

Product Specification

LED Street Light

AST-SL04



Product Image



30W



60W



90W



120W

Different Types of Mounting Mean:



RAM



AM



DM



YM



A&DM

Notes:

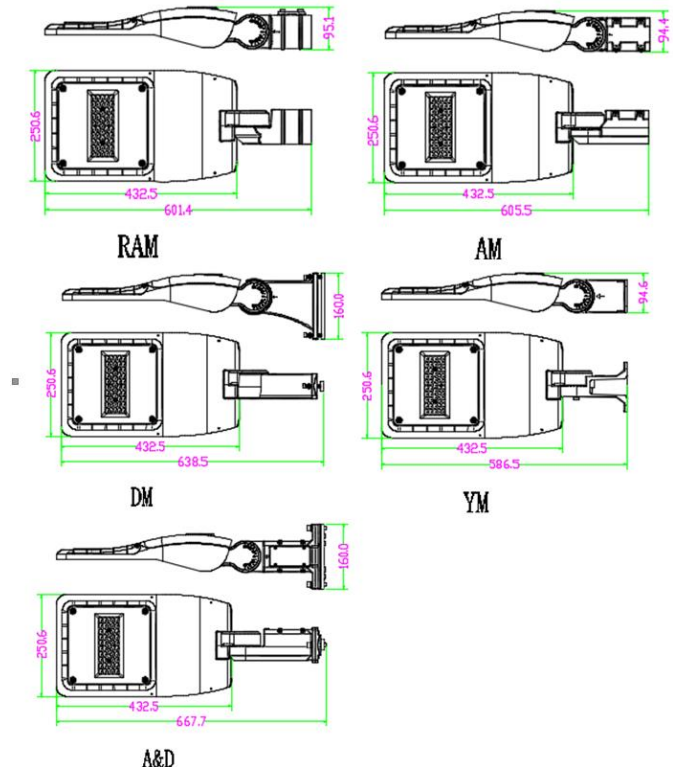
1. This specification is for our regular product specifications.
2. The right of final interpretation of this specification is reserved by International Building Supply Corporation.

1. Description

- ◆ LED Street Lights
- ◆ Application: Roadway lighting, Gymnasium, Parks, Parking Lot, All kind of residential area, courtyard

2. Characteristics

- ◆ UL cUL certificate.
- ◆ Lumileds or Seoul Chip, High CRI
- ◆ China Brand driver, Input voltage AC120-277V.
- ◆ Output constant current lever can be adjusted through output cable with 1-10V.
- ◆ No UV or IR in the beam.
- ◆ Automatic power outage upon opening cover to protect human safety, and easy for driver replacement.
- ◆ Energy saving, Long lifespan.
- ◆ Light is soft and uniform, Safe to eyes.
- ◆ Instant start, NO flickering, NO humming.
- ◆ Green and eco-friendly without mercury.



Dimensions

3. Application



4. Technical Parameters

Code	AST-SL04-30WXYSA1-abcdef	AST-SL04-60WXYSA1-abcdef	AST-SL04-90WXYSA1-abcdef	AST-SL04-120WXYSA1-abcdef
Power(W)	30W	60W	90W	120W
PF	> 0.9			
Input Voltage(V)	AC 100-277V, 50/60Hz			
Efficacy(lm/W)	130-145lm/W			
Lumen Output	3900-4350lm	7800-8700lm	11700-13050lm	15000-16800lm
CCT(K)	2700K/3000K/3500K/4000K/4500K/5000K/5700K/6500K			
Waterproof Rating	IP65			
CRI	>70			
Beam Angle	150 x 70° (TYPE II)			
Material	Aluminum			
Operating/storage Temperature	Operation: -40°C - 50°C/Storage: -40°C - 80°C			
Operating/Storage Humidity	Operation: 10%- 90% RH/ Storage: 10%- 95% RH			
Certification	UL/cUL/DLC			
Environment	Outdoor			
Warranty	5 years			

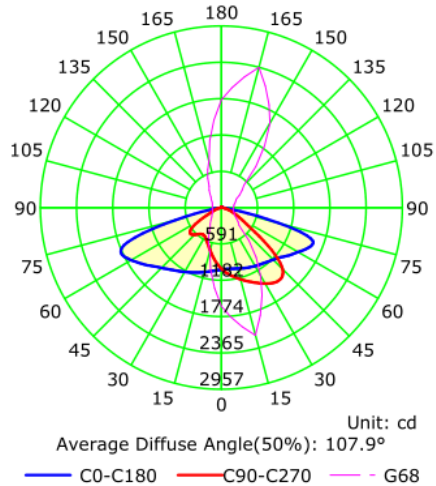
Notes:

- "X" can be any alphabet for LED manufactory, B means Lumileds 3030, C means Seoul 3030.
- "Y" can be "T1" to "T9" for different Diffuser light angle type employed.
- "a" can be any two letters to represent lamp colors: WH=White, BR=Brown, BH=Black, or Customized.
- "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 "PS" = PIR sensor, "MS" = Motion sensor, blank = not provided.
- "e" can be "RAM", "AM", "DM", "YM", "A&D".
- "f" can be any two digits to represent CCT, can be 30=3000K, 35=3500K, 40=4000K, 45=4500K, 50=5000K, 57=5700K, 65=6500K.

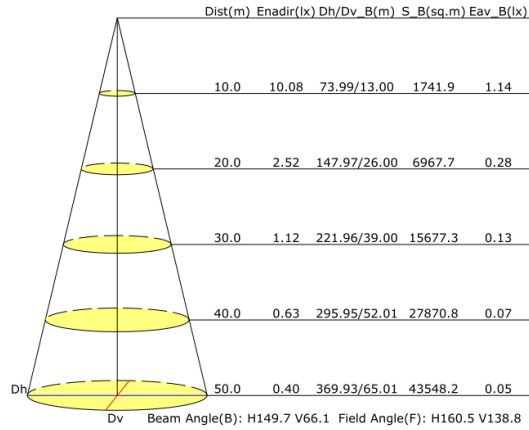
5. Photometric Data

30W

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)



Luminaire Property

Luminaire Manufacturer:

Voltage: 121.5 V

Power: 32.22 W

Current: 0.271 A

Power Factor: 0.979

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 4461.3 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 1007.99 cd

Pos of Max. Intensity: H165 V68

Longitudinal Classification: Medium

Measurement Flux: 4461.3 lm

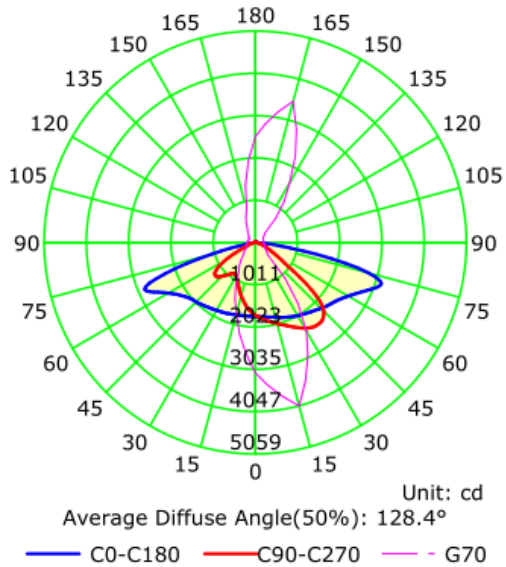
Downward Ratio: 99%

Luminaire Efficacy Rating (LER): 138.46

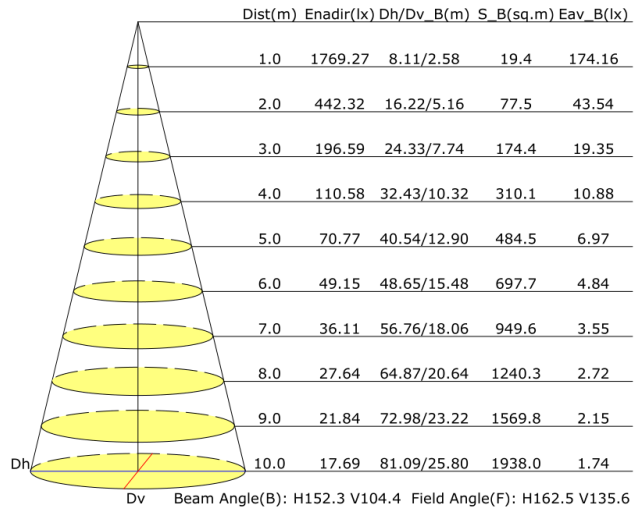
Max. Intensity: 2365.96 cd

Product Specification

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)



Luminaire Property

Luminaire Manufacturer:
 Voltage: 121.7 V
 Power: 55.25 W

Current: 0.461 A
 Power Factor: 0.983

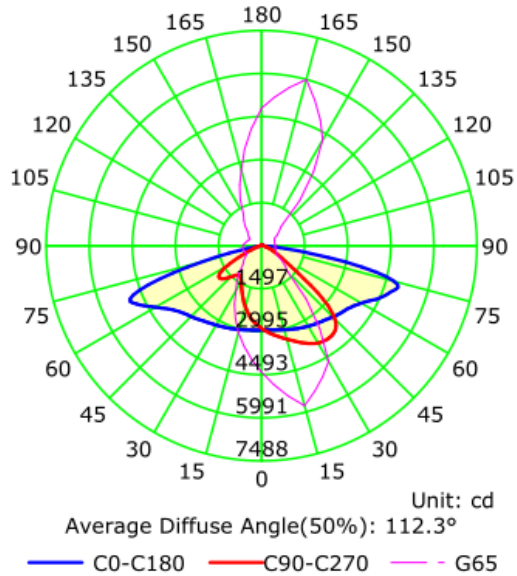
Photometric Results

IES Classification: Type II
 Total Rated Lamp Lumens: 7588.5 lm
 Efficiency: 100%
 Upward Ratio: 1%
 Central Intensity: 1769.27 cd
 Pos of Max. Intensity: H15 V70

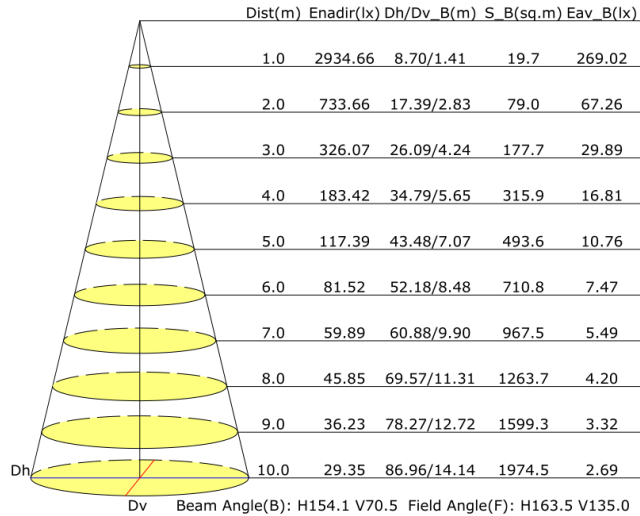
Longitudinal Classification: Medium
 Measurement Flux: 7588.5 lm
 Downward Ratio: 99%
 Luminaire Efficacy Rating (LER): 137.40
 Max. Intensity: 4047.82 cd

Product Specification

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)



Luminaire Property

Luminaire Manufacturer:

Voltage: 121.1 V

Power: 90.79 W

Current: 0.751 A

Power Factor: 0.997

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 12100.9 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 2934.66 cd

Pos of Max. Intensity: H165 V65

Longitudinal Classification: Short

Measurement Flux: 12100.9 lm

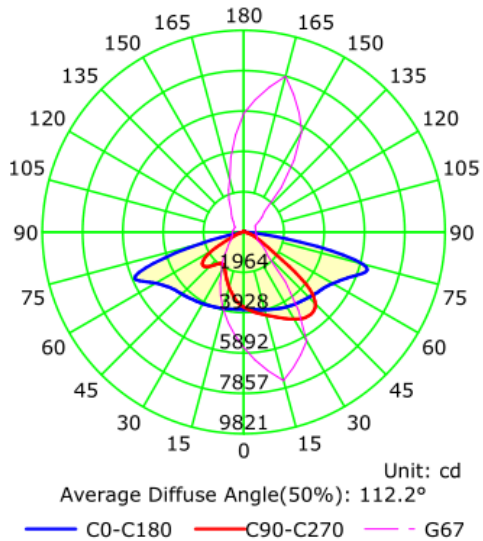
Downward Ratio: 99%

Luminaire Efficacy Rating (LER): 133.33

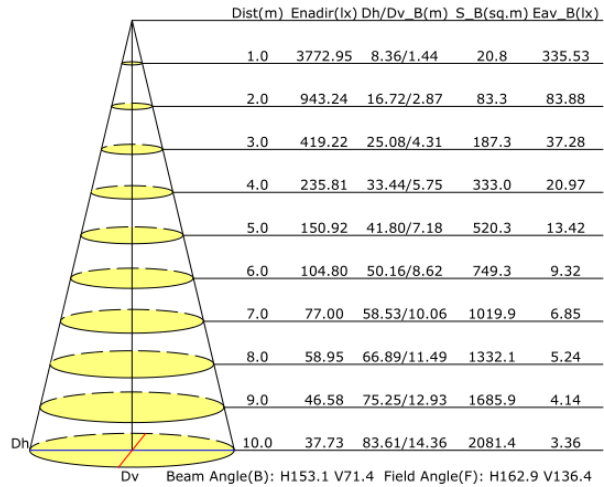
Max. Intensity: 5991.01 cd

Product Specification

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)



Luminaire Property

Luminaire Manufacturer:
 Voltage: 121.0 V
 Power: 121.80 W

Current: 1.011 A
 Power Factor: 0.996

Photometric Results

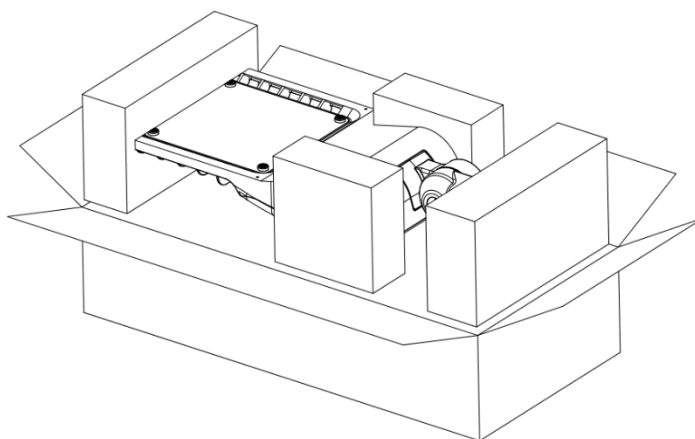
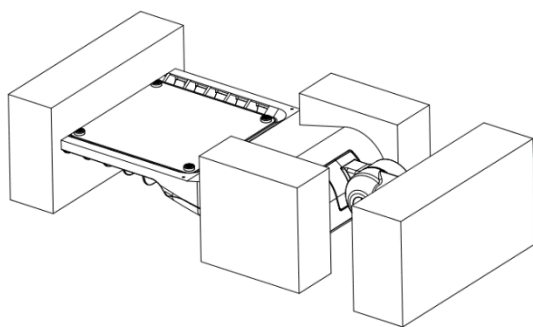
IES Classification: Type II
 Total Rated Lamp Lumens: 15810.8 lm
 Efficiency: 100%
 Upward Ratio: 1%
 Central Intensity: 3772.95 cd
 Pos of Max. Intensity: H165 V67

Longitudinal Classification: Medium
 Measurement Flux: 15810.8 lm
 Downward Ratio: 99%
 Luminaire Efficacy Rating (LER): 129.86
 Max. Intensity: 7857.03 cd

Product Specification

6. Package

Bracket Type		AST-SL04-30WvXYSA1-abcdef	AST-SL04-60WXYSA1-abcdef	AST-SL04-90WXYSA1-abcdef	AST-SL04-120WXYSA1-abcdef
Size (mm)		665*320*165			
RAM	Net Weight(kg)	4.36	4.58	4.88	5.16
	Total Weight(kg)	5.18	5.42	5.70	5.98
AM	Net Weight(kg)	4.62	4.84	5.14	5.42
	Total Weight(kg)	5.44	5.66	5.96	6.24
DM	Net Weight(kg)	4.92	5.14	5.44	5.72
	Total Weight(kg)	5.74	5.96	6.26	6.54
YM	Net Weight(kg)	4.42	4.64	4.94	5.22
	Total Weight(kg)	5.24	5.46	5.76	6.04
A&D	Net Weight(kg)	5.32	5.54	5.84	6.12
	Total Weight(kg)	6.14	6.36	6.66	6.94



7. Notice for Users

- ◆ 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.
- ◆ Non-professionals must not install and disassemble the lamps.

8. 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.