



LUMA MAX™

LED Area Light



LUMA MAX is our newest and most unique Area Light of 2025. This Area Light emits up to 80000 lumens with a color temperature of 3000K / 4000K / 5000K and various wattages ranging from 300W/350W/400W/450W/500W. This LED Area Light is designed to replace a 1000 Watt metal halide fixture. Furthermore, our LUMA MAX area light comes with a standard universal bracket. Our LUMA MAX Area Light can be simply installed in a variety of applications. LUMA MAX is a perfect solution primarily for outdoor applications such as lighting parking areas, loading docks and other general lighting applications.

Product Features

- Up to 160 lumens per watt
- Wattage Adj 300W/350W/400W/450W/500W
- CCT Adjustable 3000K / 4000K / 5000K
- Photocell dusk to dawn function available
- 0-10 Dimmable
- Die-Cast Aluminum Housing
- Input Voltage 120-277Vac
- UL & DLC Listed
- 5 Year Warranty

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SKU #	Model #	Wattage Adjustable	Lumens	CCT Adjustable	Housing	Input Voltage	Dimming	Certifications
157031	SB10-24-500L-S2D5C3T3	300W/350W/ 400W/450W 500W	80000Lm	3000K/4000K/ 5000K	Bronze	120V-277V	0-10V	UL & DLC

SKU: 157031

Specifications

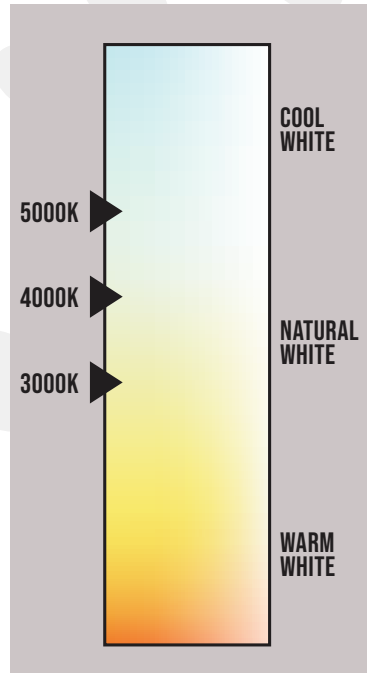
Parameter	Description	Value
General Performance	Model #	SB10-24-500L-S2D5C3T3
	Wattage Adjustable	300W / 350W / 400W / 450W / 500W
	Lumen	Up to 80000LM
	Lumen Efficacy	Up to 160LM/W
	Color Temperature	3000K / 4000K / 5000K
	CRI (Ra)	>80
	Distribution Pattern	N/A
	Beam Angle	T3
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimmable
	PF	<0.90
	Flicker Percent	Flicker Free
	Driver Brand	Sosen
	Driver Model	SS-240NH-E260BHBP
Physical	Surge Protector	L/N 6KV, L/N-P 6KV
	THD	≤20%
	Operating Temperature	-40°C TO 50°C
	Storage Temperature	-40°C TO 70°C
	Operating Humidity	10%RH-90%RH
	Storage Humidity	5%RH-95%RH
	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	1200 Pcs
	Housing	Die-cast aluminum
Qualification	Housing Color	Bronze
	IP Rating	Wet (IP65)
	Warranty	5 Year warranty



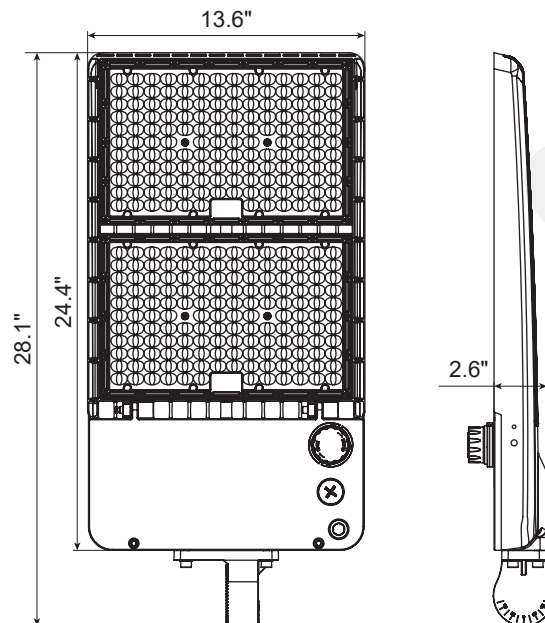
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Correlated Color Temperature (CCT)



Product Dimension



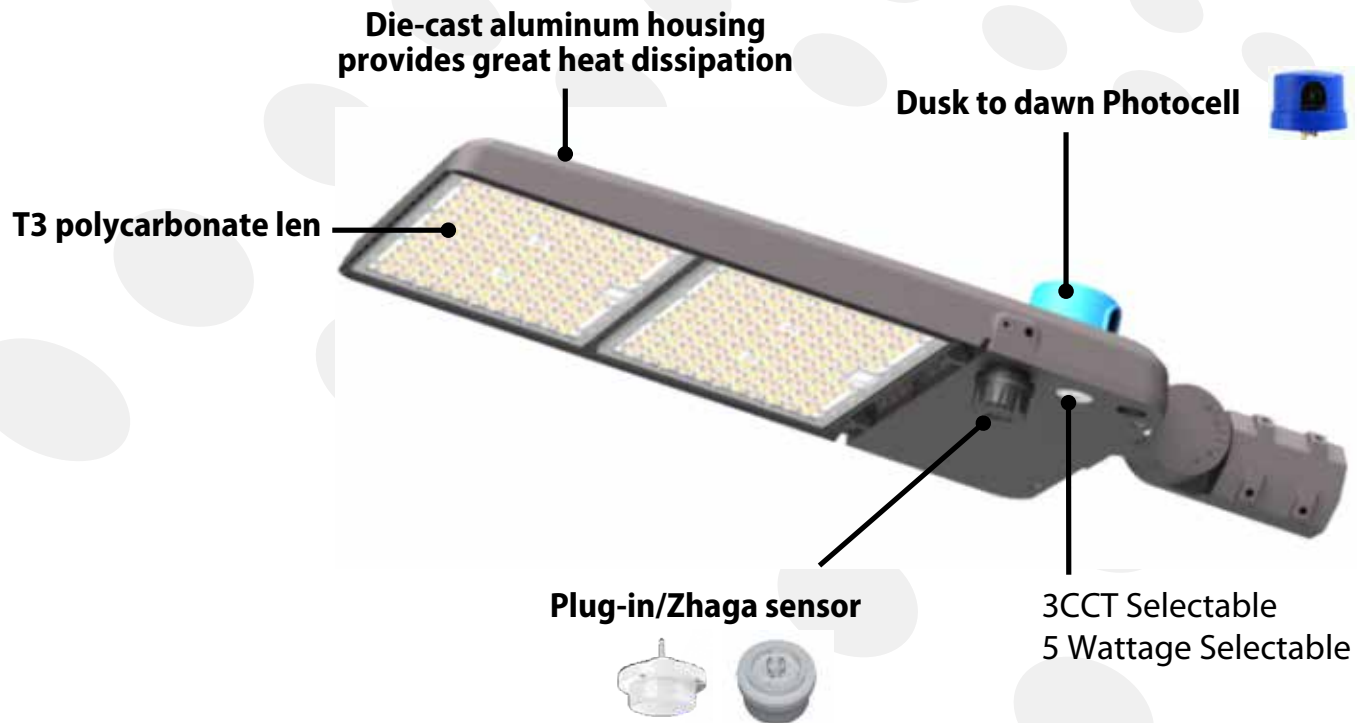
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LED Area Light



Dimensions

500W



LED AREA LIGHT



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Installation

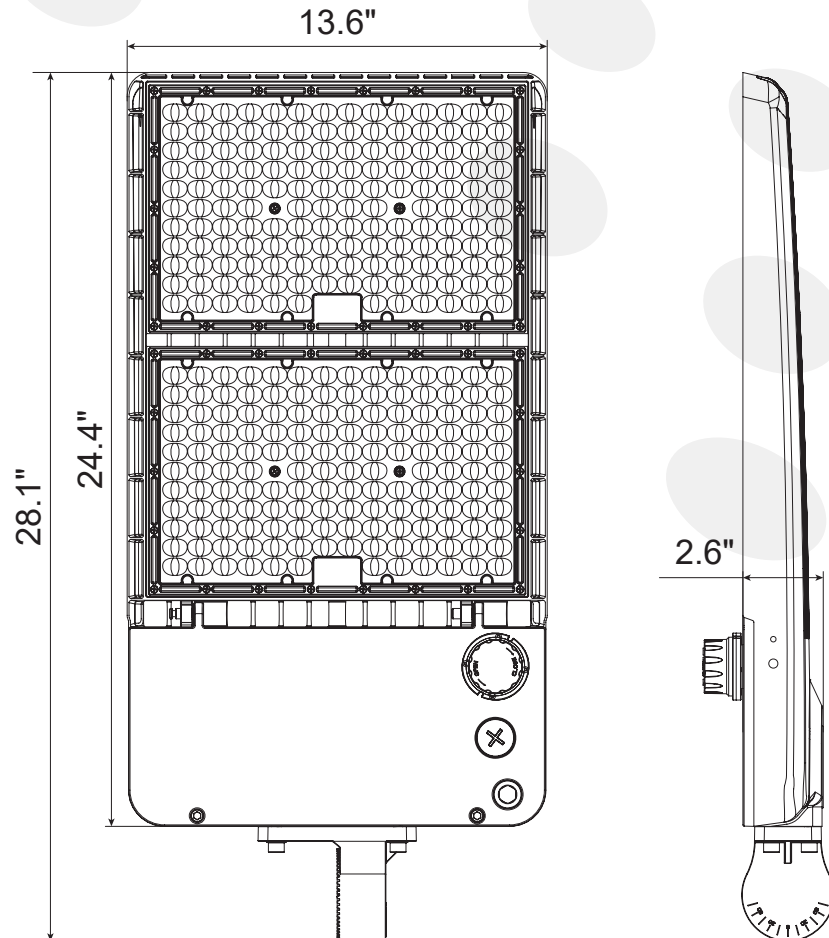
SAFETY INSTRUCTIONS

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

WARNING: TURN OFF POWER BEFORE INSTALLATION.

1. Review the diagrams before beginning, and make sure the fixture is grounded properly.
2. This fixture has to be installed or maintained in accordance with the application code by a professional person who is familiar with the construction and operation of the product and the hazards involved.
3. This fixture must be wired in accordance with the international electrical code and applicable local codes and ordinances.
4. Proper grounding is required to ensure personal safety. Carefully observe the correct grounding procedure under the installation section.
5. Check that the voltage is compatible with the fixture driver, and use approved connectors for all electrical connections.

DIMENSIONAL DRAWING:

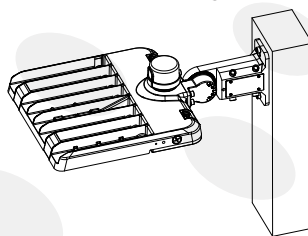
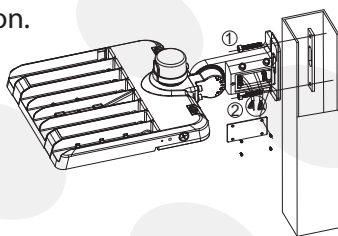




Installation

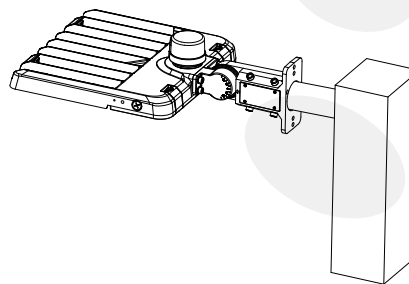
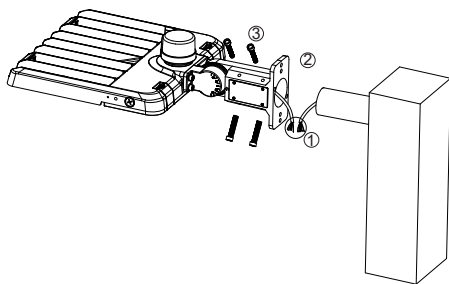
UNIVERSAL BRACKET MOUNTING ON SQUARE/ROUND POLE INSTRUCTIONS

1. Remove the bracket mounting screws on the fixture, open the side lid of the bracket, and pass the wires through the bracket. Install the bracket on the fixture.
2. Fix the universal bracket to the square pole with the bolt, pull all wires into the junction box, and connect the wires correctly.
3. Put the connected wires into the junction box, cover the side lid, and tighten it.
4. Same as round pole installation, please remember to use the adapting plate for round pole installation.



UNIVERSAL BRACKET MOUNTING INSERT ON ROUND POLE INSTRUCTIONS

1. Remove the spare parts from the universal bracket
2. Loosen the locking bolts on the universal bracket, connect the wires correctly, and pull the wires into the pole
3. Place the bracket into the pole and lock the four bolts





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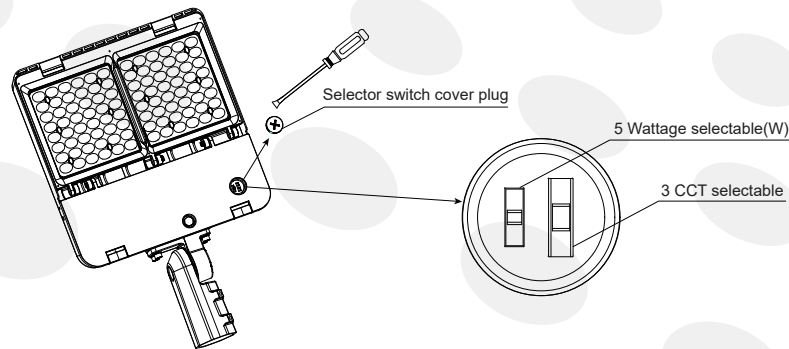
Installation

FUNCTION ADJUSTMENT

Follow the instructions below to change fixture Color Temperature (CCT), Power (W) option from the factory default settings before installation:

Factory Default Settings: Max wattage, 5000K.

1. Locate the Selector Switches on the front of the Housing as shown in the figure and remove the Selector Switch Cover Plug.
2. Select Color Temperature (CCT), Power (W) position by sliding the respective switch to the desired value.
3. Replace the Selector Switch Cover Plug. Tighten the plug to prevent water.



MAINTENANCE AND CLEANING

WARNING: TURN OFF POWER BEFORE MAINTENANCE AND CLEANING.

1. Before touching the fixture, make sure the fixture is cooling.
2. Do not clean or maintain while the fixture is energized.
3. Clean the lens & fixture with a non-abrasive glass cleaning solution.
4. Do not open the fixture to clean and touch LED chips.

CONNECTION DIAGRAM

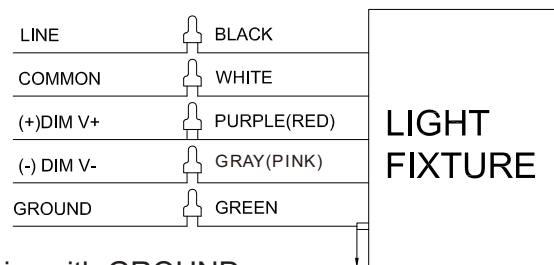
WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.

Black wire connects to L, White wire connects to N, Green wire connects to GROUND.

For 0-10V dimming, the wiring direction is as below:

1. Turn off the power.
2. Connect the BLACK wire with the LINE.
3. Connect the WHITE wire with the COMMON.
4. Connect the GREEN wire with the GROUND.
5. Connect the PURPLE wire with the (V+) DIM.
6. Connect the PINK wire with the (V-) DIM.

CAUTION: DO NOT connect the PINK (-) DIM V - wire with GROUND.



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Packaging

SKU	Size (Inches)	Qty	Net Weight	Gross Weight
157031	35.27 x 17.71 x 5.11	1	20.3 LBS	23.0 LBS

Application Image



LED AREA LIGHT



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Application Image



Warranty

5 Year warranty