



AREA LIGHT - SENSOR READY G5 SHOE BOX

JAYKAL

PROJECT NAME:	JAYKAL LED SOLUTIONS, INC. www.jaykal.net 21499 Baltimore Ave. Georgetown, DE 19947 (P) 302-295-0015 (F) 302-295-0016
PROJECT NOTES:	

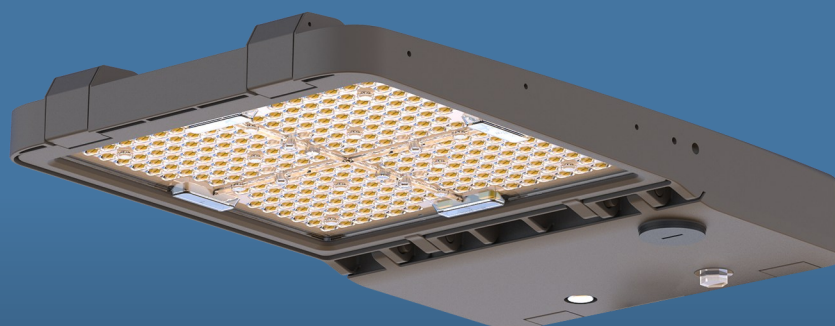
PRODUCT DESCRIPTION

Jaykal's LED Area Lights are ideal for retrofitting shoebox parking lot fixtures and other large areas requiring general lighting. They offer multiple distribution patterns for secure and efficient facility illumination.

Wattage and color selectability is standard, allowing field tuning to meet changing project requirements. It featuring four wattage presets and three color presets and is DLC listed.

FEATURES

- Wattage Selectable: From 50W to 500W
- CCT Selectable: 3000K/4000K/5000K
- 100-277VAC & 277-480VAC Input Voltage Options
- 0-10V Dimming Standard
- Photocell Optional
- Sensor Optional
- Various Mounting Brackets



ETL CLASSIFIED



Revised 3/13/25

Specifications are typical values and may change without notification

efficiency. illuminated.



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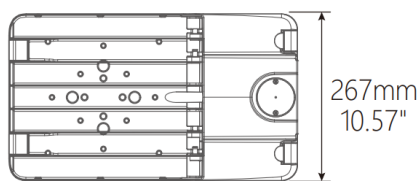
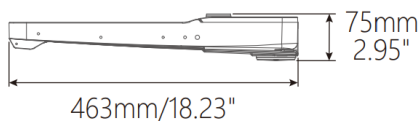
SPECIFICATIONS TABLE

JLS-G5SB

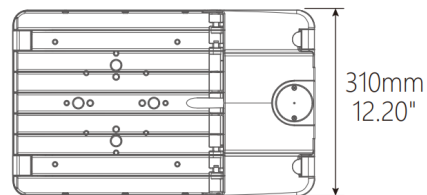
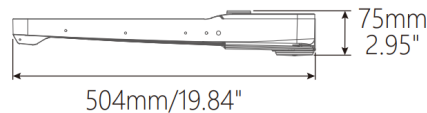
INPUT VOLTAGE	100-277VAC 50-60HZ / 277-480VAC 50-60HZ						
TYPE	M1	M2	M3	M4	M5	M6	M7
WATTAGE	50/65/80/100W	80/100/120/150W	100/120/150/200W	120/150/200/240W	150/200/240/300W	200/240/300/400W	240/300/400/500W
EFFICACY	160lm/W @40K						
LUMENS	8,000/10,400/12,800 /16,000	12,800/16,000/19,200 /24,000	16,000/19,200/24,000 /32,000	19,200/24,000/32,000 /38,400	24,000/32,000/38,400 /48,000	32,000/38,400/48,000 /64,000	38,400/48,000/64,000 /80,000
BUG RATING@TYPE III	B3-U3-G3	B4-U3-G4	B4-U3-G4	B4-U3-G4	B5-U3-G5	TBD	TBD
POWER FACTOR	>0.9						
THD	<20%						
L70 HOURS	>50,000 Hours						
CRI	>70						
CCT PRESETS	3000K / 4000K / 5000K Selectable						
DIMMING	0-10V Dimming						
0-10V SINK	<5Ma						
SPD	6KV						
OPERATING TEMP.	-40°C - 45°C						
IP RATING	WET LOCATIONS (IP66)						
IK RATING	IK09						
EPA	1.54ft ²		1.95ft ²			2.93ft ²	
N. W (kg/ lbs.)	3.26kg±0.5 (7.19lbs±1.1)		3.94kg±0.5 (8.69lbs±1.1)			6.41kg±0.5 (14.13lbs±1.1)	
DIMENSIONS	463*267*75mm 18.23*10.57*2.95in		504*310*75mm 19.84*12.20*2.95in			630*371*79mm 24.80*14.61*3.11in	
HOUSING	Die-casting Aluminum						
LENS	Polycarbonate						
WARRANTY	5 Year Standard Warranty, 10 Year Optional						
CERTIFICATIONS	UL/DLC/CE/ROHS						

DIMENSIONAL DRAWINGS (Unit : mm/inch)

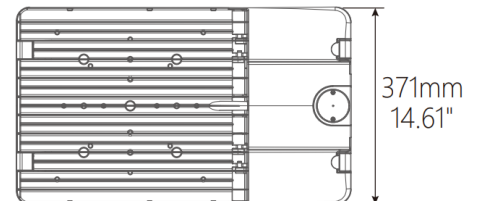
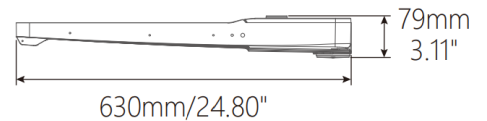
M1 & M2 & M3



M4 & M5



M6 & M7



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ORDERING GUIDE		EXAMPLE: JLS-G5SB-M2-277-7MCCT-BR-SF-T3-TAA						
MODEL	WATTAGE	VOLTAGE	CCT	COLOR	MOUNTING OPTIONS	DISTRIBUTION	TAA CERTIFICATION	
JLS-G5SB	M1 = 50/65/80/100 M2 = 80/100/120/150 M3 = 100/120/150/200 M4 = 120/150/200/240 M5 = 150/200/240/300 M6 = 200/240/300/400 M7 = 240/300/400/500	277 = 100-277VAC 480 = 277-480VAC	7MCCT = 3000K/4000K/5000K	BR = Bronze	SF = Slip Fitter bracket EA = EA Bracket YK = Yoke Bracket TR = Trunnion Bracket MB = 4-in-1 Multiple Bracket	T2 = Type II T3 = Type III T4 = Type IV T5 = Type V	[TAA]	

BASIC CONTROLS

DESCRIPTION	MODEL NUMBER
3-PIN Photocell, Includes NEMA 3-Pin Receptacle	JLS-NEMA-PC
NEMA Receptacle. 3-PIN to 5-Pin Upgrade. Expandable to DALI or 0-10V Dimming	JLS-NEMA-5P-RECEPTACLE
NEMA Receptacle 3-PIN to 7Pin Upgrade. Allows the use of NEMA Based Control Systems	JLS-NEMA-7P-RECEPTACLE
Motion Sensor	JLS-LL-EFS07-AUX.B1
Programming Remote	JLS-LL-RM51



3-PIN NEMA



5-PIN NEMA



7-PIN NEMA

LumaLinx ENHANCED

High Bay Long Range Sensor	JLS-LLE-EFS106-AUX-W.B1
Coverage @ 40ft height: Diameter 80ft	JLS-LLE-WHBL1-2-B (Wet Listed)
0-10v Dimming 3.5mm jack, LR Antenna Round Waterproof Controller Node	JLS-LLE-WPPA102-AUX-W.B1



JLS-WPPA102-AUX-W.B1



JLS-LLE-HBL SERIES LENS



JLS-LLE-EFS106-W-AUX.B1

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Accessories of Mounting Brackets



SF Bracket



EA Bracket



YK Bracket

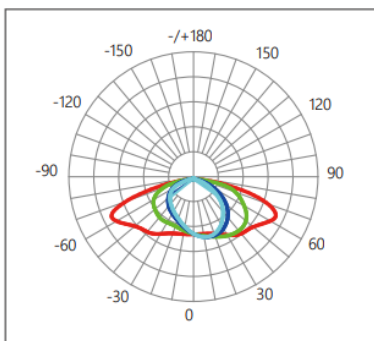


TR Bracket

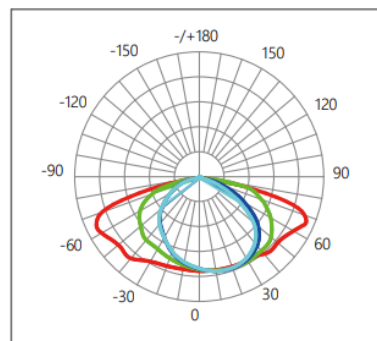


4-in-1 Multiple Bracket

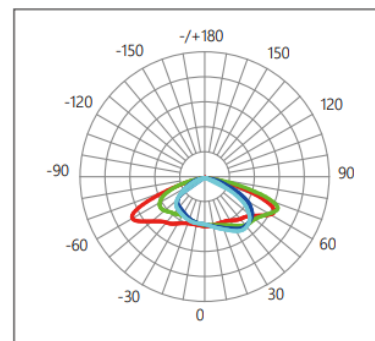
Photometric Diagrams



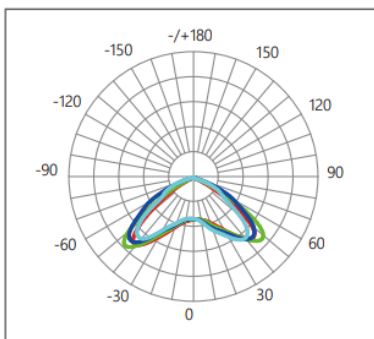
T2



T3



T4



T5

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Tool-Free Quick Replacement

The driver box and optical lens can be opened without tools. This is very convenient for the later maintenance of the power supply or change optical lens, saving time and costs for maintenance.



Change Lighting Angle By Changing Lens Direction

By being able to easily swap out lenses, installer can adjust the lighting options based on customer demands without having to stock multiple variations of the entire light fixture.

This flexibility can help streamline inventory management and reduce costs associated with excess inventory.



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