

# TECHNICAL DATA SHEET



## NAME: LED ShoeBox Light

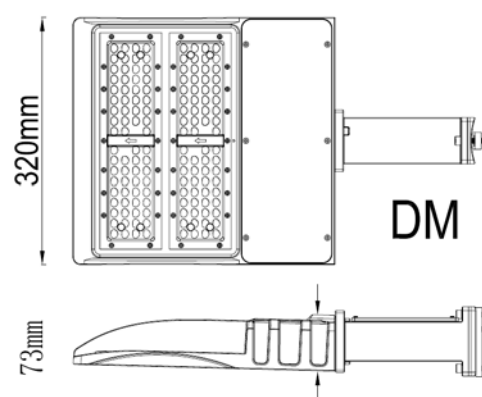
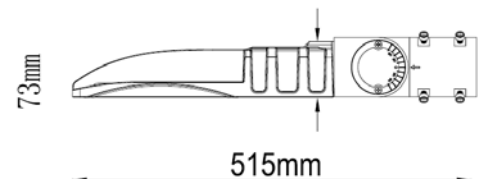
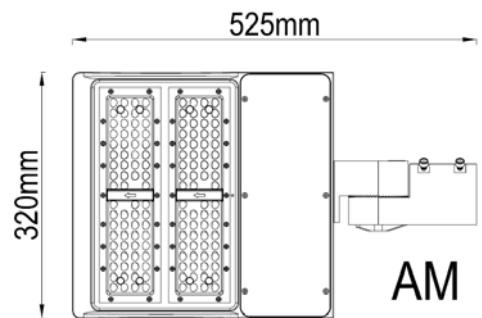
Note: The Letter X in P/N stands for  
AM: ADJUSTABLE FITTER MOUNTING  
DM: DIRECT MOUNTING  
YM: YOKE MOUNTING

### Advantage:

- UL cUL DLC certificate
- Philips Lumileds Chip, high CRI
- Mean Well IP65 driver, Input voltage 200-480Vac
- 150°85° lens angle
- 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.



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## Product Specifications

Product name	LED Shoebox Light
Part No	SBC150W120V50K
Dimension	ESB150HLT3AMA1: 525x320x73mm ESB150HLT3DMA1: 515x320x73mm ESB150HLT3YMA1: 482x320x73mm

## Technical Characteristic

Color temperature	4000K	5000K	5700K
CRI	>70		
Lumen	17500-18800LM		
Lumen Efficacy	120-130 LM/W		
Input Power	150W		
Viewing Angle	150*85 Degree (Type III)		
Input Voltage	100-277Vac 50/60Hz		
Driver model	HVG-150-48A (Mean Well Driver)		
PFC	>0.9		
Waterproof Rating	IP65		

## Materials

LED Brand	PHILIPS LUMILEDS
LED Type	LUXEON 3030 2D (1.5W)
LED QTY	140 PCS
Housing	Aluminum
Housing color	Black、Brown

## Others

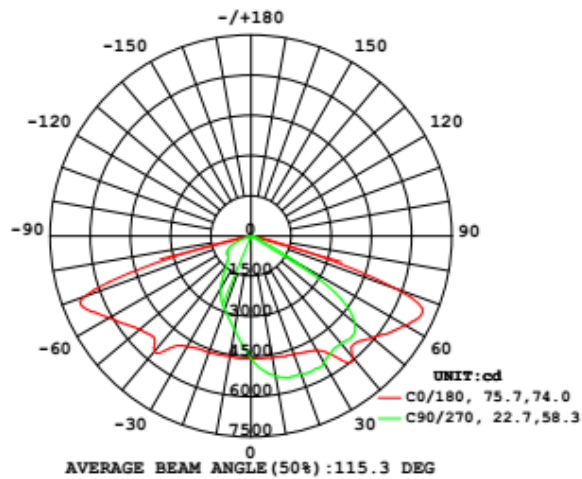
Operating Temperature	-20℃ TO 45℃
Operating Humidity	20%-90% RH
Storage Temperature	-30℃ TO 80℃
Storage Humidity	10%-95%
Application	Outdoor / Indoor
Safety Certification	UL、cUL、DLC
Warranty Time	5 Years

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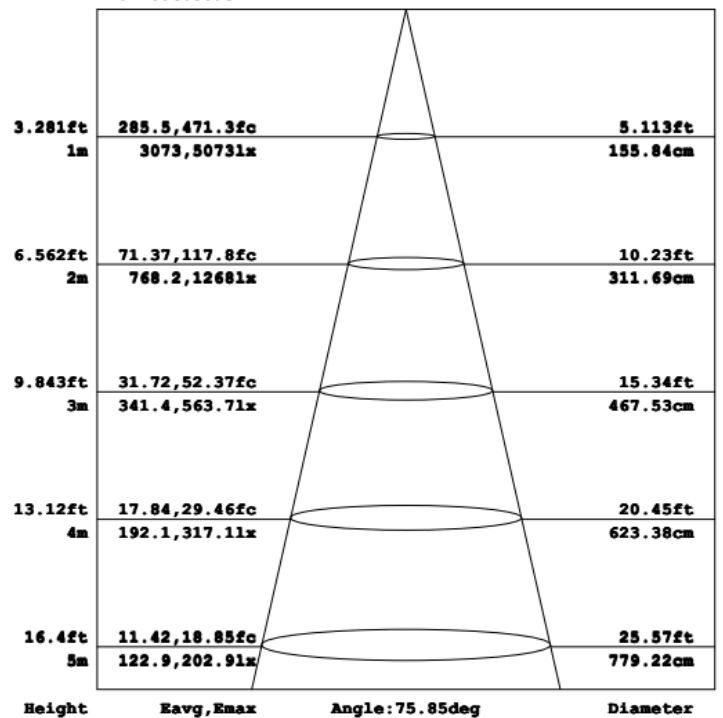
## Light Distribution Testing Parameters

DATA OF LAMP		PHOTOMETRIC DATA      Eff: 130.00 lm/W			
MODEL		I <sub>max</sub> (cd)	9847	S/MH (C0/180)	1.78
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	0.79
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	18786	η UP, DN (C0-180)	0.1, 68.2
NOMINAL FLUX (lm)	18785.8	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 31.6
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	277.0	η down (%)	99.8	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out: 5893 lm

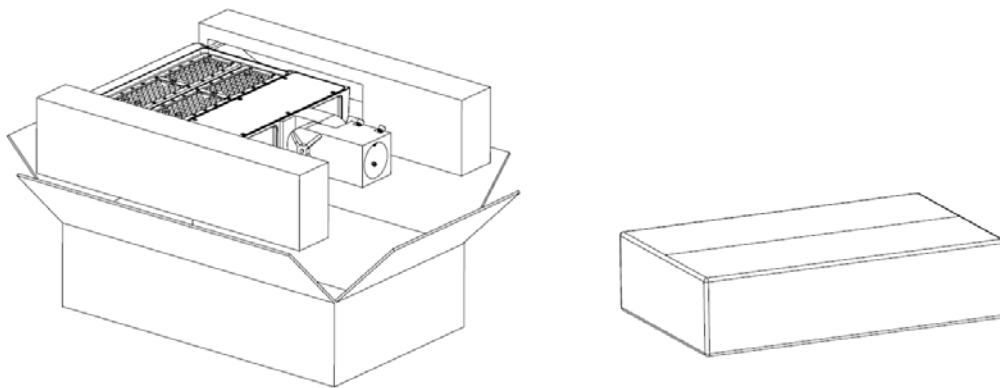


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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## Package

	Lamps Net Weight	Size	Qty/ Carton	Weight/ Carton
Outer box (ESB150HLT3AMA1)	6.9 KG	570 x 360 x 140mm	1	7.9 KG
Outer box (ESB150HLT3DMA1)	6.4 KG	570 x 360 x 140mm	1	7.4 KG
Outer box (ESB150HLT3YMA1)	6.5 KG	570 x 360 x 140mm	1	7.5 KG



## 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