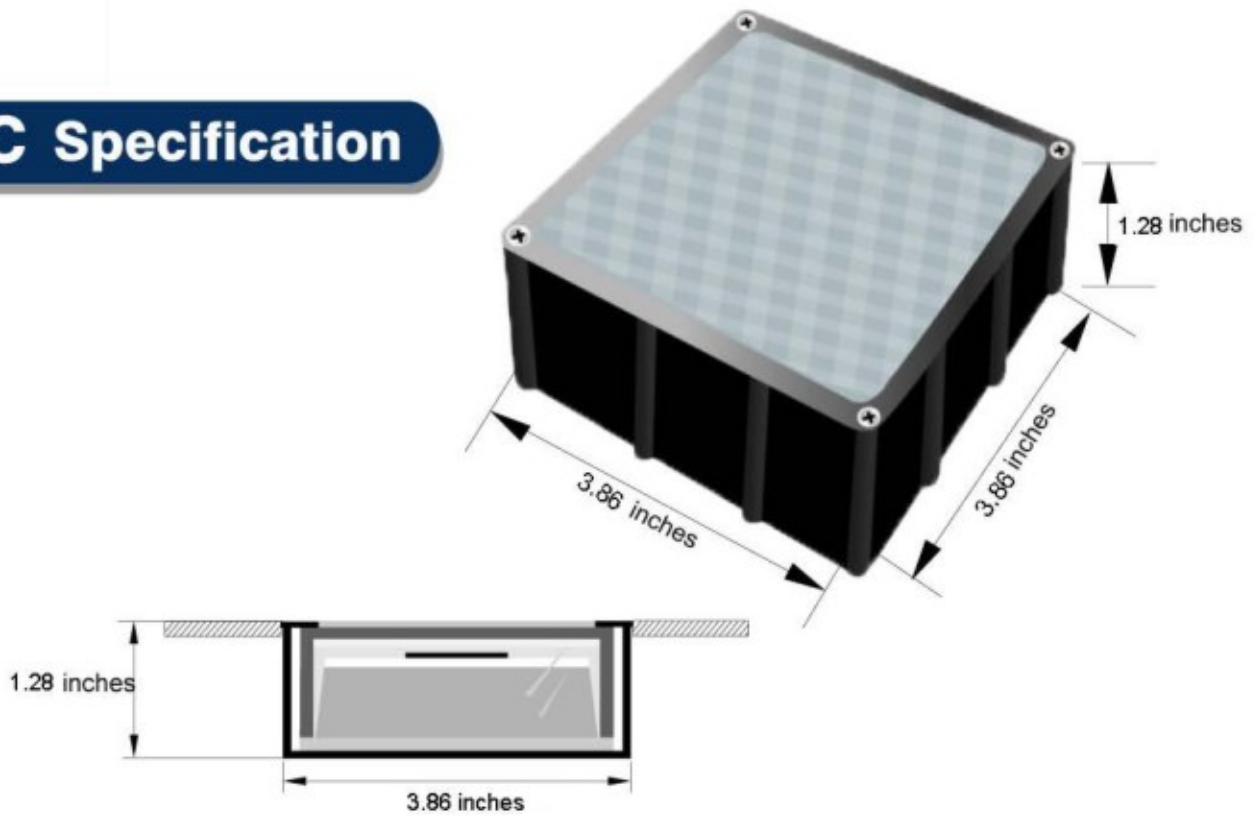


SH140C Specification



Solar-powered Brick

General

Size	Edge length: 3.86 inches / 98mm Height: 1.28 inches / 32.5mm
Weight	1.01 lbs / 0.46 Kgs
Housing	Stainless Steel(SUS304), cast aluminum
Lens	Bayer super light-permeability PC
Lighting output	Permanent
LED pcs	4 pcs

Operational

Switch	Auto
Operation time	Up to 10 hours(Sunny day) 4~6 hours(Cloudy day)
Full charge time	6 hours

Environmental

Compressive Strength	9902lbs (minimum) / 4456 Kgs
Operating Temperature	-4°F~140°F/-20°C~60°C
Storage Temperature	-13°F~176°F/-25°C~80°C
Moisture Protection	IP68

SH140C Specification

Solar-powered Brick

LEDs

LED life time*	100000 hours
LED intensity (mcd)*	3000~7000 mcd
LED luminance (Lux)*	30-300Lux
LED power consumption (W)*	1.8V-3.3V

*Remark : Specifications item depend on LED colors.

Solar Panel

Type	Crystalline panel 2V 200mA
Efficiency	12%~15%

Power storage

Type	Ultracapacitor 2.3V 360F
Life Time	10 years

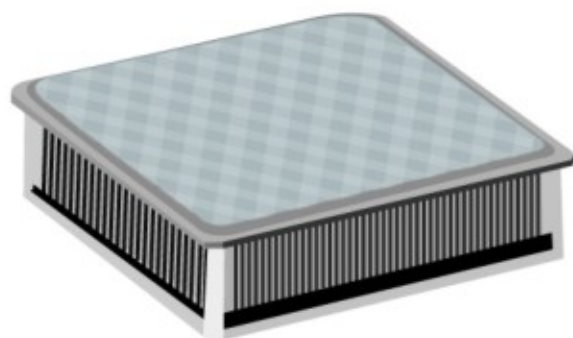
Listing

Certification	CE, RoHS
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Color

● White	SH-140C-W
● Yellow	SH-140C-Y
● Red	SH-140C-R
● Blue	SH-140C-B
● Green	SH-140C-G

SH140 Solar Brick Light Instruction Manual

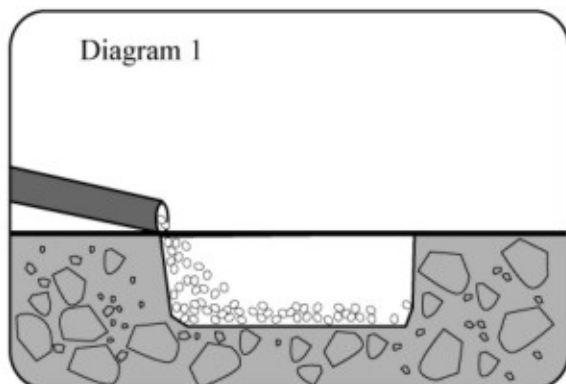


Solar brick light SH140 is one of the newest high-tech solar light, combining completely high efficiency solar cell, super lum LED, anti high temperature storage batteries, automatic control circuit, reasonable structure, it has advantages of green environment-friendly, nice design, safety, easy using, and working automatically. It is suitable to install in various locations such as square, road, park, dock, garden, bridge etc. as decoration illumination.

In daytime when sunlight irradiate surface of the light, the solar panel inside the light convert the sunlight into electric energy and charge its storage component, when it is dark, the light automatically turn on and lighten.

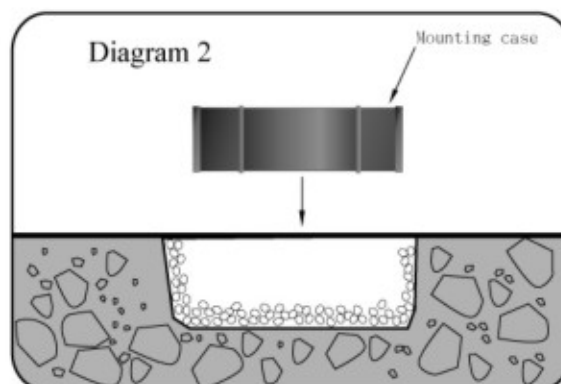
Installation method

Diagram 1



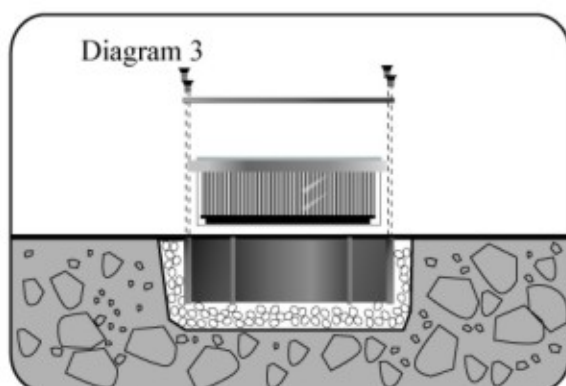
1. Dig a hole on the ground and grout it.

Diagram 2



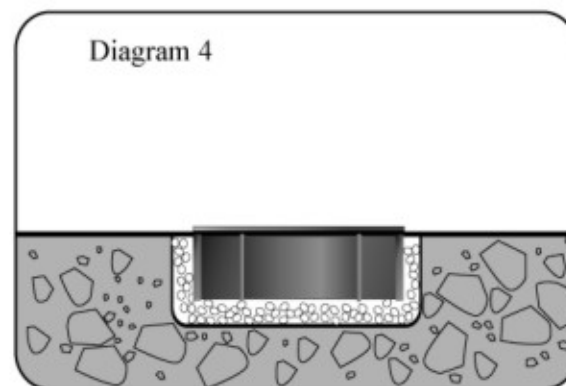
2. Put the mounting box inside the hole and level it with ground..

Diagram 3



3. After the grout become hard, put the light inside the mounting box and fix them together with 4 pieces of stainless steel bolt.

Diagram 4



4. The installation has been completed.

Remark: we put a little magnet on the brick in order to save power of the battery inside during long distance transport and storage. When user install the brick, just remove the magnet and the brick will work automatically.