



## LED Parking Lot Light

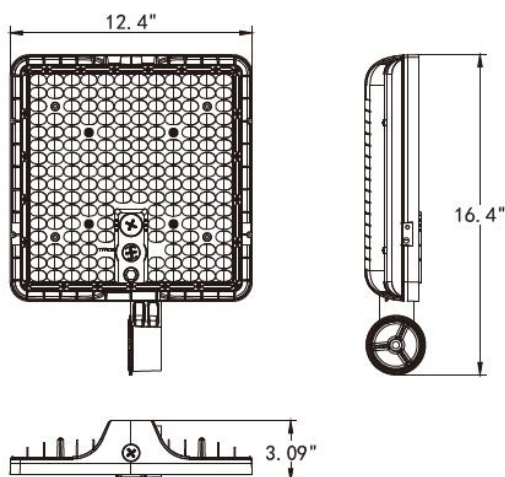
Model: SZ-PK300W-H1-ACP (Y)

### 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    | 416*315*78.5mm        |

## Technical Characteristic

|                   |   |
|-------------------|---|
| Color temperature | Adjustable CCT:3000K/4000K/5000K                      |
| 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) |
| 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

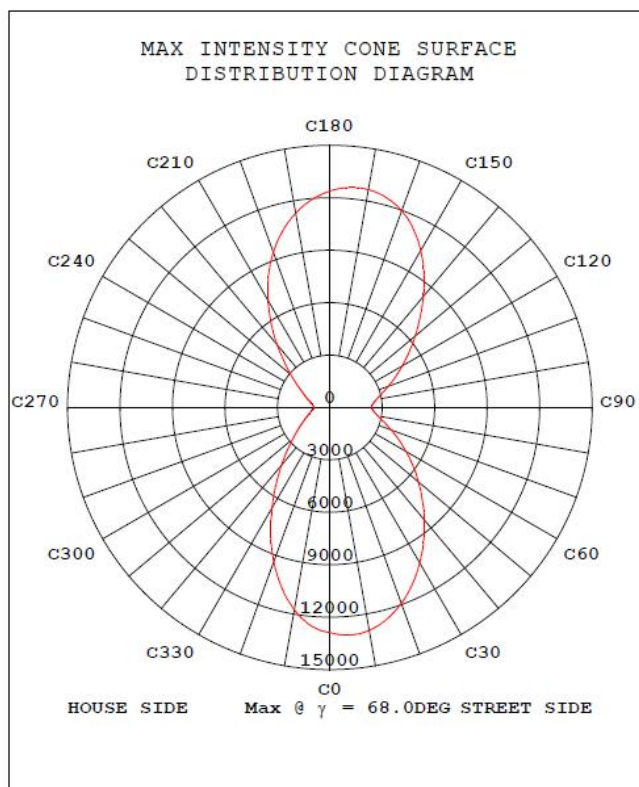
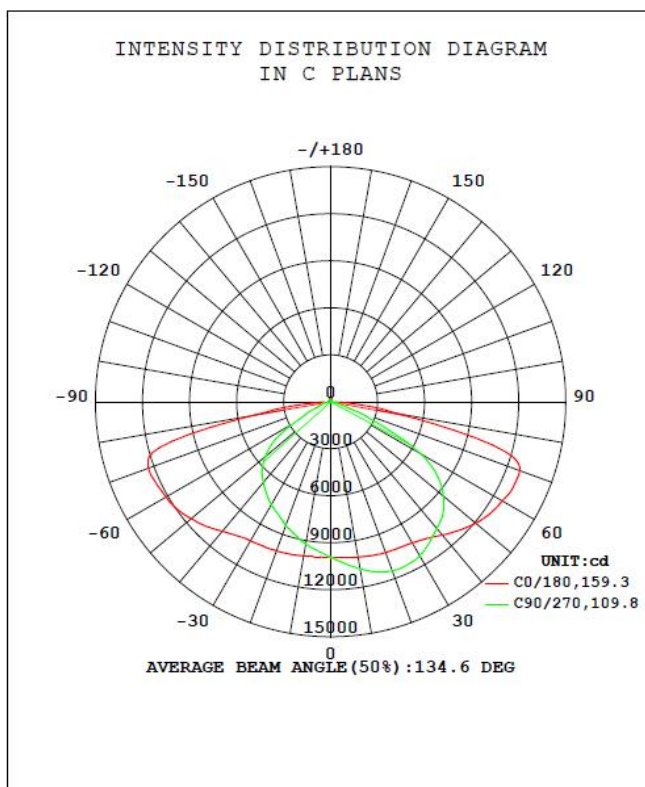
|                       |             |
|-----------------------|-------------|
| Operating Temperature | -40℃ TO 45℃ |
| Storage Temperature   | -40℃ TO 80℃ |
| Storage Humidity      | 10%-95%     |
| Application           | Outdoor     |
| Safety Certification  | UL & DLC    |
| Warranty Time         | 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<br>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 <sub>max</sub> (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  |                  |



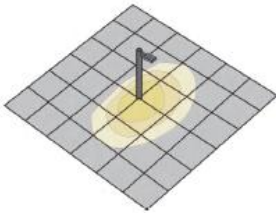
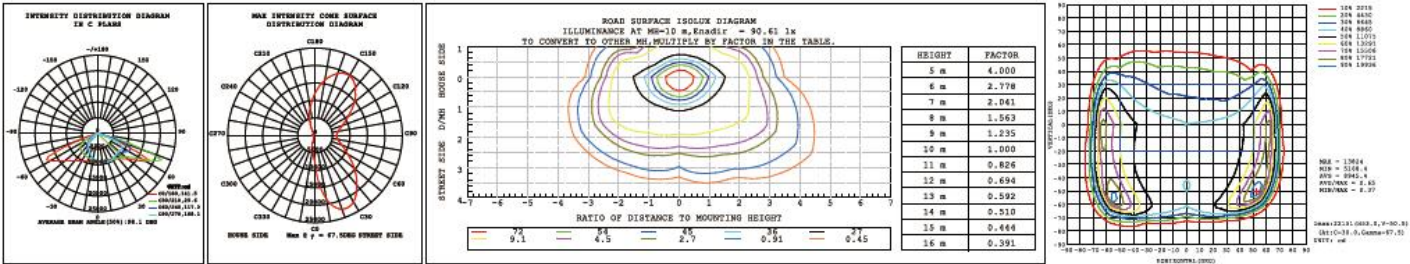
## Package

| Model                | Net Weight | Carton Size   | Qty / Carton | Gross Weight |
|----------------------|------------|---------------|--------------|--------------|
| SZ-PK300W-H1-ACP (Y) | 4.1KG      | 428*323*109mm | 1 PC         | 4.8KG        |

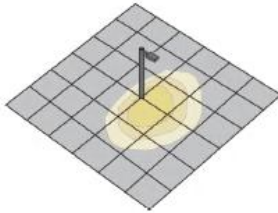
# TECHNICAL DATA SHEET

## Distribution

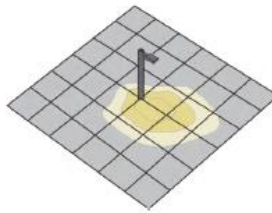
SZ-PK300W-H1-ACP (Y)



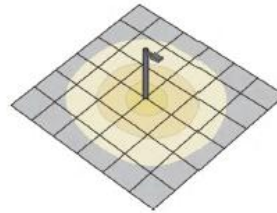
Type II optics produce a pattern that evenly shines light on both sides of the lamp. In a back-to-back configuration, it creates a rectangular pattern.



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.