



DM

YM

FM



NAME: LED Shoebox Light

P/N: ALS-S300WAT3ZA1

Note: The Letter Z in P/N stands for

AM: Adjustable Fitter Mount

DM: Direct Mount

YM: Yoke Mount

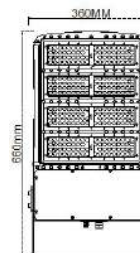
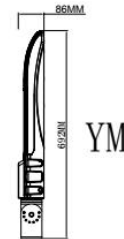
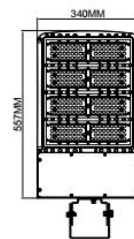
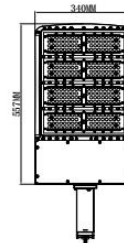
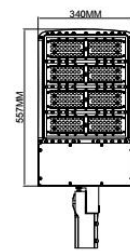
FM: Flood Mount

Advantage:

- UL DLC certificate
- LUMILEDS Chip, high CRI
- Mean Well IP65 driver, input voltage 100-277VAC
- 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, football field
- School playground, stadium
- Community leisure entertainment plaza, road lamp etc.



TECHNICAL DATA SHEET

Product Specifications

Product Name	LED Shoebox Light
Part No.	ALS-S300WAT3ZA1
Dimension	ALS-S300WAT3AMA1: 779*340*86mm ALS-S300WAT3DMA1: 748*340*100mm ALS-S300WAT3YMA1: 692*340*86mm ALS-S300WAT3FMA1: 660*360*140mm

Technical Characteristic

Color Temperature	3000K	3500K	4000K	5000K	5700K
CRI	>70				
Lumen	36000-41000LM				
Lumen Efficacy	120-135 LM/W				
Input Power	300W				
Viewing Angle	150*85 Degree (Type III)				
Input Voltage	100-277V 50/60Hz				
Driver Model	HLG-320H-48B (1-10Vdc Dimmer)				
PFC	>0.9				
Waterproof Rating	IP65				

Materials

LED Brand	LUMILEDS
LED Type	LUXEON 3030 2D (1.5W)
LED QTY	280 PCS
Optional Accessory	Photocell / Surge protector / Motion sensor
Housing	Aluminum Alloy
Housing Color	Black, Brown

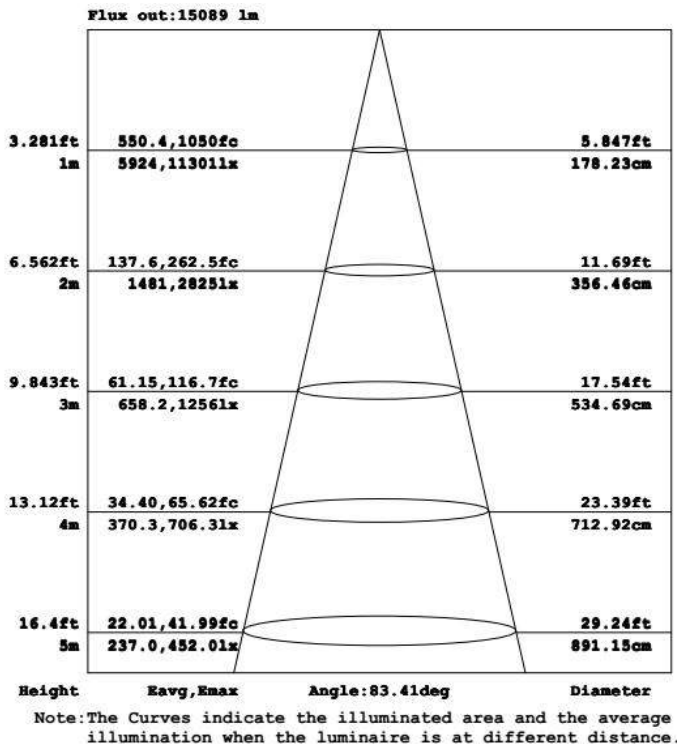
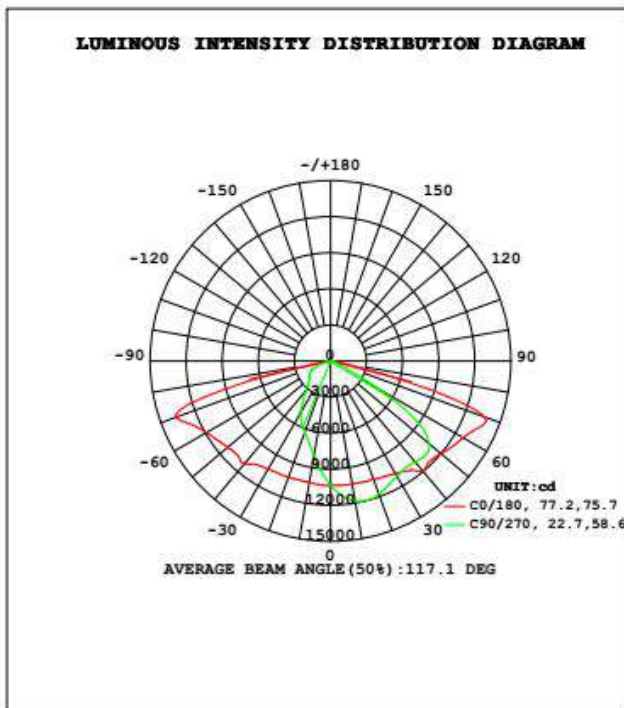
Others

Operating Temperature	-20°C TO 45°C
Operating Humidity	20% - 90% RH
Storage Temperature	-30°C TO 80°C
Storage Humidity	10% - 95%
Application	Outdoor / Indoor
Safety Certification	UL, DLC
Warranty Time	5 Years

TECHNICAL DATA SHEET

Light Distribution Testing Parameters

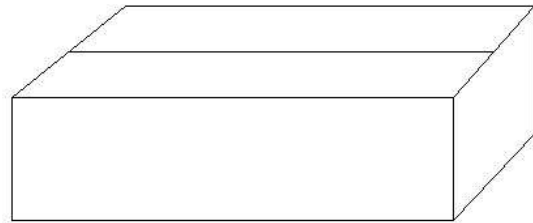
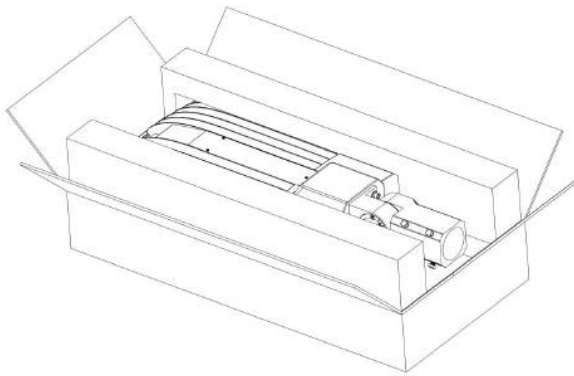
DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.95 lm/W			
		I _{max} (cd)	18382	S/MH(C0/180)	1.63
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH(C90/270)	0.74
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	39390	η UP, DN(C0-180)	0.1, 67.3
NOMINAL FLUX(lm)	39390.4	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 32.5
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down (%)	99.8	CIBSE SHR MAX	1.35



TECHNICAL DATA SHEET

Package

	Lamps Net Weight	Size	Qty/Carton	Weight/Carton
ALS-S300WAT3AMA1	11.3KG	820*390*145 MM	1	12.7KG
ALS-S300WAT3DMA1	10.5KG	820*390*145 MM	1	11.9KG
ALS-S300WAT3YMA1	10.5KG	820*390*145 MM	1	11.9KG
ALS-S300WAT3FMA1	12.0 KG	605*390*175MM	1	12.8KG



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