



NAME: LED SPORT LIGHT

P/N: AST-SP04-500S1PS2A1-**acdeWg**

"X" in P/N stands for LED manufactory, B means LUMILEDS 3030, P means Bridgelux 3030;

"Y" can be "S1" to "S9", "S1=20°, S2=30°, S3=40°, S4=60°, S5=80°, S6=120°"

"a" can be can be 2 letters represent lamp colors; "BH = Black、WH=White、BR=Bronze or Customized"

"b" can be "C" for Frontcover provided or blank for no Frontcover provided;

"c" can be "3RP", "3NP", "3NT", "5RP", "5NP", "5NT", "7RP", "7NP", "7NT" or blank for photosensor and short cap or not;

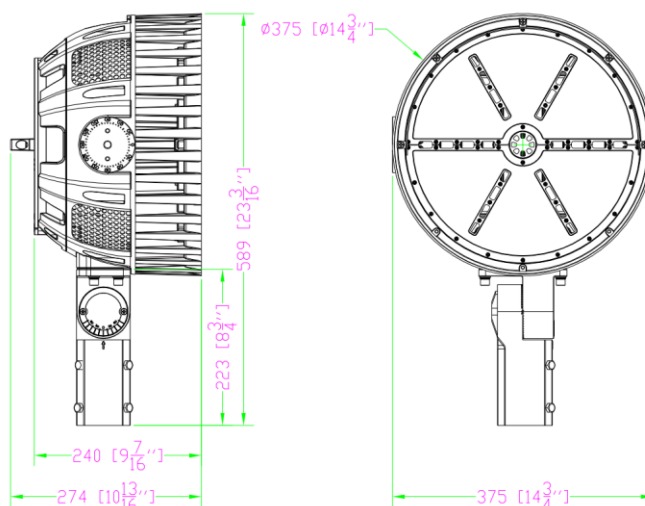
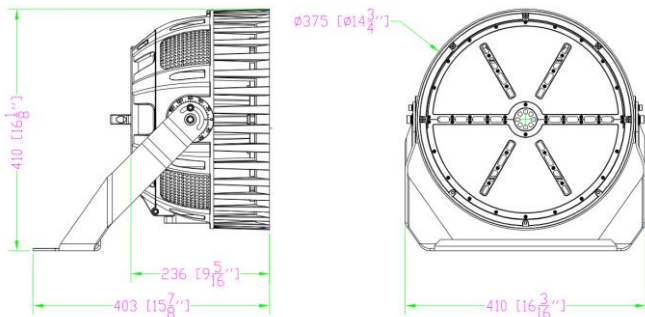
"d" can be "10SP", "20SP" or blank for Surge protector type provided or not;

"e" can be Installation parts, AM=Pipe arm installation, FM=Flood and Spot installation;

"W" for Wattage Adjustable;

"g" can be any digits to represent CCT, 40=4000K, 45=4500K, 50=5000K, 57=5700k;

DIMENSIONS



ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate
- Wattage adjustable
- Input voltage 120-277Vac
- 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 0-10V.

APPLICATION

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

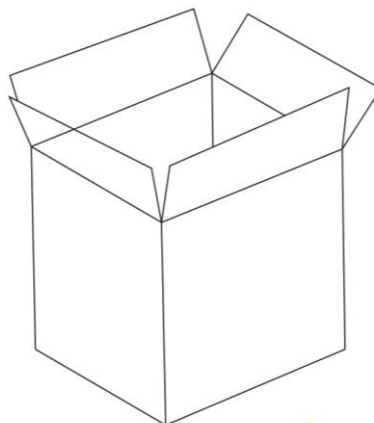
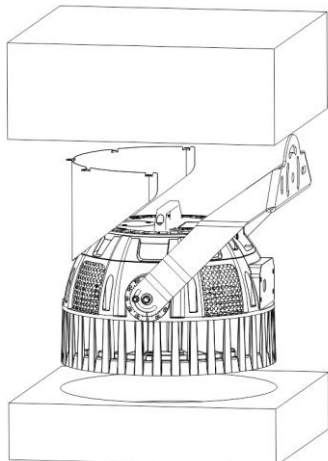
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	500W (Wattage adjustable:300W-400W-500W)			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	66000 LM	66500 LM	66500 LM	66500LM
	Efficacy (Tolerance : -3%)	132 LM/W	133 LM/W	133 LM/W	133 LM/W
	CRI	>70			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B5-U0-G3			
	Distribution Pattern	NEMA:4			
	Beam Angle (50%) (Tolerance : ±15%)	30°			
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-240VP-56BH			
	Driver Surge protection	L/N-PE: 10kV, L-N:6kV			
	Dimming	0-10V dimming standard			
	Optional Accessory	Sensor Receptacle+Photosensor /Sensor Receptacle+Short Cap /Surge-protective Device			
MATERIALS	LED Brand	Bridgelux			
	LED Type	SMD3030			
	LED QTY	504 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Black,White,Bronze or Customized			
	EPA	1.6 ft ²			
	Waterproof Rating	WET (IP65)			
OTHERS	Operating Temperature	-40°C TO 45°C			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C			

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
FM	505*490*485 MM	1 PC	14.82 KG	17.1 KG
AM	700*490*480 MM	1 PC	15.12 KG	17.7 KG

Tolerance of Carton Size: ±15 MM, 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: 4.159 A
 Power Factor: 0.999

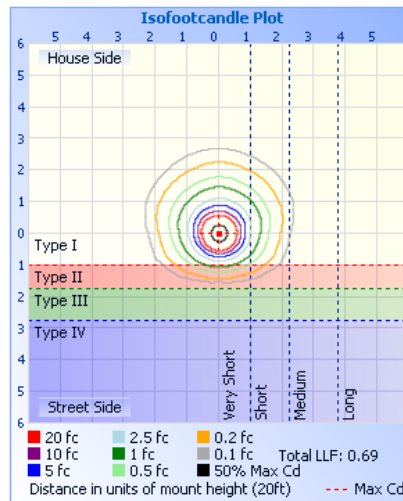
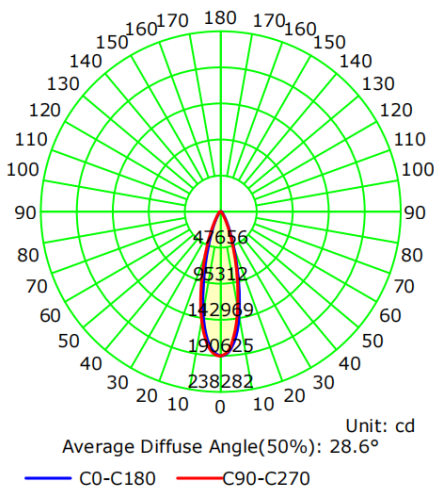
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 498.63 W

Photometric Results

IES Classification: Type I
 Total Rated Lamp Lumens: 66083.1 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 190488.69 cd
 Pos of Max. Intensity: H270 V1

Longitudinal Classification: Very Short
 Measurement Flux: 66083.1 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 132.58
 Max. Intensity: 190625.91 cd

Luminous Intensity Distribution Curve



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.