



Guardian Solar Floodlight

50W



Applications:

Residential and Commercial Applications.

- Sleek, Multi-Purpose Solar Motion Sensor LED Floodlight, available with 3 x pre selectable settings.

- Built in Day/Night Sensor Setting to ensure longevity and ultimate performance of the luminaire throughout the evening.

- Replaceable Lithium ION LFP battery providing a long term solution with spare components.

- 120° Beam Angle for maximum area coverage allowing for a reduced number of luminaires to be installed.

- A wide detection range of up to 8m ensuring that movement is detected at a distance providing better security coverage.

- Quick & Easy installation with our Smart mounting bracket allowing you to aim the light precisely where required.

- Sleek Slim design that will complement the architecture of many buildings.

Three Motion Sensor

Modes Available:

- 0% brightness standby & 100% with Motion.
- 15% brightness standby & 100% with Motion.
- 0% brightness standby & Flash/Pause Mode (Security Feature) with Motion.

Product Performance

Wattage	Guardian 50W = AC 5W
Colour Temperature & Stock Code	• 6000K - FS201
Operating Temperature	-25~45°C
Life Span/ LB Rating	-
IP Rating	IP65
Beam Angle	120°
Impact Protection Grade	IK06
Input Voltage	3.7V
Surge Protection	-
CRI	>70
Lumen Output	600 Lumens
LED Chips	2835
LED Chips Qty	15
LED Chip Brand	Sanan
Dimmable	No
Dimmable Range	-
(Dali/Trailing/Leading)	-
UGR	-

Physical Characteristics

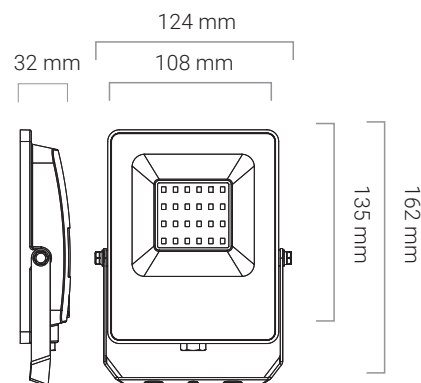
Weight (g)	860
Housing Material	Die-cast aluminum
Product Dimensions (mm)	108*135*32
Cable Length	100cm
Mounting Option	-
Bracket Material	Iron
Bolts and Screws	Stainless steel



Packaging



Dimension Drawing



Technical Parameters

Input Current	0.9A
Output Voltage	3V
Humidity	0~35°C
Frequency	-
In Rush Current	-
Output Current	0.9A
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	-
Packaging info	
Storage Temp	20~+45°
Carton Size (mm)	37.5*37.5*28.5
QTY/CTN	10
Net Weight	8,80
Gross Weight	10,60



Guardian Solar Panel

3W

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Product Performance

Wattage 3W (21% efficiency Monocrystalline solar panel)

Stock Code Code -

Operating Temperature -25~45°C

IP Rating IP65

Physical Characteristics

Housing Glass

Weight (g) 501

Product Dimensions (mm) 133*218*48

Bracket Material Iron

Bolts and Screws Stainless steel

Input Voltage 4.5-6.5V

Output Voltage 3V

Cable Length 50cm

Humidity 0~35°C

Output Current 0.9A

TA & TC 90&85

Energy Efficiency A

Packaging info

Storage Temp 20~+45°

Packaging



Dimension Drawing

