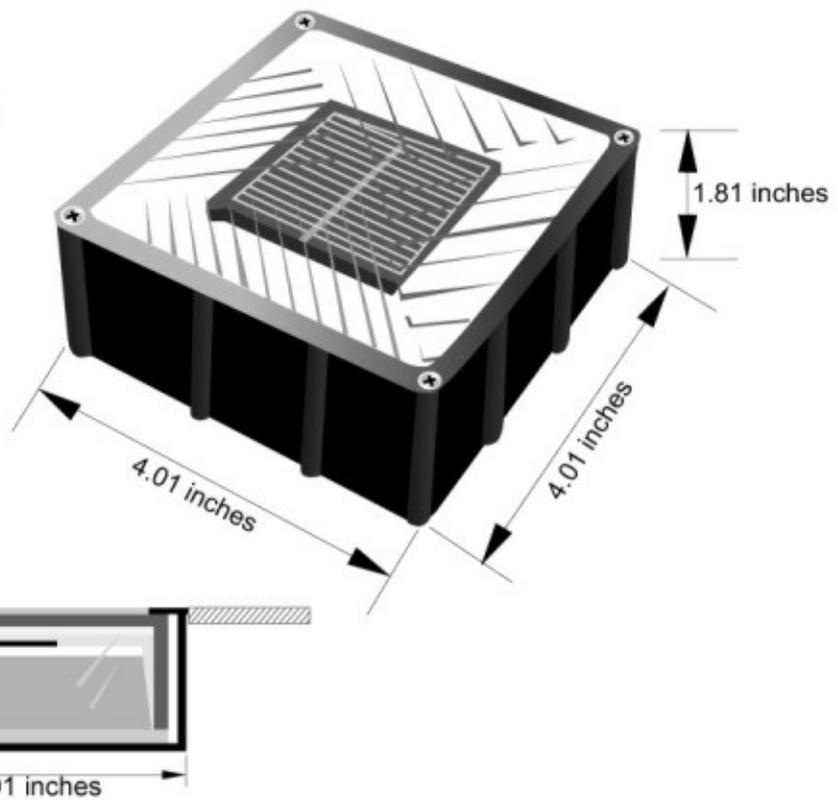


SH130C Specification



Solar-powered Brick

General

Size	Edge length: 4.02 inches / 102 mm Height: 1.69 inches / 43mm
Weight	0.968 lbs / 0.44 Kgs
Housing	Stainless Steel(SUS304), cast aluminum
Lens	Bayer super light-permeability PC
Lighting output	Permanent
LED pcs	4 pcs

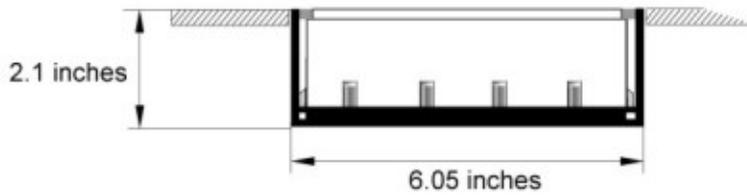
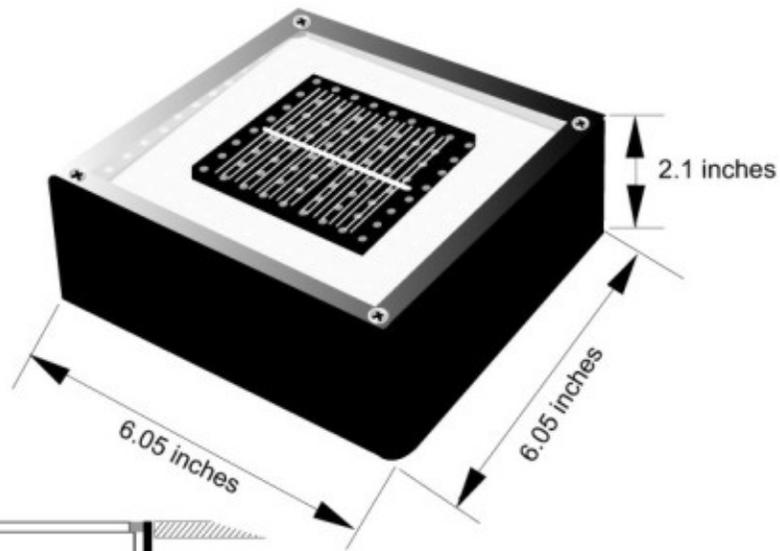
Operational

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

SH170C Specification



Solar-powered Brick

General

Size	Edge length: 6.05 inches / 154mm Height: 2.1 inches / 53mm
Weight	2.42lbs / 1.1 kgs
Housing	Stainless Steel(SUS304), cast aluminum
Lens	Bayer super light-permeability PC
Lighting output	Permanent
LED pcs	8 pcs

Operational

Switch	Auto
Operation time	Up to 12 hours(Sunny day) 4~6 hours(Cloudy day)
Full charge time	6 hours

Environmental

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

SH130C 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
---------------	----------

Color

● White	SH-130C-W
● Yellow	SH-130C-Y
● Red	SH-130C-R
● Blue	SH-130C-B
● Green	SH-130C-G

SH170C 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 480F
Life Time	10 years

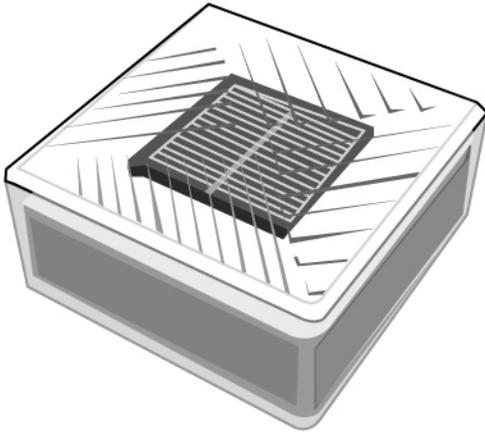
Listing

Certification	CE, RoHs
---------------	----------

Color

 White	SH-170C-W
 Yellow	SH-170C-Y
 Red	SH-170C-R
 Blue	SH-170C-B
 Green	SH-170C-G

SH130 Solar Ground Light series Instruction Manual

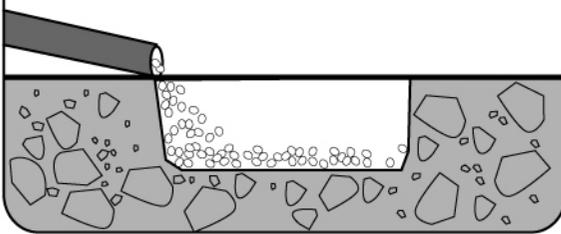


Solar brick light SH130 is one of the newest high-tech solar light, it has advantages of green environment-friendly, nice design, safety, easy using, and working automatically. It is suitable to install in various locations such as square, road, park, dock, garden, bridge etc.

In daytime when sunlight irradiate surface of the light, the solar panel inside the light converts the sunlight into electric energy and charges its storage component, when it is dark, the light automatically turns on and lightens.

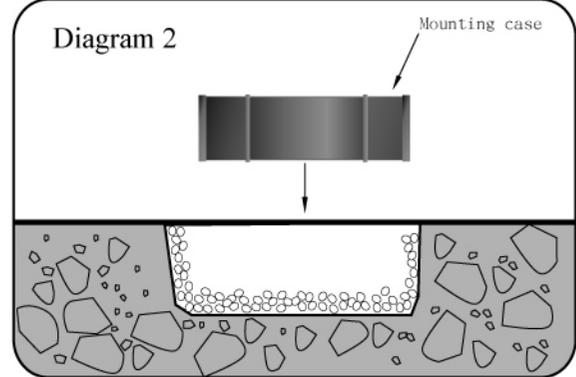
Installation method

Diagram 1



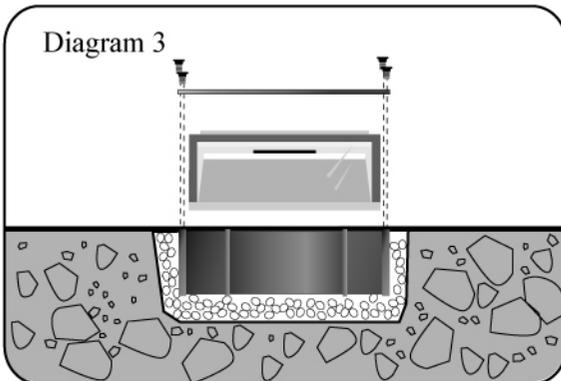
1. Dig a hole on ground and fill with proper amount of grout.

Diagram 2



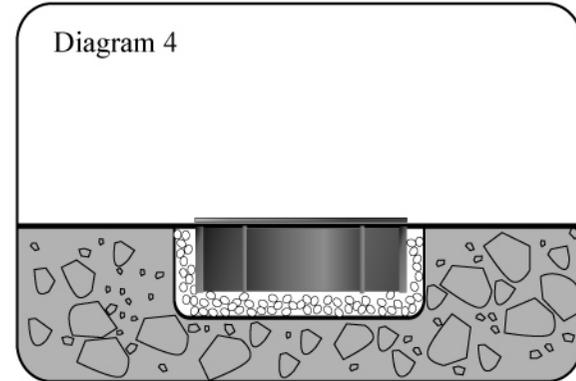
2. Put the mounting case inside the hole, and install on the same level as ground surface.

Diagram 3



3. After the cement become dry, clean up cement that has filter into the mounting case, and then put light into the mounting box, and fix up it by cover the stainless steel on the mounting box and fasten it by stainless steel bolt.

Diagram 4



4. Light installation is finished.

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.