PIOLED LIGHTING
SINCE 2008

2 YEAR WARRANTY





Karu Solar Floodlight

100W

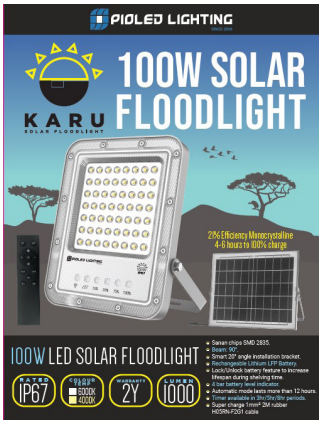
Applications:
Residential and Commercial Applications.

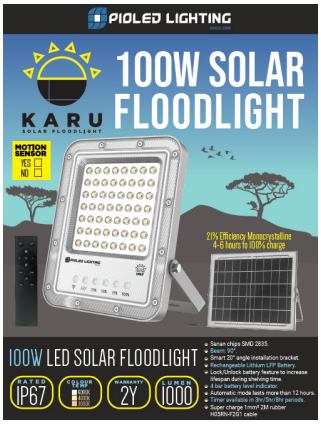
- Lithium LFP Battery powered LED Solar Flood available in wattages of 100W & 200W.
- Die-Cast Aluminium body serving as an effective heatsink whilst providing added protection to the housing.
- 8m range controller with multiple setting selections. Timer for 3/5/8hrs usage or an Automatic Mode which will allow for 12hrs usage.
- 4-bar battery level indicator allowing you to see how much charge your battery has stored. The batteries can also be changed out at a later stage if required.
- 2m Standard Installation Cable with an additional 3m available as an accessory, ensuring your floodlights installation can be in even the most complex places.
- 21% efficiency Monocrystalline solar panels and 1.0mm² thick cable allowing for a faster charge with a longer lifespan, even in cloudy days.
- Lock/Unlock battery setting to preserve the battery during shipping and throughout its shelf-life.

Product Performance	
Wattage	100W
Colour Temperature & Stock Code	• 6000K - **FS003** / 4000K - **FS004** • 6000K Motion Sensor - **FS003S** • 4000K Motion Sensor - **FS004S** • 3000K Motion Sensor - **FS002S**
Operating Temperature	-25~45°C
Life Span/ LB Rating	-
IP Rating	IP67
Beam Angle	90°
Impact Protection Grade	IK06
Input Voltage	4.5-6.5V
Surge Protection	-
CRI	>70
Lumen Output	1000 Lumens
LED Chips	2835
LED Chips Qty	56
LED Chip Brand	Sanan
Dimmable	Yes by Remote Control
Dimmable Range	-
(Dali/Trailing/Leading)	-
UGR	-
Physical Characteristics	
Weight (g)	1160
Housing Material	Aluminum
Product Dimensions (mm)	188*40*259mm
Cable Length	200cm
Mounting Option	-
Bracket Material	Iron
Bolts and Screws	Stainless steel

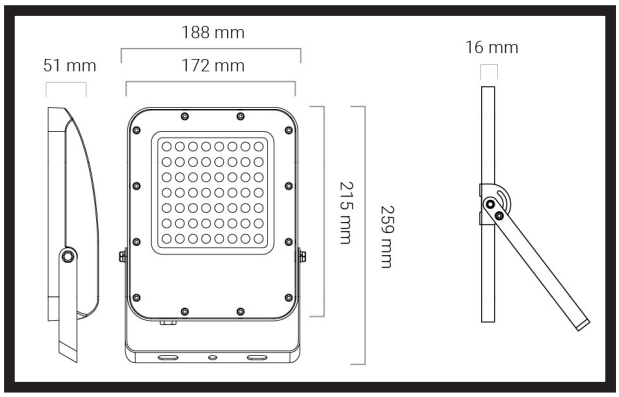
Packaging

Motion Sensor Version





Dimension Drawing



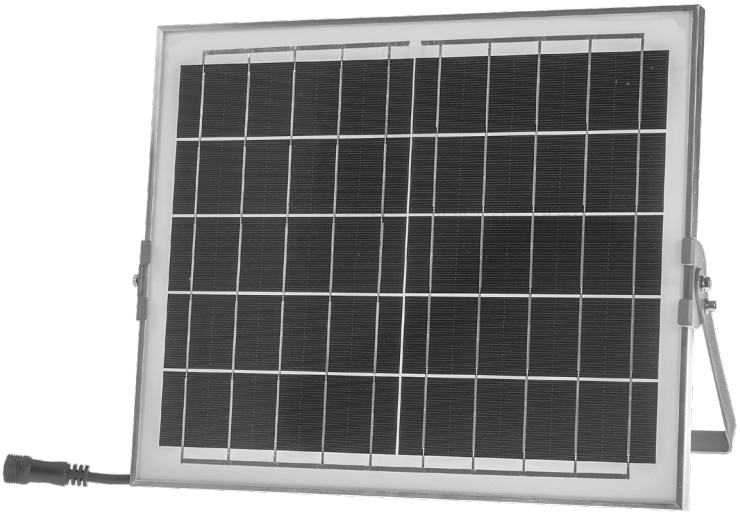
Technical Parameters	
Input Current	3A
Output Voltage	4.5-5V
Flicker(Y/N)	No Flicker
Humidity	0~35°C
Frequency	-
In Rush Current	-
Output Current	2.5A
THD	-
TA & TC	90&85
IES (Yes or No)	No
Regulatory Qualifications	
Class Rating	Class III
Energy Efficiency	A
Certification	CE, EMC, MSDS, UN38.3
Accessories	
Optional accessories	FS010 -3M 1.0mm² Cable
Packaging info	
Storage Temp	20~+45°
Carton Size (mm)	41.5*32*28.5
QTY/CTN	10
Net Weight	13.60
Gross Weight	15.15

PIOLED LIGHTING
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Karu Solar Panel

15W

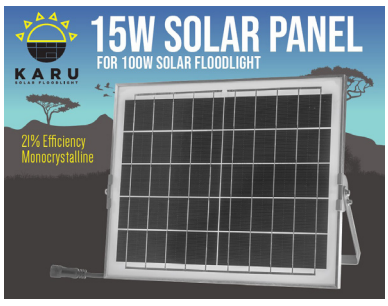


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Product Performance	
Wattage	15W (21% efficiency Monocrystalline solar panel)
Stock Code Code	FS003P
Operating Temperature	0~35°C
IP Rating	IP65
CRI	>70
Physical Characteristics	
Weight (g)	1260
Product Dimensions (mm)	350*350*16mm
Bracket Material	Iron
Bolts and Screws	Stainless steel
Output Voltage	6V
Flicker(Y/N)	No Flicker
Humidity	0~35°C
Output Current	2.5A
TA & TC	90&85
Energy Efficiency	A
Packaging info	
Storage Temp	20~+45°
Carton Size (mm)	38*27.5*32.5
QTY/CTN	10
Net Weight	10.47
Gross Weight	12.35

Packaging



Dimension Drawing

