

# 25W-80W LED SOLAR STREET LIGHT



**JAYKAL**

PROJECT NAME:

**JAYKAL LED SOLUTIONS, INC.**

[www.jaykal.net](http://www.jaykal.net)

PROJECT NOTES:

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## FEATURES & BENEFITS

- ◆ Integrated Design, Excellent Heat Dissipation
- ◆ Pyrolytic Finish Coating, Suitable for Harsh Outdoor Environments
- ◆ Connection Port for Additional Solar Panel
- ◆ High Performance Optical Design
- ◆ Compliance with National Road Lighting Standards
- ◆ Wi-Fi Gateway Setup and Control
- ◆ Body Color Can be Customized



**RoHS**   
Compliant

Revised 3/17/21

*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

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## SPECIFICATIONS TABLE

MODEL	JLS68103-SS-25	JLS68103-SS-35	JLS68103-SS-45	JLS68103-SS-80
WATTAGE	25W	35W	45W	80W
DIMENSIONS (L x W x H)	29.52L x 12.99W x 3.93H	34.17L x 19.29W x 4.56H		41.33L x 19.29W x 4.56H
INSTALLATION HEIGHT	13~16 Ft.	20~26 Ft.		26~33 Ft.
INSTALLATION SPACING	60~66 Ft.	66~82 Ft.		98~115 Ft.
WEIGHT	22lbs.	44lbs.		55lbs
PHOTOVOLTAIC POWER	50W	80W		100W
SOLAR WAFER TYPE	High Efficiency Monocrystalline Silicon			
LEDS	Cree SMD 3030			
L70(LIFE)	>182,000 hrs.			
CRI	>70			
LUMENS	3,750	5,250	6,750	12,000
GROUND ILLUMINATION	>15 Lux	>20 Lux	>25 lux	>40 lux
BATTERY TYPE	High-Capacity Long-Life Lithium-Ion battery			
BATTERY CAPACITY	12V/30AH	16V/40AH	16V/50AH	16V/100AH
CHARGING TYPE	MPPT Solar Maximum Power Tracking Technology			
ENVIRONMENT	-30° to +70° Celsius			
PROTECTION	IP66			
CONSECUTIVE RAIN DAYS	3-5 Days Dependent upon Location			
ELECTRICAL PROTECTION	Photovoltaic Overvoltage Protection, Charge Limit Power Protection, Over-Temperature Protection, TVS Lightning Protection			
PRODUCT LISTINGS	CE,FCC,IP66,ROHS			
SMART 5-LEVEL DIMMING MODE	•	•	•	•
MICROWAVE SENSOR	•	•	•	•
IOT LIGHTING CONTROL	•	•	•	•
INFRARED REMOTE CONTROL	•	•	•	•
SOLAR PANEL EXPANSION PORT	•	•	•	•

## ORDERING GUIDE

Example: JLS68103-SS-80-40K

MODEL	-	WATTAGE	-	CCT	-	FINISH
JLS68103-SS		25 = 25 Watt 35 = 35 Watt 45 = 45 Watt 80 = 80 Watt		30K = 3000K 40K = 4000K 50K = 5000K		G = Gray C = Custom

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**efficiency. illuminated.**