ITEM#2031

LED KING LIGHTING DISTRIBUTION
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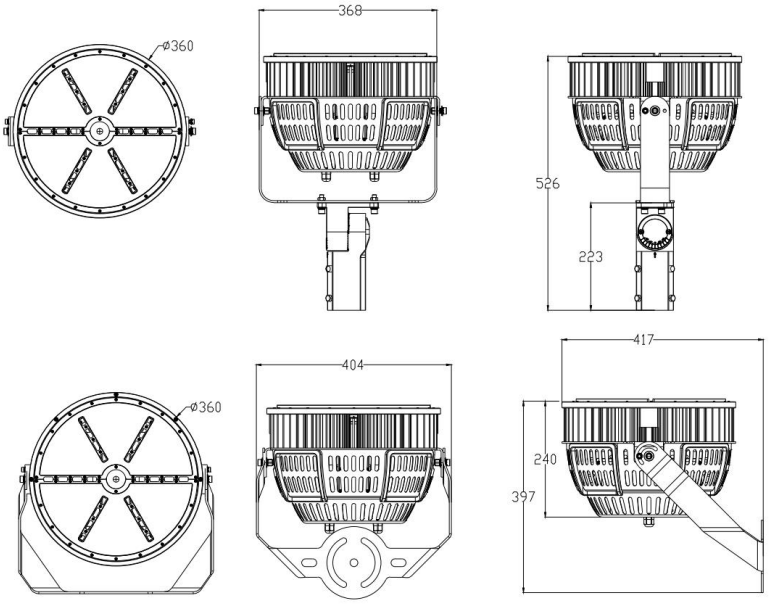
P/N: AST-SP01B-400WSCS3B1-acdef

Note:
SP01B = Product series, LED Sport Light
400W = Rating Power
S = LED Driver, S= SOSEN
C = LED manufacturer, C= Seoul 3030
S3 = Diffuser light angle type,S3=30 °
B1 = Version number
The letter "a" can be can be 2 letters represent lamp colors; “BH = Black、WH=White、BR=Brown or Customized”
The letter "c" can be "S" or blank to represent Surge protector or None Surge protector;
The letter ”d” can be “AM” or “FM”;
The letter “e” can be “B” for connecting box or blank for no connecting box;
The letter "f" can be any two-digit number to represent CCT. ”40=4000K、45=4500K、50=5000K、57=5700K”

Advantage:

- UL cUL DLC certificate
- Input voltage 100-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current lever can be adjusted through output cable with 1-10V



Application:

- Gymnasium;
- Square plaza;
- Shipyard, Airport ,wharf;
- High mast and Contour lighting, etc.

Product Specifications

Product name	LED Sport Light	
Part No	AST-SP01B-400WSCS3B1-acdef	
Mounting Brackets	FM	AM
Dimension	397*417*404 MM	526*368*360 MM

Technical Characteristic

Color temperature	4000K	4500K	5000K	5700K
CRI	>70			
Lumen	60000-72500LM			
Input Power	400W			
Lumen Efficacy	120-145 LM/W			
Beam Angle(50%)	30°			
Input Voltage	100-277Vac 50/60Hz			
Driver Brand	China Brand Driver SS-200VP-56BH*2PCS			
PF	>0.9			
Waterproof Rating	WET(IP65)			
EPA	1.49ft²			

Materials

LED Brand	SEOUL
LED Type	SMD 3030
LED QTY	420 PCS
Housing	Aluminum
Housing color	Black / Brown/white/Customized
Cover	LENS

Others

Operating Temperature	-40℃ TO 45℃
Operating Humidity	10% RH -90% RH
Storage Temperature	-40℃ TO 80℃
Storage Humidity	10% RH -90% RH
Application	Outdoor
Safety Certification	UL cUL DLC
Warranty Time	5 Years

Light Distribution Testing Parameters

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.5 V
Power: 407.35 W

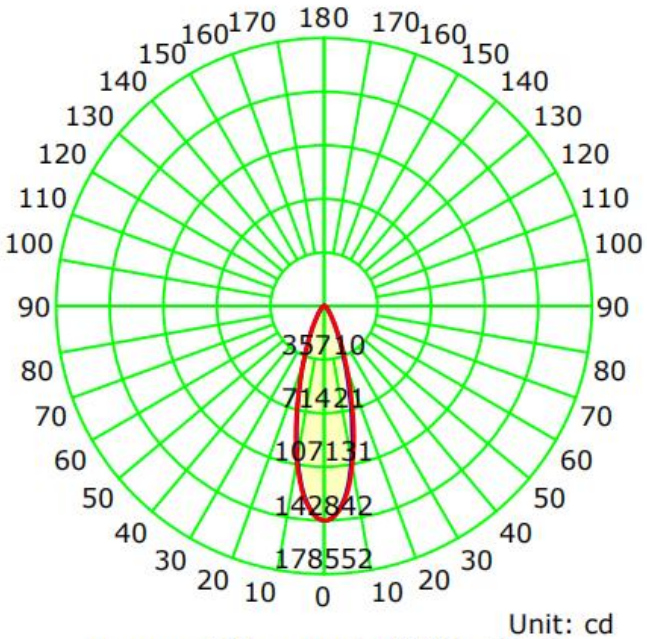
Current: 3.401 A
Power Factor: 0.998

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 55112.5 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 142842 cd
Pos of Max. Intensity: H0 V0

Longitudinal Classification: Very Short
Measurement Flux: 55112.5 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 135.35
Max. Intensity: 142842 cd

Luminous Intensity Distribution Curve

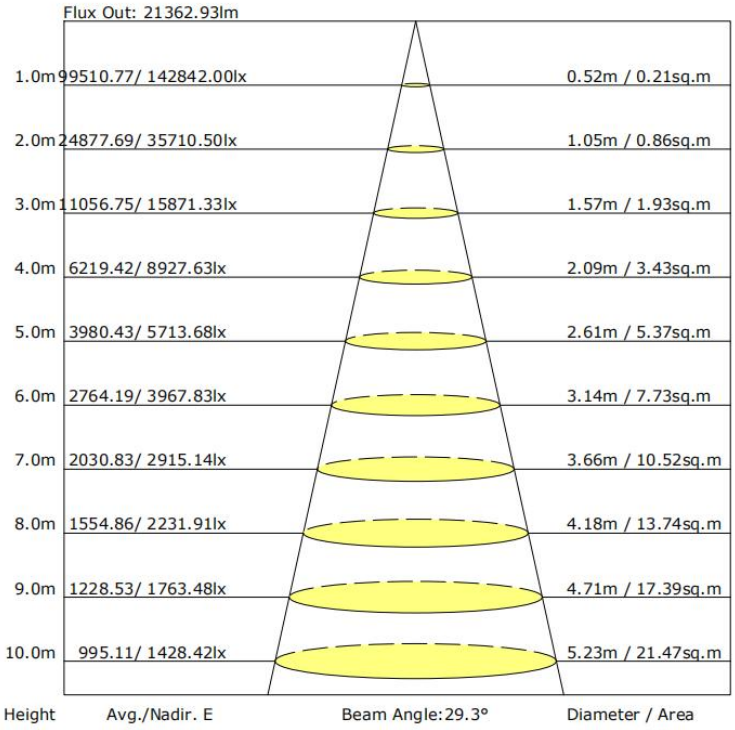


Unit: cd

Average Diffuse Angle(50%): 29.7°

C0-C180 C90-C270

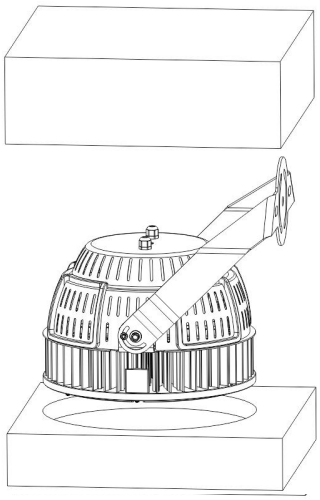
The Average Illuminance Effective Figure

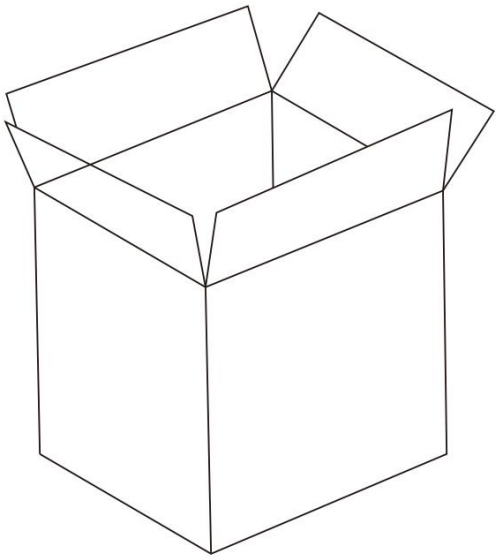


Package

Lamp Net Weight: 14.7 KG / PC

	Size	Qty / Carton	Gross Weight / Carton
Outer box	480*480*470 mm	1 PC	17.1 KG





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.