V14 Shoebox LED Light

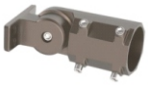
Date:..... Location: .....

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

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











FEATURES

- Slip filter, direct mounts or yoke mounts optional.
- 100-277V or 480V input voltage available.
- Low profile housing with enhanced thermal heat sink.
- 6kV built-in plus 10kV external surge protection
- 50,000hrs Life time.DLC LISTED.

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 120-277V or 480V input. -20°C to 45°C,

OPTICAL SYSTEM:

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

INSTALLATION&MOUNTING:

Adjustable slip filter, direct mounts or yoke mounts for easy installation.

WARRANTY:

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

CONTROLS&DIMMING

Photocell optional, 0-10V dimming.

PERFORMANCE

Model NO	Wattage	BUG	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
AST-S-G12C-300WBT3SA3	200W	B5-U0-G5	1.66A	0.72A	145LM/W	5700K
	240W	B5-U0-G5	2.00A	0.86A	145LM/W	5700K
	300W	B5-U0-G5	2.50A	1.08A	145LM/W	5700K

Model NO	Wattage	BUG	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			277V	480V		
AST-S-G12C-300WBT3SH3	200W	B5-U0-G5	0.72A	0.41A	145LM/W	5000K
	240W	B5-U0-G5	0.86A	0.50A	145LM/W	5000K
	300W	B5-U0-G5	1.08A	0.62A	145LM/W	5000K

Electric Characteristic

Specification/Model	AST-S-G12C-300WBT3SA3		
LED Driver	0-10V dimmable		
Input power	200W	240W	300W
Lumens output	29000LM	34800LM	43500LM
Efficiency	145LM/W	145LM/W	145LM/W
CRI	＞80	＞80	＞80
Color Temperature	5700K		
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	TYPE III	TYPE III	TYPE III
Working temperature	-20+45℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃
lamps efficiency	⩾90%	⩾90%	⩾90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	400-600W MH/HPS	480-750W MH/HPS	600-1000W MH/HPS

Specification/Model	AST-S-G12C-300WBT3SH3		
LED Driver	0-10V dimmable		
Input power	200W	240W	300W
Lumens output	39000LM	34800LM	43500LM
Efficiency	145LM/W	145LM/W	145LM/W
CRI	＞80	＞80	＞80
Color Temperature	5000K		
Input voltage	277-480V/AC	277-480V/AC	277-480V/AC
Light distribution type	TYPE III	TYPE III	TYPE III
Working temperature	-20+45℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃
lamps efficiency	⩾90%	⩾90%	⩾90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	400-600W MH/HPS	480-750W MH/HPS	600-1000W MH/HPS

V14 Shoebox LED Light

LED SION
LIGHTING

Optional Mount Bracket:





Adjustable Slipfitter



Adjustable Direct Mount



Yoke Mount

OPTIONAL ACCESSORIES

Watt& Tunable

200W 240W 300W



Power

ElectricChar acteristic

PRODUCT ORDERING GUIDE

AST-S-G12C-300WBT3SH3
1 2 3 4 5

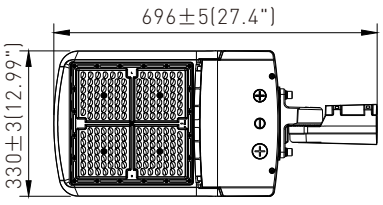
AST - S-G12C - 300W B T3 S H3

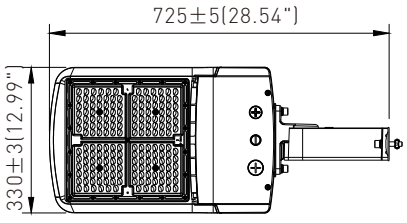
☑ AST Company name

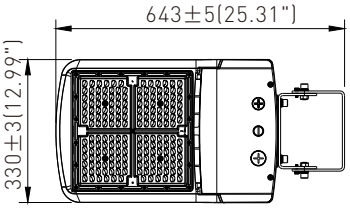
☑ S-G120C Product series, LED Shoebox Light; ☑ 200/240/300W Power ☑ T3represents diffuser light angle

☑ H3 Input voltage 277-480V/AC A3 Input voltage 120-277V/AC

DIMENSION

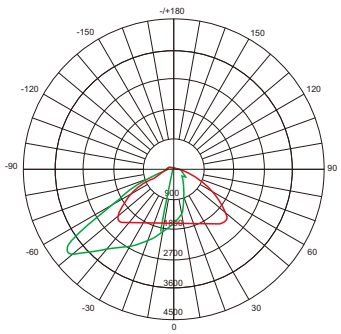






DISTRIBUTION DIAGRAM

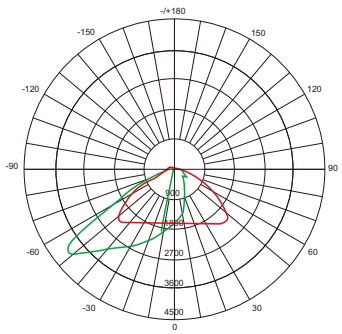
AST-S-G12C-300WBT3SH3



AVERAGE BEAM ANGLE(50%): 122°

Lumens:29000LM
Test Number:200W
Test Number:5000K

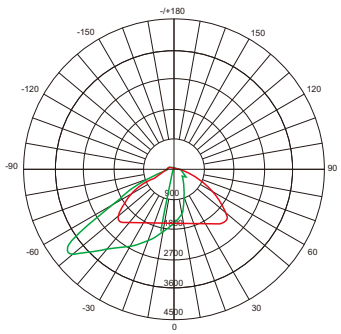
UNIT:CD
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9



AVERAGE BEAM ANGLE(50%): 122°

Lumens:34800LM
Test Number:240W
Test Number:5000K

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:5000K

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

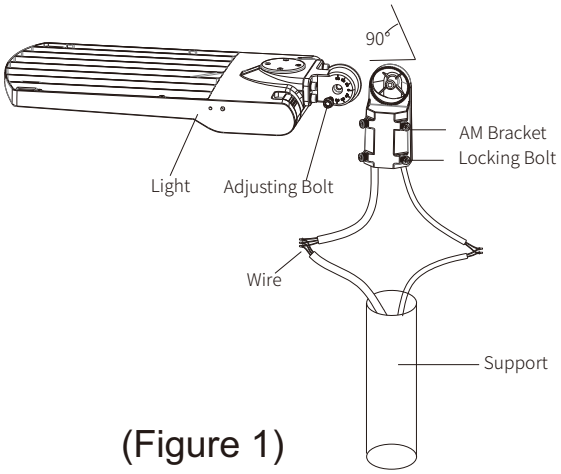
Installation

1.ADJUSTABLE FITTER MOUNTING (e=AM)

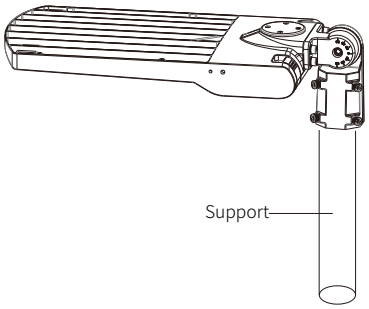
Step 1: Connect the wire correctly and put the wires into pole. Then fasten the locking bolts between slip fitter and the pole.(Figure 1)

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)

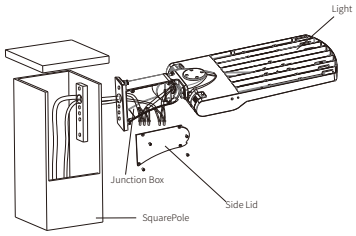
2.DIRECT MOUNTING (e=DM)

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)

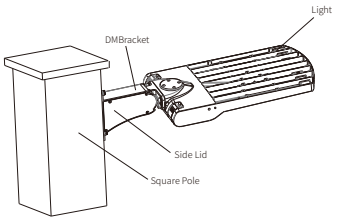
Step 2: Put the connected wires into the junction box, then cover the junction box (Figure 4)

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

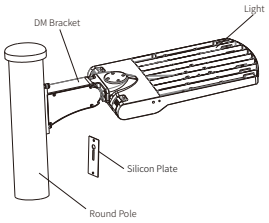
Same as round pole installation, please remember to remove the silicon plate when install the fixture in round pole (Figure 5)



(Figure 3)



(Figure 4)



(Figure 5)

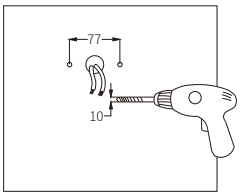
3.YOKE MOUNTING(e=YM)

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

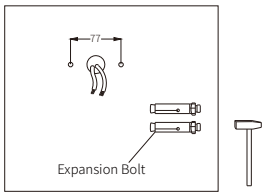
Step 2: Knock the expansion bolts into the wall.(Figure 7)

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

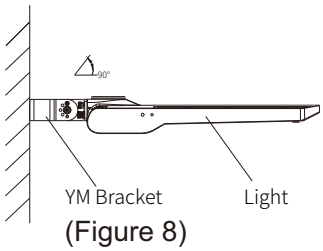
Notice: Adjustable angle is 0-90°(Figure 8)



(Figure 6)



(Figure 7)



(Figure 8)