

WATTAGE & CCT SELECTABLE LED AREA LIGHT - LS Series 300-500W

5Watts 3CCT 500W Shoebox LED light



FEATURES

- 300/350/400/450/500W led tunable, 3/4/5K selectable.
- Default Slip filter mount, pole/trunion mounts optional.
- 100-277V or 480V input voltage available.
- 6KV built-in surge protection
- DLC PREMIUM, 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 120-277V or 480V input. -20°C to 45°C,

OPTICAL SYSTEM:

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

INSTALLATION&MOUNTING:

Slip filter/Pole Mount/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.

PERFORMANCE

Model NO	Wattage	BUG	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
SB10-24-500L-D5C3T3	300W	B5-U0-G5	2.50A	1.08A	160LM/W	3000K/4000K/5000K
	350W	B5-U0-G5	2.92A	1.26A	160LM/W	3000K/4000K/5000K
	400W	B5-U0-G5	3.33A	1.44A	160LM/W	3000K/4000K/5000K
	450W	B5-U0-G5	3.75A	1.62A	160LM/W	3000K/4000K/5000K
	500W	B5-U0-G5	4.16A	1.81A	160LM/W	3000K/4000K/5000K

► ElectricCharacteristic

PRODUCT ORDERING GUIDE

SB10-24-500L-D5C3T3
 1 2 3 4
 SB10-24 - 500L D5C3 T3

☒ SB10-24 Item code

☒ 500L Wattage 300/350/400/450/500W

☒ D5C3 denotes 0-10 V dimming driver, 5 watts tunable and 3CCT selectable

☒ T3 represents diffuser light angle

► OPTIONAL ACCESSORIES

Watt&CCT Tunable

300W 350W 400W 450W 500W

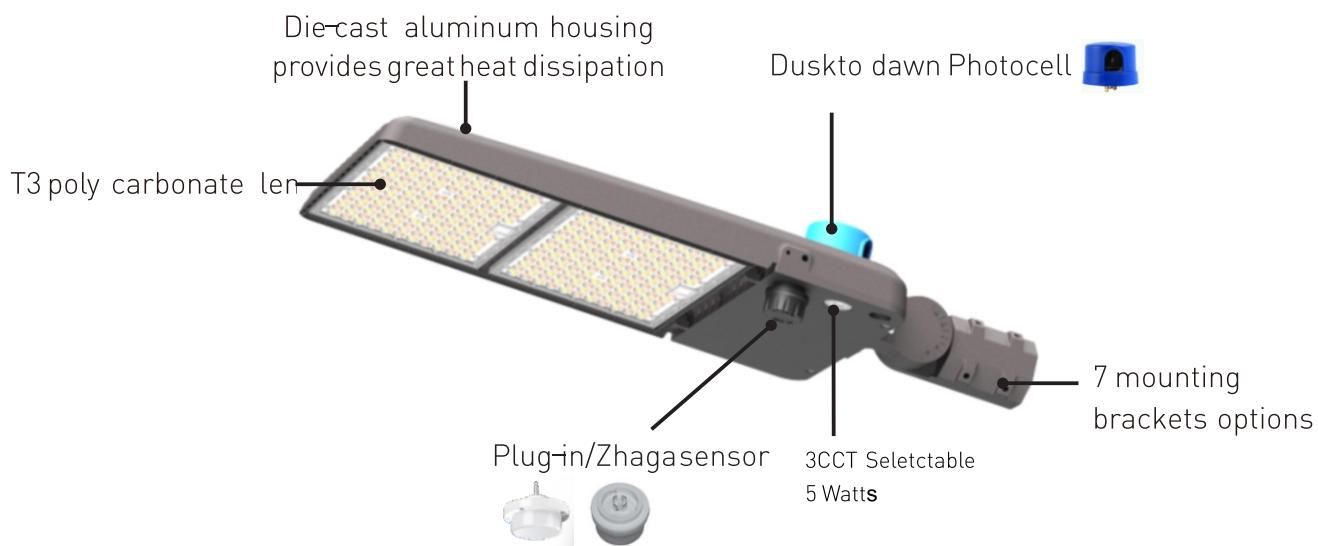
☒ ☐ ☐ ☐ ☐

Power

3000K 4000K 5000K

☐ ☐ ☒

CCT

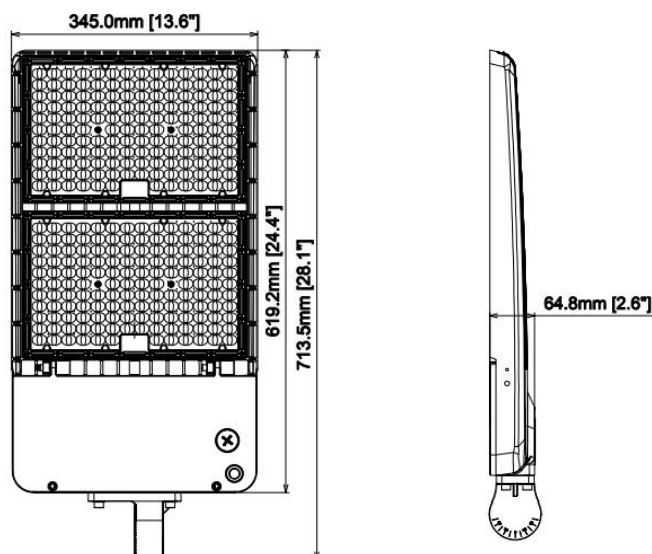


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Electric Characteristic

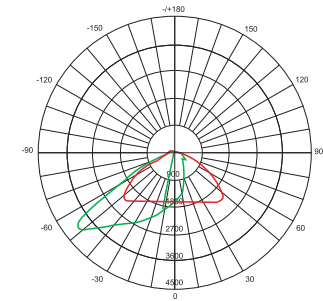
Specification/Model	SB10-24-500L-D5C3T3				
LED Driver	UL listed SOSEN Brand 0-10V dimmable				
Input power	300W	350W	400W	450W	500W
Lumens output	48000LM	56000LM	64000LM	72000LM	80000LM
Efficiency	160LM/W	160LM/W	160LM/W	160LM/W	160LM/W
CRI	>80	>80	>80	>80	>80
Color Temperature	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	TYPE III	TYPE III	TYPE III	TYPE III	TYPE III
Working temperature	-20+45°C	-20+45°C	-20+45°C	-20+45°C	-20+45°C
Junction temperature	<75°C	<75°C	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	1000-1500W MH/HPS	1000-1500W MH/HPS	1000-1500W MH/HPS	1000-1500W MH/HPS	1000-1500W MH/HPS

DIMENSION

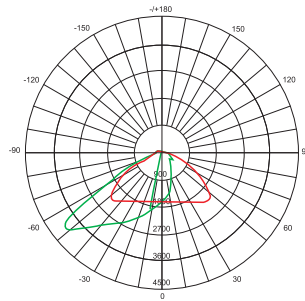


300W/350W/400W/450W/500W

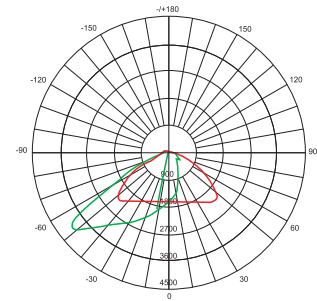
DISTRIBUTION DIAGRAM



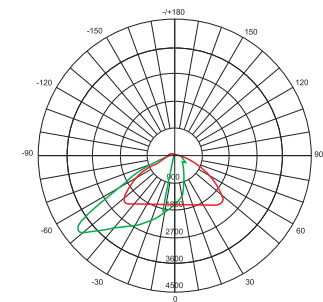
AVERAGE BEAM ANGLE[50%]: 122°
 UNIT:CD
 Lumens:48000LM
 Test Number:300W
 Test Number:5000K
 — C0/180,113.7
 — C30/210,100.1
 — C60/240,108.6
 — C90/270,130.9



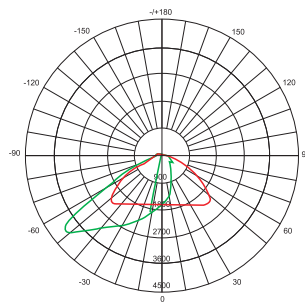
AVERAGE BEAM ANGLE[50%]: 122°
 UNIT:CD
 Lumens:56000LM
 Test Number:350W
 Test Number:5000K
 — C0/180,113.7
 — C30/210,100.1
 — C60/240,108.6
 — C90/270,130.9



AVERAGE BEAM ANGLE[50%]: 122°
 UNIT:CD
 Lumens:64000LM
 Test Number:400W
 Test Number:5000K
 — C0/180,113.7
 — C30/210,100.1
 — C60/240,108.6
 — C90/270,130.9



AVERAGE BEAM ANGLE[50%]: 122°
 UNIT:CD
 Lumens:72000LM
 Test Number:450W
 Test Number:5000K
 — C0/180,113.7
 — C30/210,100.1
 — C60/240,108.6
 — C90/270,130.9



AVERAGE BEAM ANGLE[50%]: 122°
 UNIT:CD
 Lumens:80000LM
 Test Number:500W
 Test Number:5000K
 — C0/180,113.7
 — C30/210,100.1
 — C60/240,108.6
 — C90/270,130.9

► Installation

1. ADJUSTABLE FITTER MOUNTING (AM)

Step 1: Loosen the four bolts on AM bracket, connect the wires correctly, and pull the wires into the poles. (Figure 1)

Step 2: Place the bracket into the pole and lock the four bolts. (Figure 2)

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

