



Guardian Solar Floodlight

100W

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 100W = AC 10W
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Colour Temperature & Stock Code	• 6000K - FS204
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Operating Temperature	-25~45°C
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Life Span/ LB Rating	-
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IP Rating	IP65
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Beam Angle	120°
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Impact Protection Grade	IK06
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Input Voltage	3.7V
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Surge Protection	-
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CRI	>70
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Lumen Output	1200 Lumens
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LED Chips	2835
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LED Chips Qty	24
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LED Chip Brand	Sanan
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Dimmable	No
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Dimmable Range	-
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(Dali/Trailing/Leading)	-
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UGR	-
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Physical Characteristics

Weight (g)	1080
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Housing Material	Die-cast aluminum
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Product Dimensions (mm)	121*151*32
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Cable Length	100cm
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Mounting Option	-
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Bracket Material	Iron
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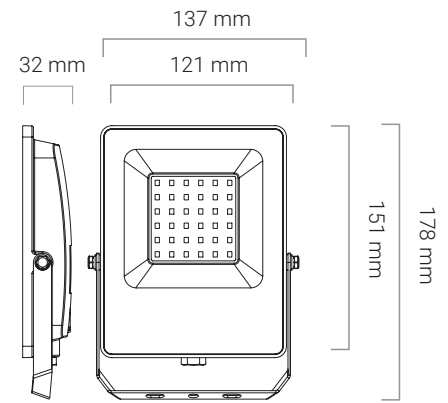
Bolts and Screws	Stainless steel
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Packaging



Dimension Drawing



Technical Parameters

Input Current	1.8A
Output Voltage	3V
Humidity	0~35°C
Frequency	-
In Rush Current	-
Output Current	1.8A
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)	42.5*29.5*28.5
QTY/CTN	8
Net Weight	8,70
Gross Weight	10,40



Guardian Solar Panel

6W

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Product Performance

Wattage 6W (21% efficiency Monocrystalline solar panel)

Stock Code Code -

Operating Temperature -25~45°C

IP Rating IP65

Physical Characteristics

Housing Glass

Weight (g) 645g

Product Dimensions (mm) 188*240*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 1.8A

TA & TC 90&85

Energy Efficiency A

Packaging info

Storage Temp 20~+45°

Packaging



Dimension Drawing

