

ITEM#1032

LED KING LIGHTING DISTRIBUTION
 E-mail: sales@ledkingtx.com
 www.ledkingtx.com

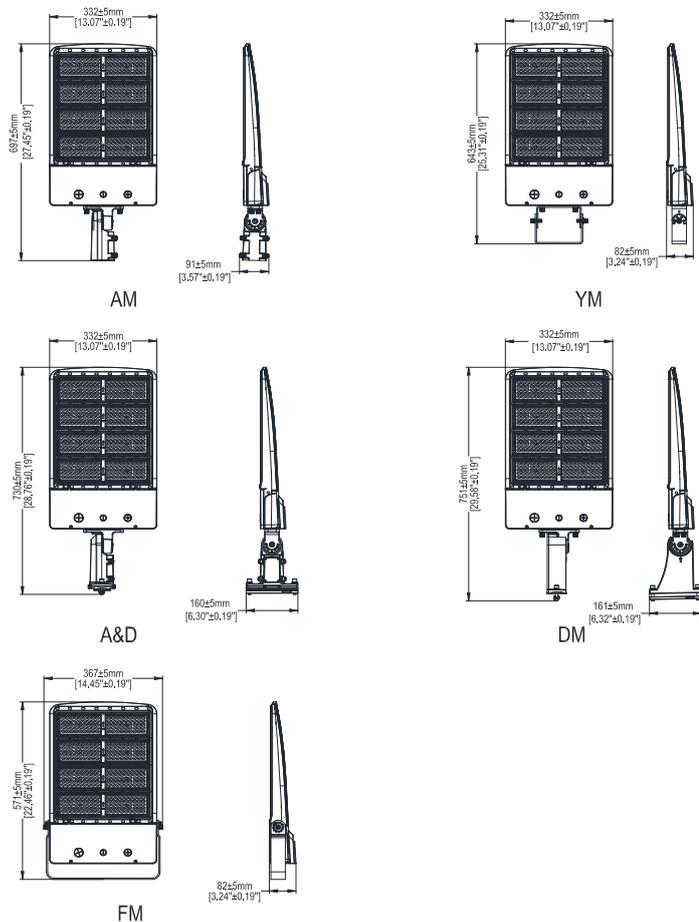
P/N: AST-S-G03F-300WBT3SA1-abcdefg

Note:

AST = Company name
 S-G03F = Product series, LED Shoebox Light
 300W = Rating Power
 B = LED manufacturer, LUMILEDS 2835;
 T3 = Diffuser light angle type, TYPE III
 S= Color Non-tunable ;
 A1 = Input Voltage, 120-277VAC;
 "a" can be any two letters for Lamp colors;
 "b" can be "3RP", "3NP", "5RP", "5NP", "7RP", "7NP" or blank for Photocontrol type provided or not;
 "c" can be "10SP", "20SP" or blank for Surge Protector type provided or not;
 "d" can be "DM", "DP" or blank for DC Motion Sensor, DC PIR Sensor provided or not;
 "e" can be "AM", "YM", "FM", "DM" or "A&D" for Bracket type;



DIMENSIONS



ADVANTAGE

- UL cUL DLC5.1 premium certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- 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 luminaire etc.

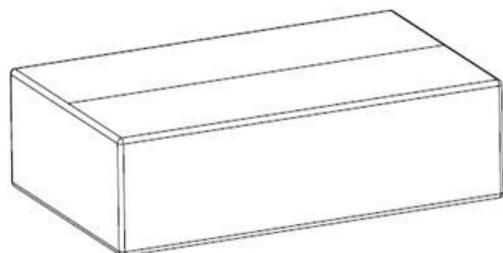
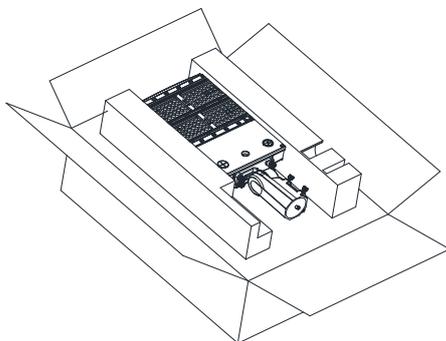
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	300W			
	Color Temperature	3000K	4000K	5000K	5700K
	Lumen (Tolerance : ±10%)	39000 LM	42000 LM	42000 LM	42000 LM
	Efficacy (Tolerance : ±3%)	130 LM/W	140 LM/W	140 LM/W	140 LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B4-U0-G5			
	Distribution Pattern	Type III			
	Beam Angle (50%) (Tolerance : ±10%)	150*90 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	<5%			
	Driver Brand	SOSEN			
	Driver Model	SS-320NH-E260BHBP			
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV			
	Dimming	0-10V dimming standard			
	Sensor Type	Occupancy Sensor, Exterior Photocell, Integral Sensor Receptacle, Photocell			
	Optional Accessory	Surge-protective Device, DC Motion Sensor, DC PIR Sensor			
MATERIALS	LED Brand	Lumileds			
	LED Type	SMD2835			
	LED QTY	176*2 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Bronze, Black, or Customized			
	EPA	1.2ft ²			
	Waterproof Rating	WET (IP65)			
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -35°C TO 50°C			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years			

PACKAGE

Stent Type	Lamps Net Weight	Size	Qty/ Carton	Weight/ Carton
AM	5.05kg [11.13 LBS]	775*382*143mm[30.51*15.04*5.63 inch]	1	6.2kg [13.67 LBS]
DM	5.17kg [11.40 LBS]	775*382*143mm[30.51*15.04*5.63 inch]	1	6.22kg [13.71 LBS]
YM	5.32kg [11.73 LBS]	700*382*143mm[27.56*15.04*5.63 inch]	1	6.33kg [13.96 LBS]
A&D	5.27kg [11.62 LBS]	775*382*143mm[30.51*15.04*5.63 inch]	1	6.37kg [14.04 LBS]
FM	5.02kg [11.07 LBS]	720*382*143mm[28.35*15.04*5.63 inch]	1	6.15kg [13.56 LBS]

Tolerance of Carton Size: ±15 MM[±0.59inch], Tolerance of Weight: ±10%.



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 2.493 A
 Power Factor: 0.994

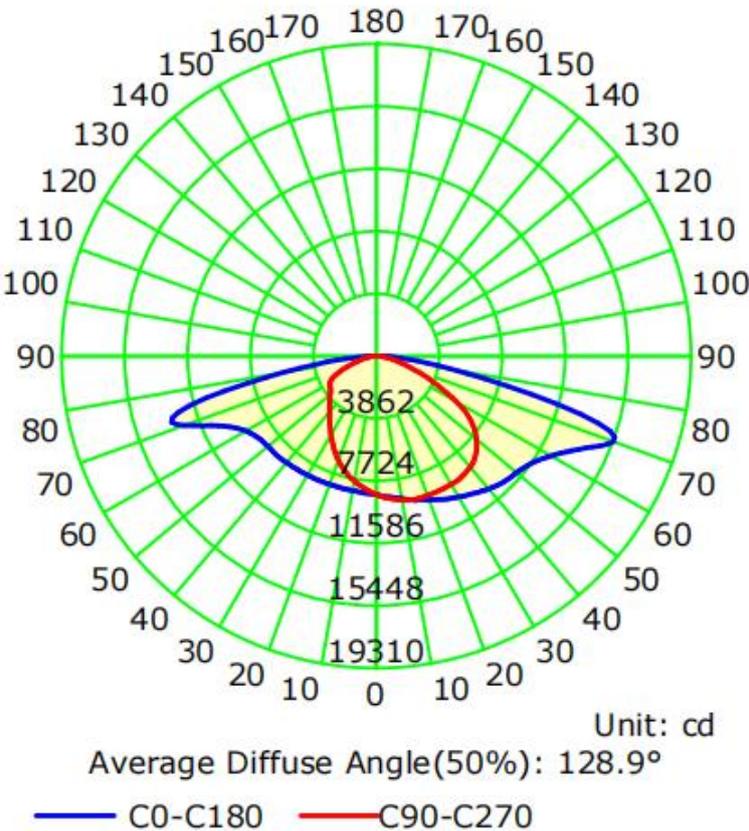
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 297.33 W

Photometric Results

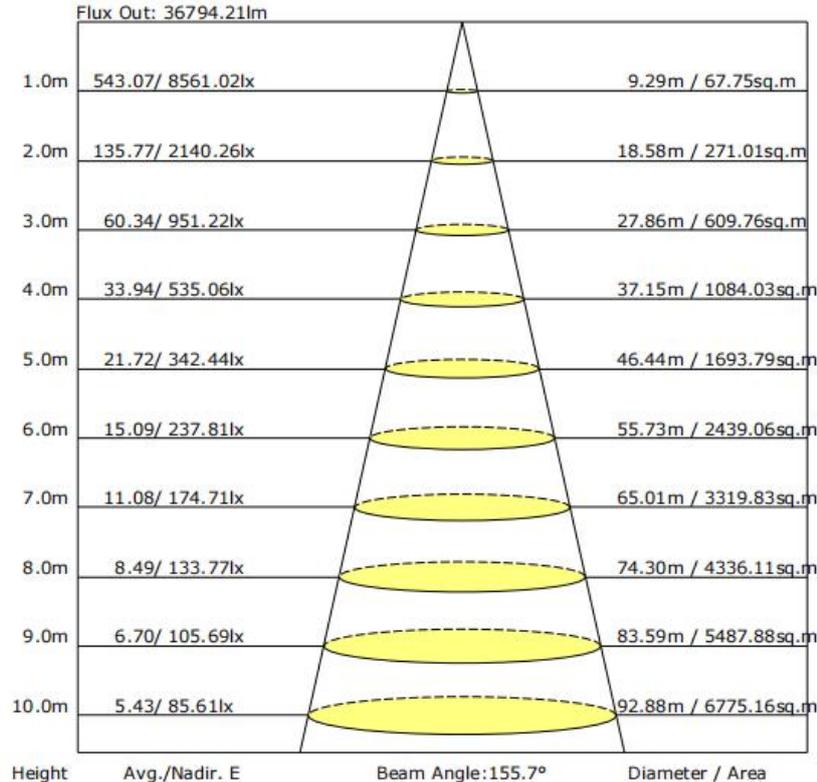
IES Classification: Type III
 Total Rated Lamp Lumens: 39101.3 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 8561.02 cd
 Pos of Max. Intensity: H0 V70
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.7, 102.1, 130.5, 141.8

Longitudinal Classification: Medium
 Measurement Flux: 39101.3 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 131.56
 Max. Intensity: 15448.62 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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.