LEDSION

V11 LED Shoebox light

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....



FEATURES

- Tunable 80/100/150w shoebox with Multiple mounts
- 100-277V or 200-480V input. 0-10V dimmable.
- Low profile housing with enhanced thermal heat sink.
- 6KV built-in plus 10KV external surge protection
- 50,000hrs Life time.

SUITABLE APPLICATIONS

- Warehouses
- Stadiums
- Factories
- Parking Lots
- Shopping Malls
- Supermarkets
- Logistic Centers
- Auto dealerships

CONSTRUCTION:

Heavy die-cast aluminum alloy housing with bronze powder-coated finish.

ELECTRICAL:

Available as 120-277/200-480V input. -20°C to 45°C,

OPTICAL SYSTEM:

High brightness lumileds LED chips.
Special PC lens with TYPE III and TYPE IV distribution

INSTALLATION&MOUNTING:

Slip filters, arm mounts or trunion mounts for easy installation.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

CONTROLS&DIMMING

0-10V dimming comes standard. 277v or 480v Photocell available when requested.

PERFORMANCE

Model NO	Wattage	VOLTAGE	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	480V		
AST-S-G19-150WBT3A1-BRAM57	80/100/150W	100-277V	1.25A	0.31A	140-145LM/W	5700K
AST-S-G19-150WBT3H1-BRAM50	80/100/150W	200-480V	1.25A	0.31A	140-145LM/W	5000K

LED SION
LIGHTING

Optional Mount Bracket:





AM Adjustable Slipfitter



DM Adjustable Direct Mount



YM Yoke Mount

Electric Characteristic

Specification/Model	AST-S-G19-150WBT3A1-BRAM57	AST-S-G19-150WBT3H1-BRAM50
LED Driver	UL LISTED DRIVER	
Input power	80/100/150W	80/100/150W
Lumens output	21000-21750LM	21000-21750LM
Efficiency	140-145LM/W	140-145LM/W
CRI	>80	>80
Color Temperature	5700K	5000K
Input voltage	100-277V/AC	200-480V/AC
Light distribution type	155*90D	155*90D
Working temperature	-20+45℃	-20+45℃
Junction temperature	<75℃	<75℃
lamps efficiency	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC
Equivalent	300-6000W MH/HPS	600-1000WMH/HPS

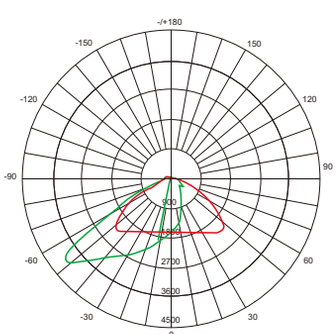
PRODUCT ORDERING GUIDE

AST-S-G19-150WBT3A1-BRAM57
1 2 3 4 5 6 7 8

AST - S-G19- 150W B T3 A1- BR AM 57

- ☑ AST Company name
- ☑ 150W Rating Power
- ☑ B for Lumileds ☑ T3 for TYPE III
- ☑ A1 120-277VAC ☑ BR Brown
- ☑ AM represent mounting bracket types
- ☑ 57 CCT:5700K

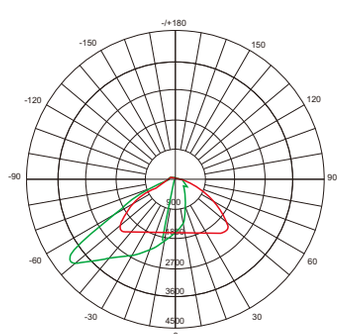
DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 122°

Lumens:21750LM
Test Number:150W
Test Number:5700K

UNIT:CD
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9

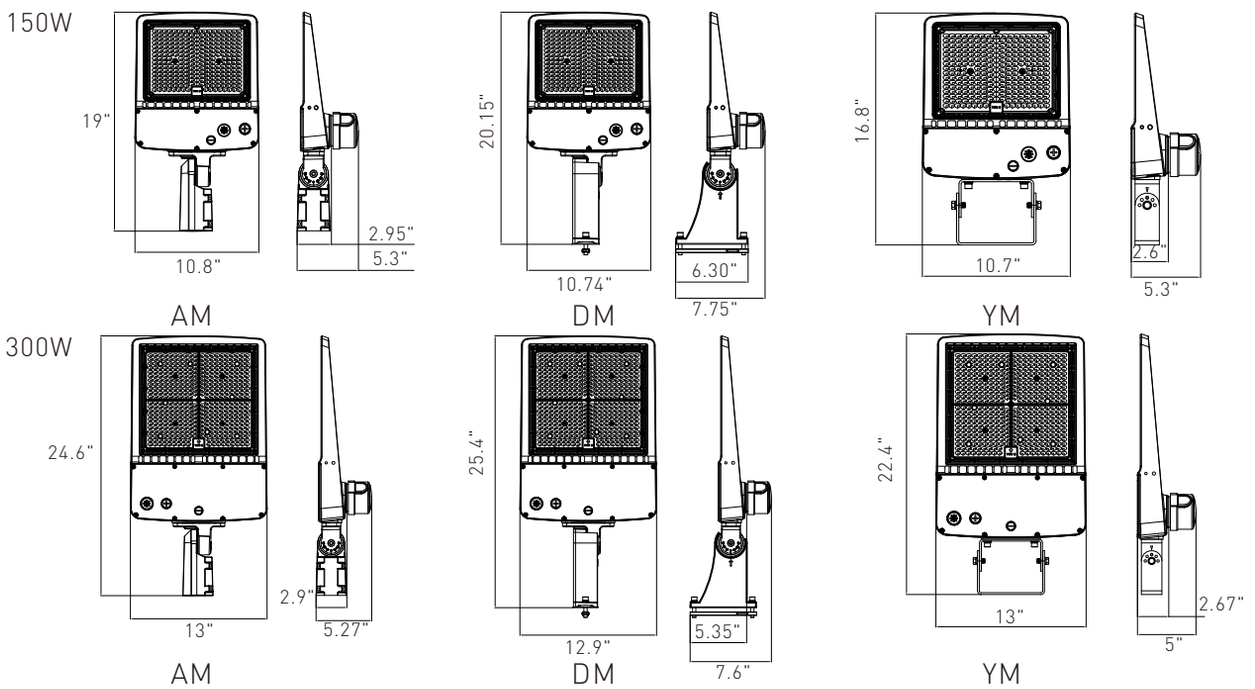


AVERAGE BEAM ANGLE(50%): 122°

Lumens:43500LM
Test Number:300W
Test Number:5700K

UNIT:CD
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9

DIMENSION



InstallationInstruction

1. ADJUSTABLE FITTER MOUNTING (AM)

Step 1: Loosen the 4 screws on the bracket with a screwdriver and make ensure that the bracket can fit into the light pole, Figure 1-1;

Step2: Connect the input wires of the fixture to the mains correctly, Figure 1-2;

Step3: Mount the fixture on the light pole and fix it with screws firmly to ensure that the fixture cannot be rotated or shaken, Figure 1-3;

Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 1-4;

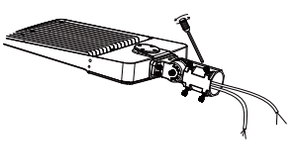


Figure 1-1

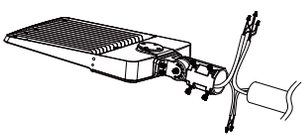


Figure 1-2

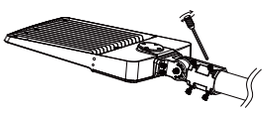


Figure 1-3

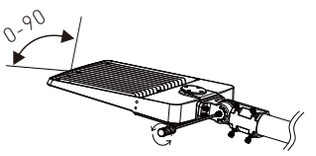


Figure 1-4

2.DIRECT MOUNTING (DM)

Step1: Loosen the screws on the bracket with a screwdriver and take off the bracket, Figure 2-1;

Step2: Fix the fixture on the pole after passing the input wire of the fixture through the pole, and then connect the input wires to the mains properly, Figure 2-2;

Step3:Fasten the pole cover to the pole after making sure the wires are connected correctly, Figure 2-3;

Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 2-4;

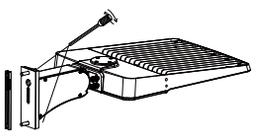


Figure 2-1

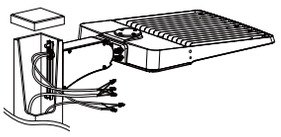


Figure 2-2

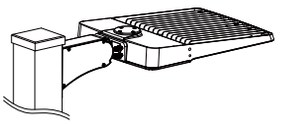


Figure 2-3

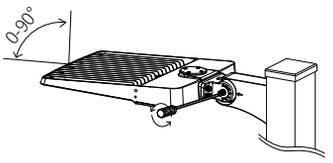


Figure 2-4

3.YOKE MOUNTING (YM)

Step1: Use a tool to punch two 67MM holes on the wall and then insert 2 expansion screws into the holes, Figure 3-1;

Step2: Fix the fixture on the expansion screws, Figure 3-2;

Step3: Connect the input wires of the fixture to the mains properly, Figure 3-3;

Step4: If the installation angle of the fixture needs to be adjusted, loosen the screws of the bracket, and fix them again after finished adjustment, Figure 3-4;



Figure 3-1



Figure 3-2



Figure 3-3

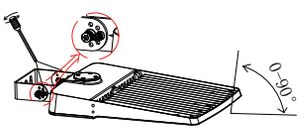


Figure 3-4