Advance LED Lights

NAME： LED ShoeBox Light

P/N： ALS-S-GB-150WXYZA1-abcdefg

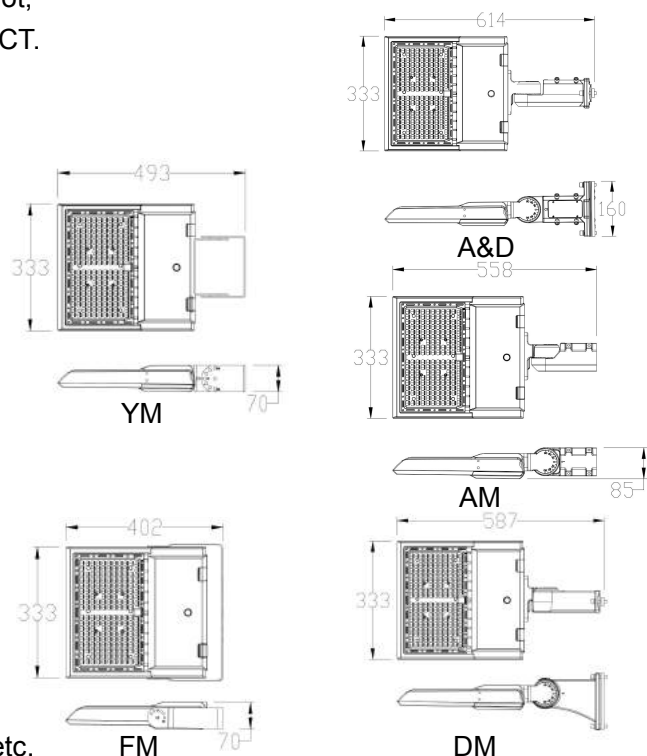Note：

The letter "X" can be any alphabet to represent manufacturer of LED, A means LUMILEDS ,C means Seoul ;

The letter "Y" can be"50" or "30" to represent LED size.

The letter"Z" can be "T1" to "T9" and suffix blank or "A" to "Z" to represent different Diffuser light angle type employed, eg. it can be T4 or T4L or T4M;

The letter "a" can be can be 2 letters represent lamp colors;

The letter "b" can be "3RP", "3NP", "5RP", "5NP", "7RP" or "7NP" for Photocontrol type provided or blank for no Photocontrol provided;

The letter "c" can be "10SP" or "20SP" for Surge-Protective Device type provided or blank for no Surge-Protective Device provided;

The letter"d" can be "PS" or "MS" for Motion Sensor type provided or blank for no Motion Sensor provided;

The letter"e" can be "AM", "DM", "YM", "A&D" or "FM" to represent mounting bracket types;

The letter "f" can be "S" or blank for Socket provided or not;

The letter "g"can be any two-digit number to represent CCT.

Advantage：

➢ Lumileds or Seoul Chip, high CRI

➢ IP65 driver, Input voltage 100-277Vac

➢ Optional Photocell and surge protection function

➢ 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 ShoeBox Light				
Part No	ALS-S-GB-150WXYZA1-abcdefg				
Mounting Brackets	AM	DM	YM	A&D	FM
Dimension	559*333*85MM	574*333*160MM	493*333*70MM	614*333*160MM	402*333*70MM

Technical　Characteristic

Color temperature	2700-6500K
CRI	>70
Lumen	20250-22500LM
Lumen Efficacy	135-150 LM/W
Input Power	150W
Standard Viewing Angle	140*50 Degree（Type Ⅲ）
Input Voltage	100-277Vac　50/60Hz
Driver model	China Brand Driver　SS-150VA-56B
PF	>0.9
Waterproof Rating	IP65

Materials

ED Brand	LUMILEDS or Seoul
LED Type	3030
LED QTY	189PCS
Housing	Aluminum
Optional Accessory	Photocell　Surge protector　Motion sensor　Socke
Housing color	Black、Brown

Others

Operating Temperature	-40℃　TO　50℃
Operating Humidity	20％-90％　RH
Storage Temperature	-40℃　TO　80℃
Storage Humidity	10％-95％
Application	Outdoor / Indoor
Safety Certification	UL、cUL
Warranty Time	5 Years

Luminaire Property

Luminaire Manufacturer:
Voltage: 120.0 V
Power: 148.80 W

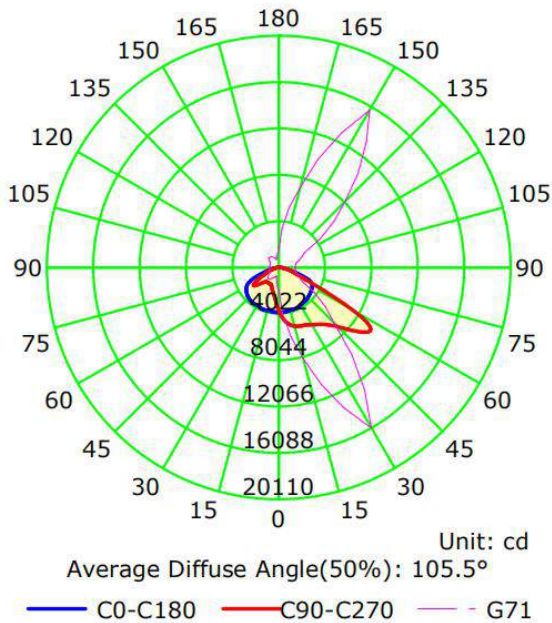Current: 1.245 A
Power Factor: 0.996

Photometric Results

IES Classification: Type III
Total Rated Lamp Lumens: 20970.6 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 3899.19 cd
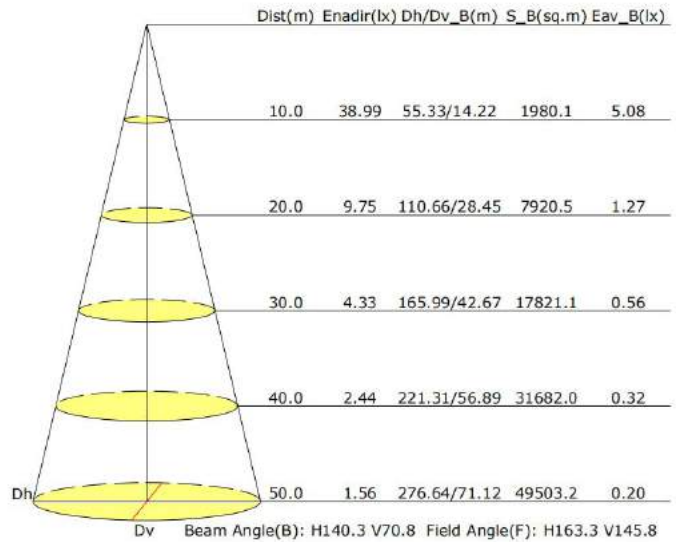Pos of Max. Intensity: H30 V71

Longitudinal Classification: Medium
Measurement Flux: 20970.6 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 140.98
Max. Intensity: 16088.06 cd

Light Distribution Testing Parameters

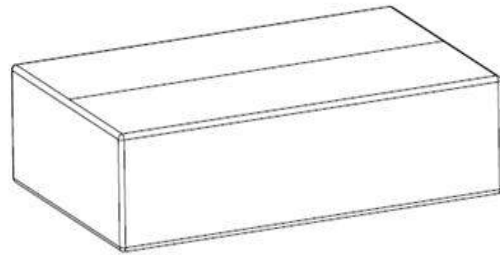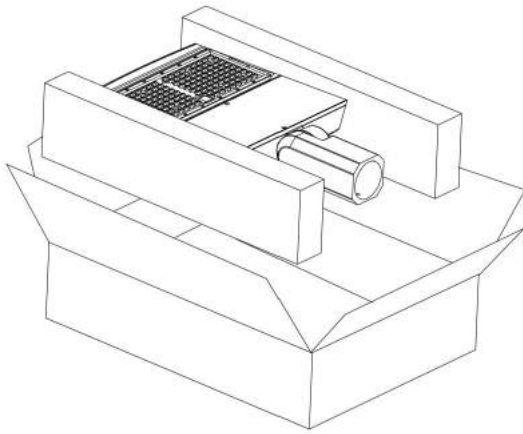### Luminous Intensity Distribution Curve

Average Diffuse Angle(50%): 105.5°

Unit: cd

—— C0-C180 —— C90-C270 — - G71

Illuminance at a Distance(Beam Angle)

Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
10.0	38.99	55.33/14.22	1980.1	5.08
20.0	9.75	110.66/28.45	7920.5	1.27
30.0	4.33	165.99/42.67	17821.1	0.56
40.0	2.44	221.31/56.89	31682.0	0.32
50.0	1.56	276.64/71.12	49503.2	0.20

Beam Angle(B): H140.3 V70.8 Field Angle(F): H163.3 V145.8

Package

Stent Type	Lamps Net Weight	Size	Qty/ Carton	Weight/ Carton
AM	6. KG	650*385*155MM	1	7KG
DM	6.44KG	650*385*155MM	1	7.46 KG
YM	6.5 KG	650*385*155MM	1	7.5KG
A&D	6.8KG	650*385*155MM	1	7.8 KG
FM	5.5 KG	535*400*155MM	1	6.5KG

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