Solar Floor Tile

New green building materials
Create low-carbon lighting attractions

GAIN SOLAR

◎ Designed for landscaping and ground night scene lighting

◎ With the functions of power generation, lighting, energy storage, etc., which can meet the electricity demand for landscape lighting all night.

◎ It is suitable for square ground, sidewalk ground, building lighting, curtain wall decoration; residential area, commercial square lighting; cultural landscape, tourist attractions decoration blocks and other places.

★ High-strength explosion-proof, compression resistance , high and low temperature resistance, UV resistance, can also generate electricity at -40℃

★ Good sealing, dustproof and waterproof

★ High sensitivity, built-in colorful LED lights, intelligent control stepless dimming

★ With energy storage, simple wiring, easy installation

★ Rich colors, multiple textures, beautify the urban environment

★ Building material grade standard, long service life

★ Appearance and size can be customized
Appearance can be customized:
Color system: gray, blue, red, yellow colors are optional
Texture series: a variety of imitation stone texture optional
Size can be customized: maximum 1.2*0.4, minimum 0.4*0.4

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Electrical

Dimensions	400×400×75mm	1200×400×75mm
Power output	2.6W	5.2W
Module eficiency	13W	26W
Module voltage	15V	15V

OPERATING CONDITIONS

Dimensions	400×400×75mm	1200×400×75mm
System Voltage	DC11.1V	DC11.1V
Operating Temperature	-25-50℃	-25-50℃
Output Voltage	DC10-12.6V	DC10-12.6V
Light Source Life	50000h	50000h
Control Mode	Trample sensor	Trample sensor
Operating Hours	12h (Battery fully charge)	12h (Battery fully charge)

PHYSICAL PARAMETERS

Dimensions	400×400×75mm	1200×400×75mm
Material	201 Stainless steel + tempered laminated glass	201 Stainless steel + tempered laminated glass
Glow angle	120 degrees	120 degrees
LED color	Single blue, single white, single green, single yellow, etc	Single blue, single white, single green, single yellow, etc
Components of the system	Photovoltaic module, LED full-color light strip, metal shell, DMX controller	Photovoltaic module, LED full-color light strip, metal shell, DMX controller
Lighting method	Trample sensor+time control	Trample sensor+time control

APPEARANCE TEXTURE (IMITATION STONE TEXTURE CAN BE CUSTOMIZED)
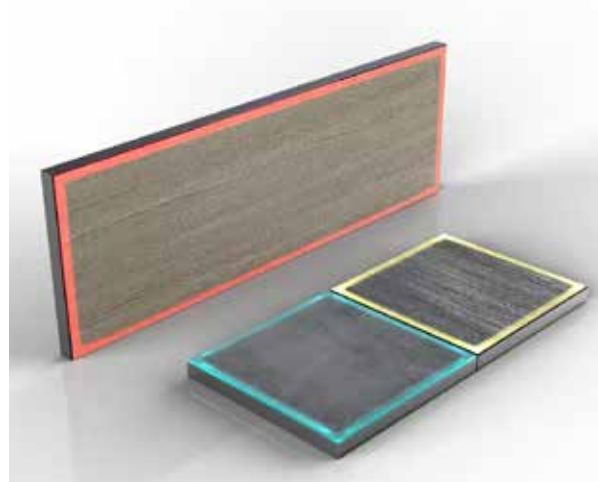

GLOWING LIGHT WITH COLOR (CAN BE CUSTOMIZED)

Due to continuous innovation, research and product upgrades, the contents of this product data sheet are subject to change without prior notice. These contents may be subject to slight deviations and their contents are not guaranteed.

These figures are not for a single component, nor are they part of the sale, they are only used to compare components of different models.

QUALIFICATIONS AND CERTIFICATIONS

IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.

Exhibition

Project Case

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