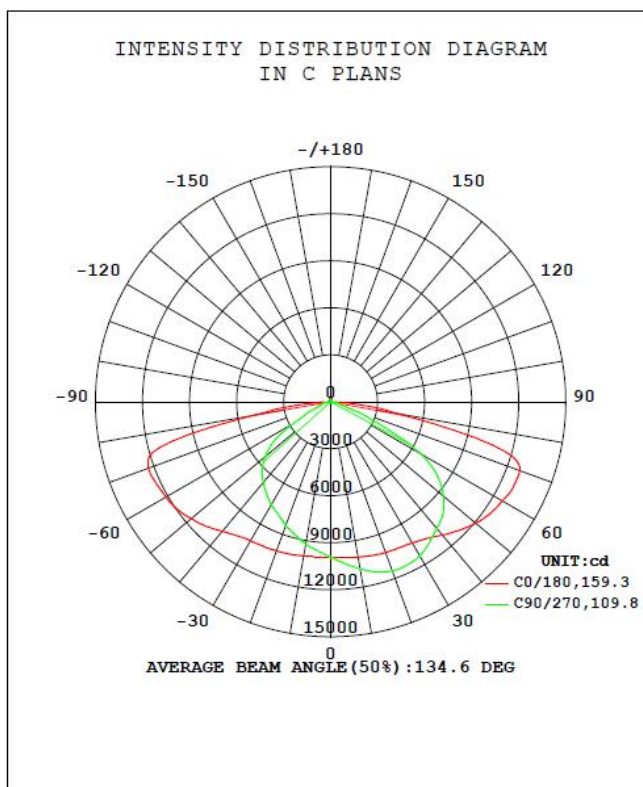
Operating Temperature	-40℃ TO 45℃
Storage Temperature	-40℃ TO 80℃
Storage Humidity	10%-95%
Application	Outdoor
Safety Certification	UL & DLC
Warranty Time	5 Years

Light Distribution Testing Parameters

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.82V I:2.3470A P:279.29W PF:0.9931 Freq:60.01Hz UTHDi:0.87% ITHDi:9.98% KDisp:-0.0000 Lamp Flux:44044.8x1 lm		
NAME: SZ-PK300W-H1-ACP (Y)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.305*0.31	SERIAL No.:
MFR.:	SUR.: 0.285*0.29	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 157.70 lm/W
MODEL	SZ-PK300W-H1-ACP (Y)	I _{max} (cd)	12860	η street_up(%)	1.0	
NOMINAL POWER(W)	300	LOR(%)	100.0	η street_down(%)	55.8	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	44045	η house_up(%)	1.1	
NOMINAL FLUX(lm)	44044.8	MAXIMUM @ (C, γ)	0, 68.0	η house_down(%)	42.2	
LAMPS INSIDE	1	η up(%)	2.0	76 FLASHAREA(m2)	0.05000	
TEST VOLTAGE(V)	120	η down(%)	98.0	SLI	25.621	



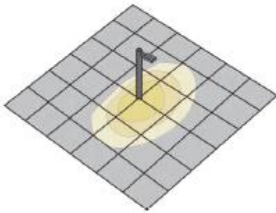
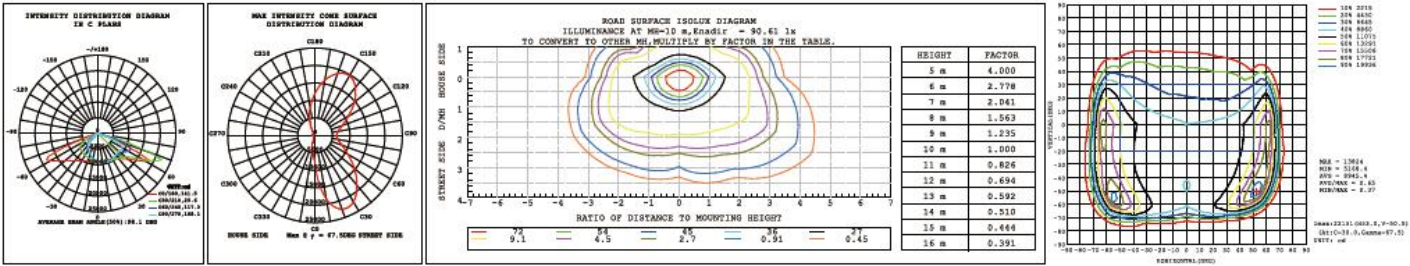
Package

Model	Net Weight	Carton Size	Qty / Carton	Gross Weight
SZ-PK300W-H1-ACP (Y)	4.1KG	16.85*12.72*4.29"	1 PC	4.8KG

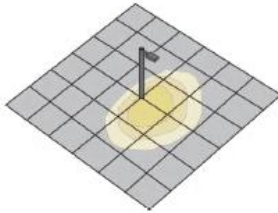
TECHNICAL DATA SHEET

Distribution

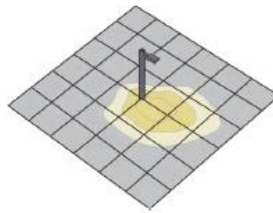
SZ-PK300W-H1-ACP (Y)



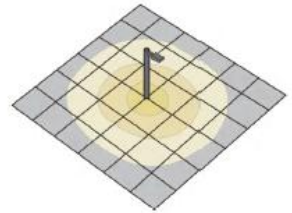
Type II optics produce a pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular pattern.



Type III optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern.



Type IV is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.



Type V optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type V luminaires are universal for most area lighting applications.