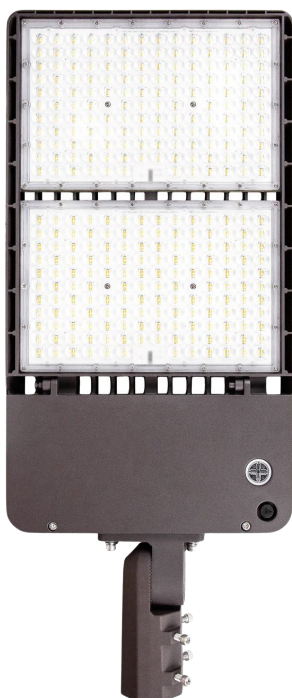


AR09 SHOEBOX LIGHT

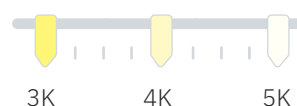
Powerful, efficient outdoor lighting with flexible controls and lasting reliability.



Watt Selectable LED Tunable



CCT Selectable



DLC Premium

50,000 Hrs Lifetime.



6KV Protection

6KV built-in surge Protection.



Volt Available

120-277V or 480V input volt available.



Controls & Dimming

0-10V dimming comes standard.



Construction

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



Optical System

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



Mount Options

Default Slip filter mount, pole/ trunion mounts optional.

PRODUCT DESCRIPTION

The LED Shoebox Light provides powerful, energy-efficient outdoor illumination. With selectable wattage and CCT options, it offers flexible performance for different projects while ensuring long-term reliability and low maintenance.

SUITABLE APPLICATIONS

Parking Lots

Logistic Centers

Stadiums

Warehouses

Auto dealerships

Shopping Malls

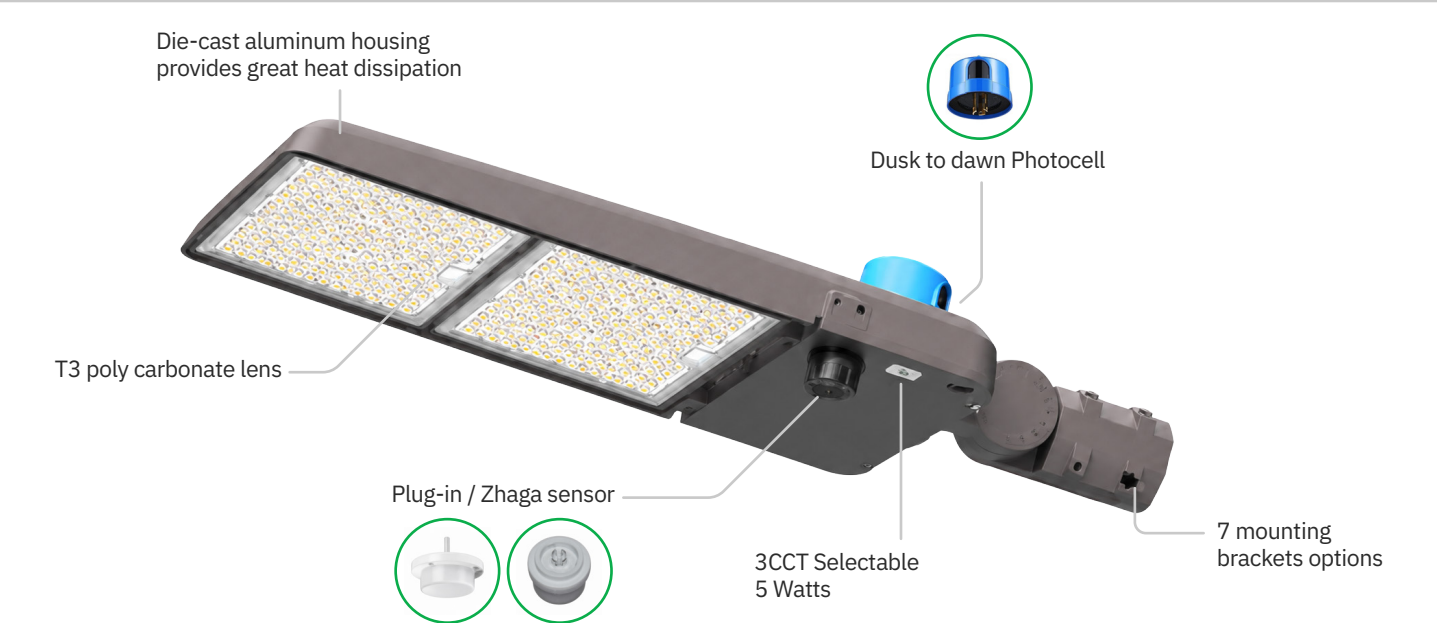
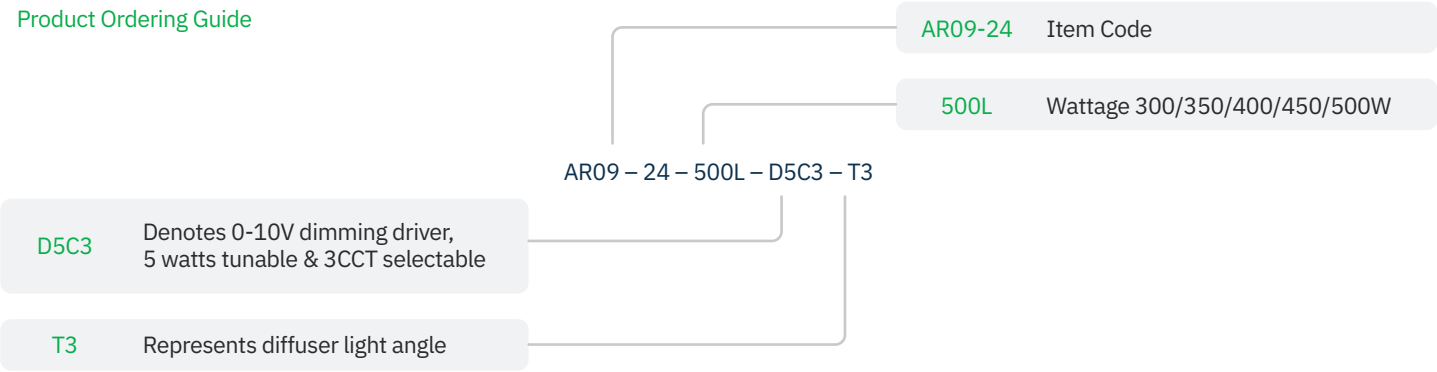
Supermarkets

Factories

Model No	Wattage	Bug	120 Volt	270 Volt	Light Efficiency	Kelvin Options
AR09-24-500L-D5C3T3	300W	B5-U0-G5	2.50A	1.08A	160LM/W	3K/4K/5K
	350W	B5-U0-G5	2.92A	1.26A	160LM/W	3K/4K/5K
	400W	B5-U0-G5	3.33A	1.44A	160LM/W	3K/4K/5K
	450W	B5-U0-G5	3.75A	1.62A	160LM/W	3K/4K/5K
	500W	B5-U0-G5	4.16A	1.81A	160LM/W	3K/4K/5K

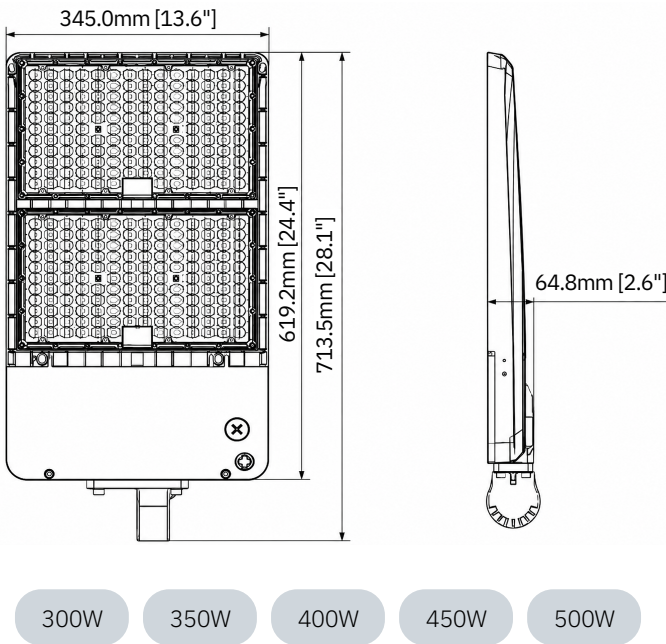
ELECTRIC CHARACTERISTIC

Product Ordering Guide

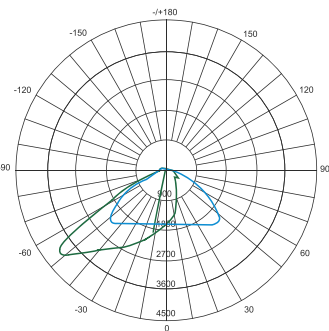


Specification/Model	AR09-24-500L-D5C3T3				
LED Driver	UL listed SOSEN Brand 0-10V dimmable				
Input power	300W	350W	400W	450W	500W
Lumens output	48000LM	56000LM	26000LM	72000LM	80000LM
Efficiency	160LM/W	160LM/W	160LM/W	160LM/W	160LM/W
CRI	>80	>80	>80	>80	>80
Color Temperature	3K/4K/5K	3K/4K/5K	3K/4K/5K	3K/4K/5K	3K/4K/5K
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

DIMENSIONS



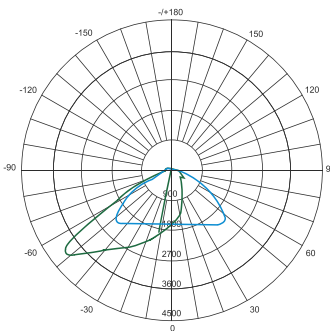
DISTRIBUTION DIAGRAM



Average Beam Angle(50%): 122°

Lumens:48000LM
Test Number:300W
Test Number:5000K

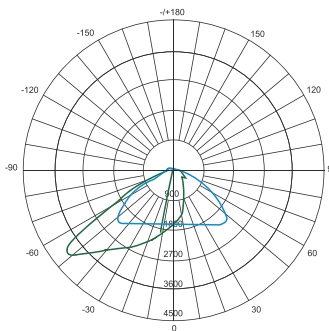
Unit:CD
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9



Average Beam Angle(50%): 122°

Lumens:56000LM
Test Number:350W
Test Number:5000K

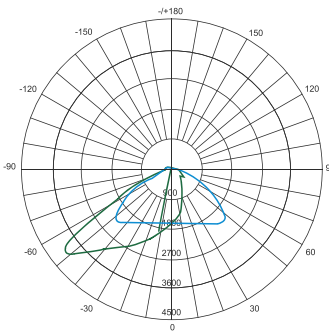
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C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9



Average Beam Angle(50%): 122°

Lumens:64000LM
Test Number:400W
Test Number:5000K

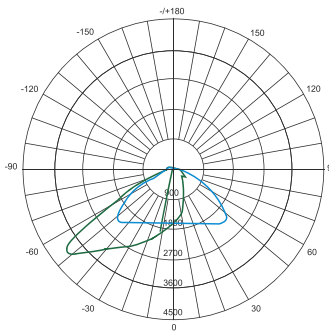
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C30/210,100.1
C60/240,108.6
C90/270,130.9



Average Beam Angle(50%): 122°

Lumens:72000LM
Test Number:450W
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:80000LM
Test Number:500W
Test Number:5000K

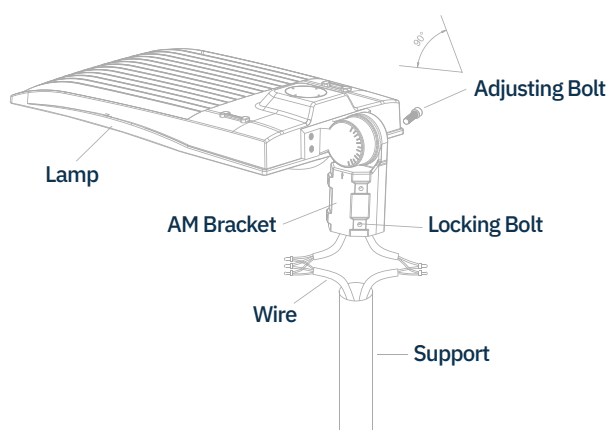
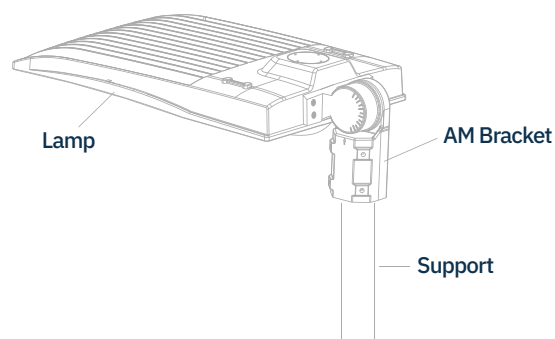
Unit:CD
C0/180,113.7
C30/210,100.1
C60/240,108.6
C90/270,130.9

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)

**Figure 1****Figure 2**

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