LEDSION

V14 Area/Parking Lot Shoebox LED light

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

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

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





FEATURES

- Multiple mounts Available. Easy install
- 100-277V or 277V-480V input voltage.
- 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:

100-277V or 227-480V input. -20°C to 45°C,

OPTICAL SYSTEM:

High-brightness Lumileds LED chips, special PC lens with Type III light distribution.

INSTALLATION&MOUNTING:

Wall Mounting/Pole Mounting with Different Mount bracket 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 and wattage tunable.

PERFORMANCE

Model NO	Wattage	BUG	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
AST-S-G12C-150WBT3SA1	80W	B3-U0-G3	0.62A	0.28A	135LM/W	5700K
	100W	B3-U0-G3	0.78A	0.36A	135LM/W	5700K
	150W	B3-U0-G3	1.25A	0.54A	135LM/W	5700K

Model NO	Wattage	BUG	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			277V	480V		
AST-S-G12C-150WBT3SH3	80W	B3-U0-G3	0.28A	0.16A	135LM/W	5000K
	100W	B3-U0-G3	0.36A	0.21A	135LM/W	5000K
	150W	B3-U0-G3	0.54A	0.31A	135LM/W	5000K

LED SION
LIGHTING

Electric Characteristic

Specification/Model	AST-S-G12C-150WBT3SA1			AST-S-G12C-150WBT3SH3		
LED Driver	0-10V dimmable			0-10V dimmable		
Input power	80W	100W	150W	80W	100W	150W
Lumens output	10800LM	13500LM	20250LM	10800LM	13500LM	20250LM
Efficiency	135LM/W	135LM/W	135LM/W	135LM/W	135LM/W	135LM/W
CRI	＞80	＞80	＞80	＞80	＞80	＞80
Color Temperature	5700K			5000K		
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC	277-480V/AC	277-480V/AC	277-480V/AC
Light distribution type	TYPE III	TYPE III	TYPE III	TYPE III	TYPE III	TYPE III
Working temperature	-20+45℃	-20+45℃	-20+45℃	-20+45℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃	＜75℃	＜75℃	＜75℃
lamps efficiency	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	150-250W MH/HPS	250-300W MH/HPS	300-450W MH/HPS	150-250W MH/HPS	250-300W MH/HPS	300-450W MH/HPS

Optional Mount Bracket:





AM Slipfitter Mount



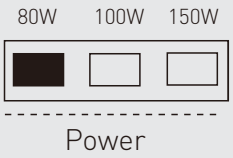
DM Direct Mount



YM Yoke Mount

OPTIONAL ACCESSORIES

Watt& Tunable



ElectricChar acteristic

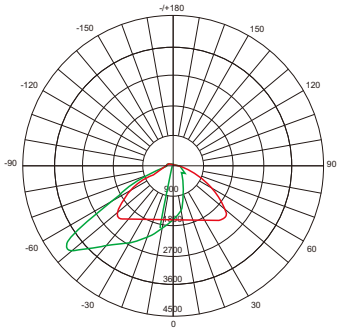
PRODUCT ORDERING GUIDE

AST-S-G12C-150WBT3SH3
1 2 3 4 5

AST - S-G12C - 150W B T3 S H3

☑ AST	Company name		
☑ S-G120C	Product series, LED Shoebox Light;	☑ 150W Power	☑ T3represents diffuser light angle
☑ H3 Input voltage 277-480V/AC	A1 Input voltage 120-277V/AC		

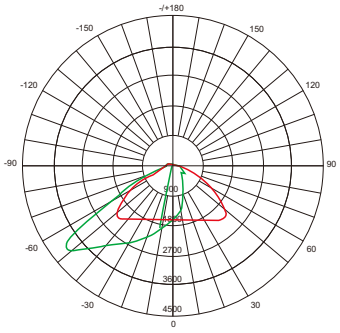
DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 122°

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

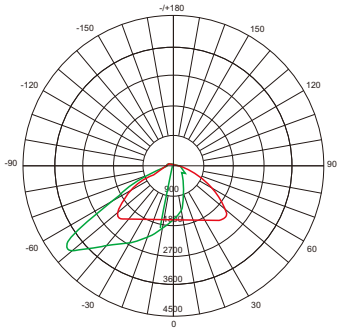
Lumens:10800LM
Test Number:80W
Test Number:5000K



AVERAGE BEAM ANGLE(50%): 122°

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

Lumens:13500LM
Test Number:100W
Test Number:5000K



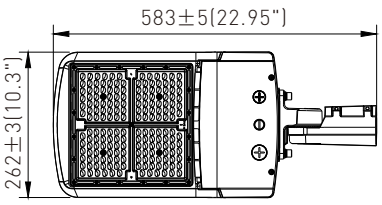
AVERAGE BEAM ANGLE(50%): 122°

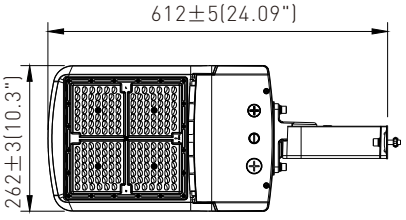
UNIT:CD
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9

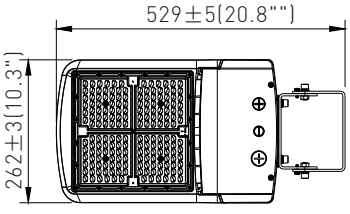
Lumens:20250LM
Test Number:150W
Test Number:5000K

DIMENSION

80/100/150W







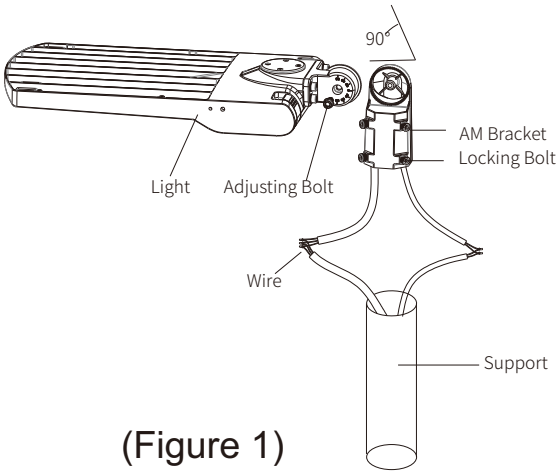
Installation

1.ADJUSTABLE FITTER MOUNTING (e=AM)

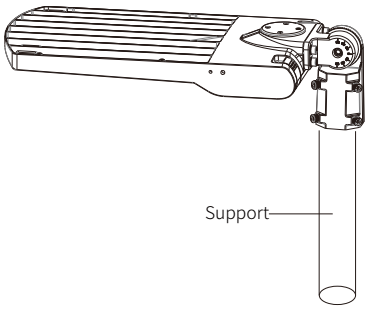
Step 1: Connect the wire correctly and put the wires into pole. Then fasten the locking bolts between slip fitter and the pole.(Figure 1)

Step 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 2)

Notice: Adjustable angle is 0~+/-90°(Figure 1)



(Figure 1)



(Figure 2)

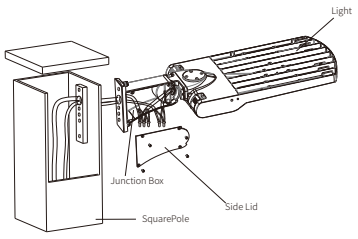
2.DIRECT MOUNTING (e=DM)

Step 1：Fix the DM bracket to the square pole with bolt, open the side lid of DM bracket, pull the wire into junction box, and connect the wires correctly (Figure 3)

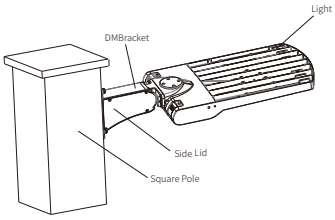
Step 2: Put the connected wires into the junction box, then cover the junction box (Figure 4)

Notice: Adjustable angle range is 0-35°(Figure 3)

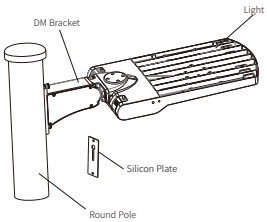
Same as round pole installation, please remember to remove the silicon plate when install the fixture in round pole (Figure 5)



(Figure 3)



(Figure 4)



(Figure 5)

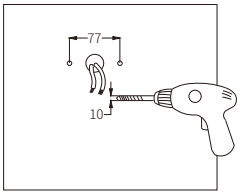
3.YOKE MOUNTING(e=YM)

Step 1: Drill holes on the wall as shown in(Figure 6)

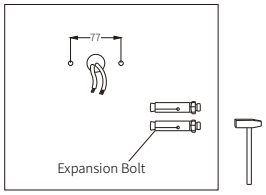
Step 2: Knock the expansion bolts into the wall.(Figure 7)

Step 3: Connect the fixture to the bracket and tighten the screws; connect the wires properly and put them into junction box.(Figure 8)

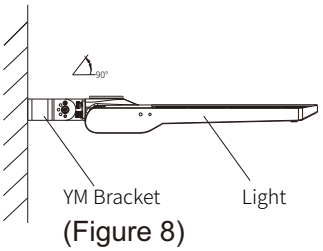
Notice: Adjustable angle is 0-90°(Figure 8)



(Figure 6)



(Figure 7)



(Figure 8)