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Lisbon Series high lumen LED area lights

Product Description

Lisbon area light fixture has a beautiful low profile design for outdoor parking lot or square applications, combines the latest in LED technology 130lm/w brightness, 50000hrs waterproof Ip66 led driver, beautiful light distribution optic lense and versatile brackets for round poles, square pole High-performance illumination with typical energy of 80%, ideal for replacing 100-1000W Metal Halide,

SLIP FILTER MOUNT

YOKE MOUNT

ARM MOUNT

Applications

Parking Lot, Road Ways, Square Parks, Outdoor Lighting Area Lights etc.

Electric Characteristic

Specification/Model	LS-ESB60SST3 A1	LS-ESB90SST3 A1	LS-ESB120SST3 A1	LS-ESB150HLT3 A1	LS-ESB185WAT3 A1	LS-ESB240WAT3 A1	LS-ESB300WAT3 A1
LED Chips	PHILIPS 3030						
Input power	60W (2 module)	90W(2module)	120W(2module)	150W(2module)	185W(3module)	240W(4module)	300W(4module)
Lumens output	7800LM	11700LM	15600LM	19500LM	24050LM	31200LM	39000LM
Efficiency	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W
CRI	＞72Ra						
Color Temperature	4000K/5000K/5700K						
Input voltage	100-277V 5 YEAR WARRANTY UL Driver						
Light distribution type	Type 3 Type 5						
Total Harmonic Distortion	12.84%						
Junction temperature	＜75℃						
Power Factor	0.93						
Certificate	UL,cUL,DLC						
Equivalent	100-150W MH/HPS	200W-250 MH/HPS	250W-300 MH/HPS	300-400W MH/HPS	400-600W MH/HPS	600-800W MH/HPS	800-1000W MH/HPS

Specification/Model	LS-ESB150HVAT3	LS-ESB240HVAT3	LS-ESB300HVAT3
LED Chips	PHILIPS 3030		
Input power	150W (2 module)	240W(4module)	300W(4module)
Lumens output	19500LM	31200LM	39000LM
Efficiency	130LM/W	130LM/W	130LM/W
CRI	>72Ra		
Color Temperature	4000K/5000K/5700K		
Input voltage	200-480V 5 YEAR WARRANTY UL Driver		
Light distribution type	Type 3 Type 5		
Total Harmonic Distortion	12.84%		
Junction temperature	<75℃		
Power Factor	0.93		
Certificate	UL,cUL,DLC		
Equivalent	300-400W MH/HPS	600-800W MH/HPS	800-1000W MH/HPS

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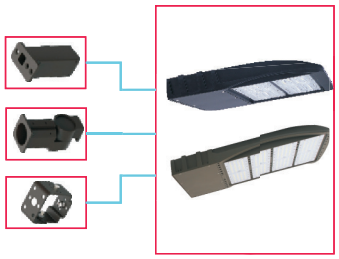
DLC Ordering Model No Information

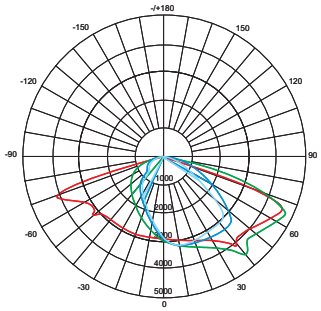
Example: LS-ESB60SST3 (AMDMYM) A1 5000K

Product	Power	Replacement	Color Temperature	Options
LS-ESB60SST3 (AMYMDM) A1 5000K	60W 2 module	100-150W MH/HPS	4000K 5000K 5700K	SS=Songsheng driver 100-277V HL=Meanwell driver 100-277V HV=Meanwell 200-480V driver T3=Type 3 optic lense AM=Slip filter bracket for round pole DM=Arm Mount bracket for square pole YM=Yoke Mount bracket
LS-ESB90SST3 (AMYMDM) A1 5000K	90W 2 module	200-250W MH/HPS		
LS-ESB120SS T3 (AMDMYM) A1 5000K	120W 2 module	250-300W MH/HPS		
LS-ESB150HL T3 (AMDMYM) A1 5000K	150W 2 module	300-400W MH/HPS		
LS-ESB150HVT3 (AMDMYM) A1 5000K	185W 3 module	300-400W MH/HPS		
LS-ESB185WAT3 (AMDMYM) A1 5000K	185W 3 module	400-600W MH/HPS		
LS-ESB240WAT3 (AMDMYM) A1 5000K	240W 4 module	600-800W MH/HPS		
LS-ESB240HVAT3 (AM, DM, YM) A1 5000K	240W 4 module	600-800W MH/HPS		
LS-ESB300WAT3 (AMDMYM) A1 5000K	300W 4 module	800-1000W MH/HPS		
LS-ESB300HVAT3 (AM, DM, YM) A1 5000K	300W 4 module	800-1000W MH/HPS		

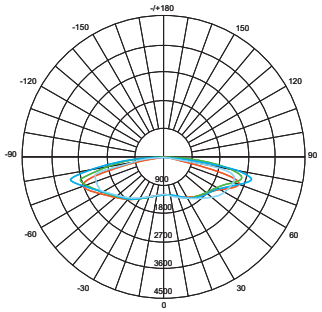
Bracket options



Photometrics



Type Ⅲ



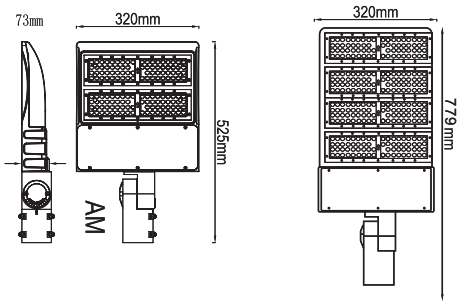
Type Ⅴ

Projected LED Lumen Maintenance

Operating hours	0	25000	50000
Lumen maintenace factor	1	0.91	0.8

Data references the extrapolated performance projections for the SHOEBOX LED platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Dimensions



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After-sale Service

The product refers to electrics knowledge. Please don't disassemble it by yourself. If any quality problem happens, please contact the factory for warranty details.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are without notice.

INSTALLATION MANUAL

Cautions:

1.Can not use the electric generator to test the LED lamp.

2. Please abide by related country, regional and local law and regulations when install this fixture.

3. To avoid electrical shock and damage, please do not install the lights in raining days.

Notices:

1. To prevent from electric shock or fire risk, the installation must be conducted by operator who have professional electrical knowledge.

2. Please wear gloves to avoid injury before installing lamps.

3. During or after installation, if there are situations such as smoke, fire in the wires or lamps, please turn off the power immediately and notify relevant personnel of an overhaul.

4.This light can be used for outdoor installation.

Installation I:

ADJUSTABLE FITTER MOUNTING

1. Loosen the 4 locking bolts on the slip fitter, connect the wire correctly and put the wire into pole. Then fasten the locking bolts between slip fitter and the pole. (figure 1)

2. Loosen the fixing bolts and adjusting bolts, align the fixture to required angle. Tighten adjusting bolt and fixing bolts after the angle is confirmed. (figure 1)

Installation II:

YOKE MOUNTING

1. Loosen cap fixing screw and take cap off. Loosen fixing bolt, fixed the fixture on the support and tighten fixing bolts. (figure 2)

2. Let the AC wire go through support hole and connected correctly. Close cap and tighten cap fixing screw after AC cable is well placed in the support. (figure 2)

3. Loosen adjusting screws, align the fixture to required angle and fasten the screws. (figure 2)

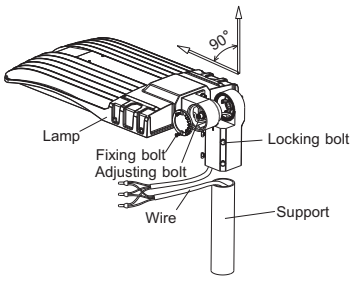

figure 1

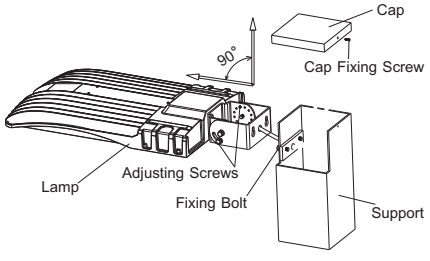

figure 2

Installation III:
DIRECT MOUNTING
1. Loosen cap fixing screw and take cap off. Loosen fixing bolt, fixed the fixture on the support and tighten fixing bolts. (figure 3)
2. Correctly connecting the wire and fasten cap fixing screw and fixing screw. (figure 3)

Notice: Round pole should be with additional adapter plate. (figure 4)

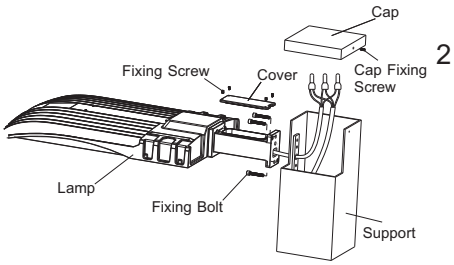

figure 3

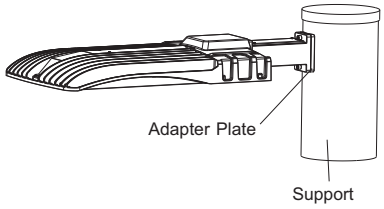

figure 4

Installation IV:
FLOOD MOUNTING
1. Use the electric drill to drill holes on the poles or suspended walls . (The hole pitch should be according to the actual application of products, the hole size should be same as the screw the user has). (Figure 5,6)
2.Put the installation bracket on the pole position, and using screws and nuts to fix the light tight,adjust to the desired light angle.
3.According to the local wiring to connect the product to the mains and do a good job of thread protection measures, plug the wire into the poles, cover the pole cover, tighten the side screws.(Figure 7)

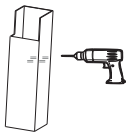

figure 5

figure 6

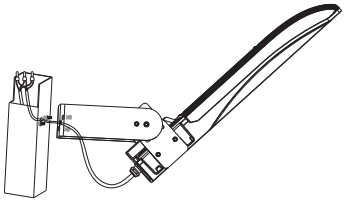

figure 7

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