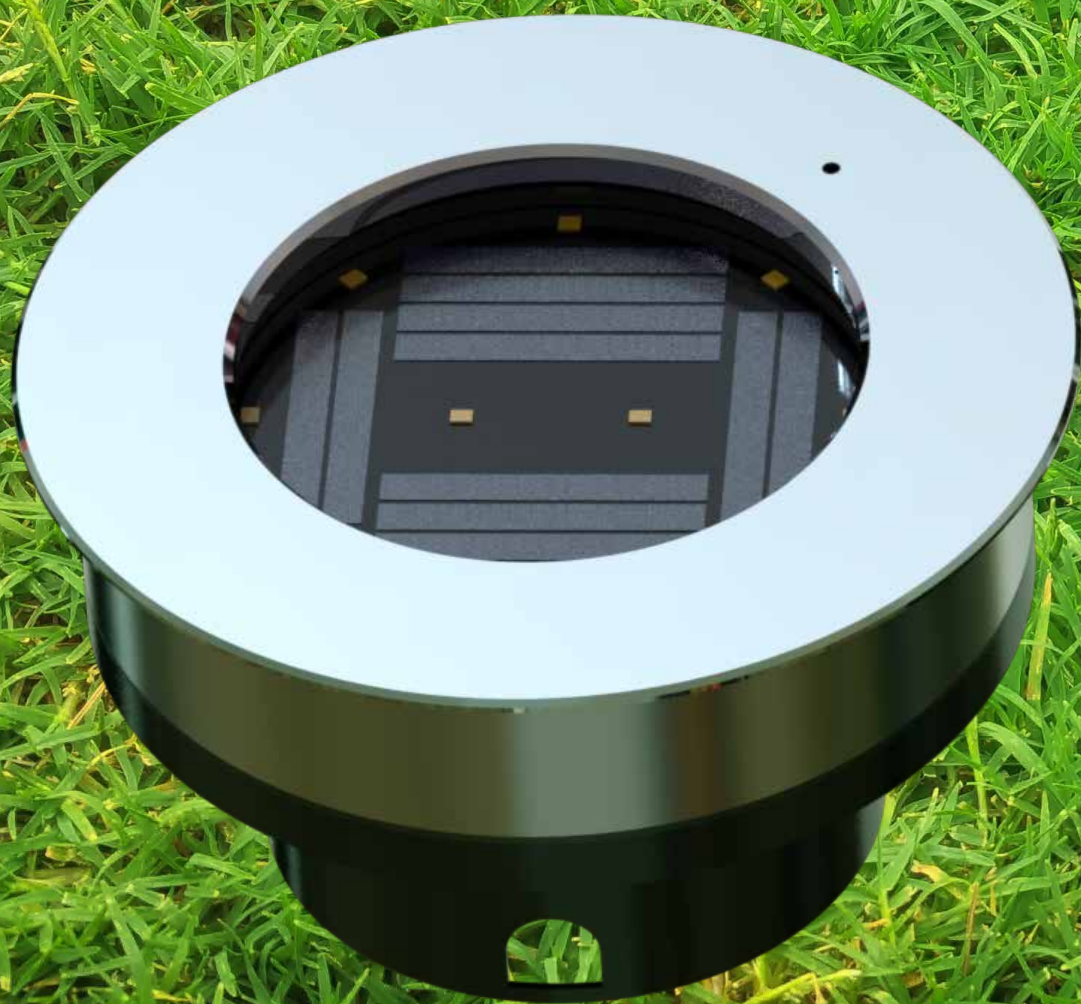


Phoenix- LED Solar Recessed Underground Light

-Illuminating Paths with Sustainable Elegance



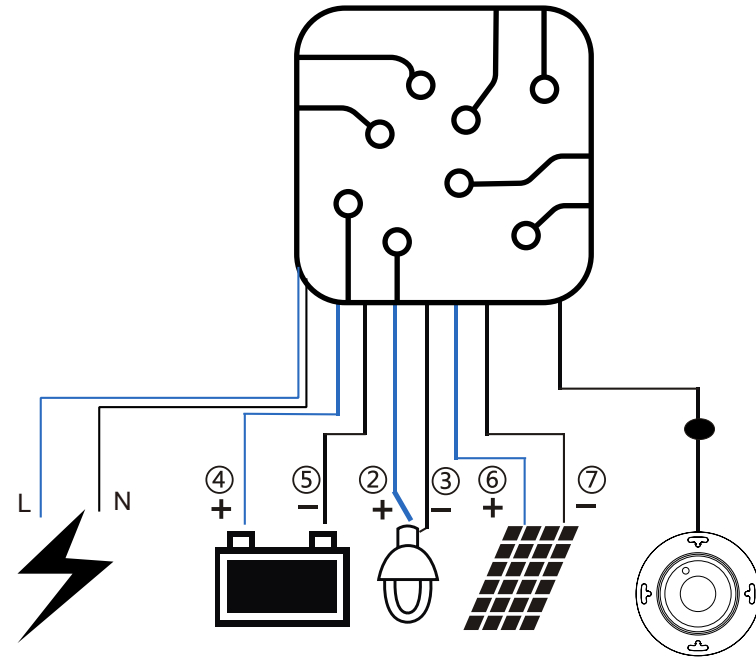
shineto[®]

Jiaxing Shinetoo Lighting Co.,Ltd
Add:No.258, Xingchang Road, Xincheng Town, Xiuzhou District,
Jiaxing, Zhejiang, China 314015

Tel : +86-573-8350-0001 Fax : +86-573-8350-0005
Mobile : +86-138-1878-3129

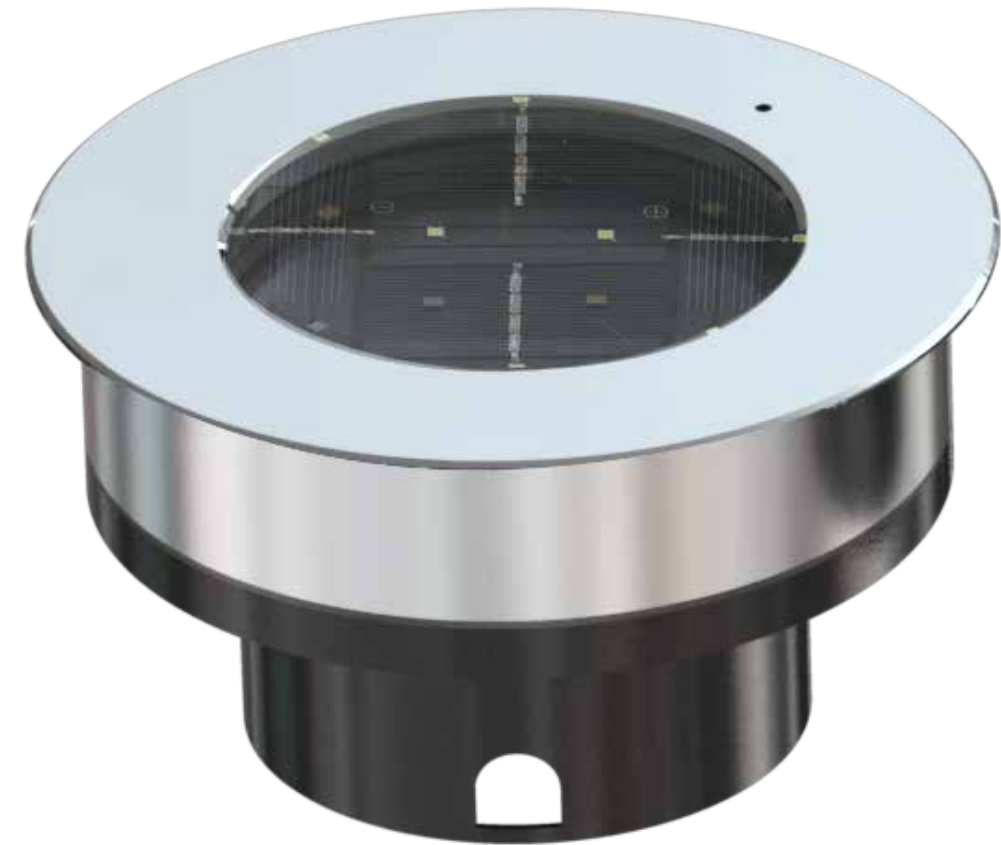
Email:Sales@stledlights.com
www.stledlights.com

Solar Charge Controller



SHINETOO

Phoenix-LED Solar Recessed Underground Light



Innovative max power point tracking (MPPT) technology, tracking efficiency >99%



Motion detection for adapting dimming levels based on pedestrian needs



Full digital technology, high charge & discharge conversion efficiency up to 96%



IP69K, Strong and durable aluminum case



Precision constant current control supports from 50mA up to 3000mA



Full automatic electronic protection



5 Step dimming can be programmed from 0% to 100% levels



Low voltage disconnect (LVD) and reconnect (LVR) settings in order to keep battery life healthy



Remote control operation

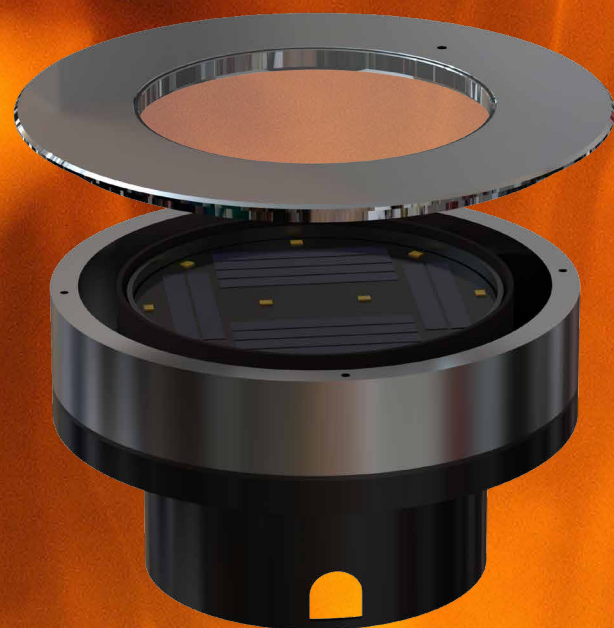
Finish Color Codes

- 01	- 02	- 03	- 05	- 06
Black	Dark Grey	White	Matt Silver	Bronze
RAL 9011	RAL 7043	RAL 9003	RAL 9006	RAL 6014

Super strong technology:

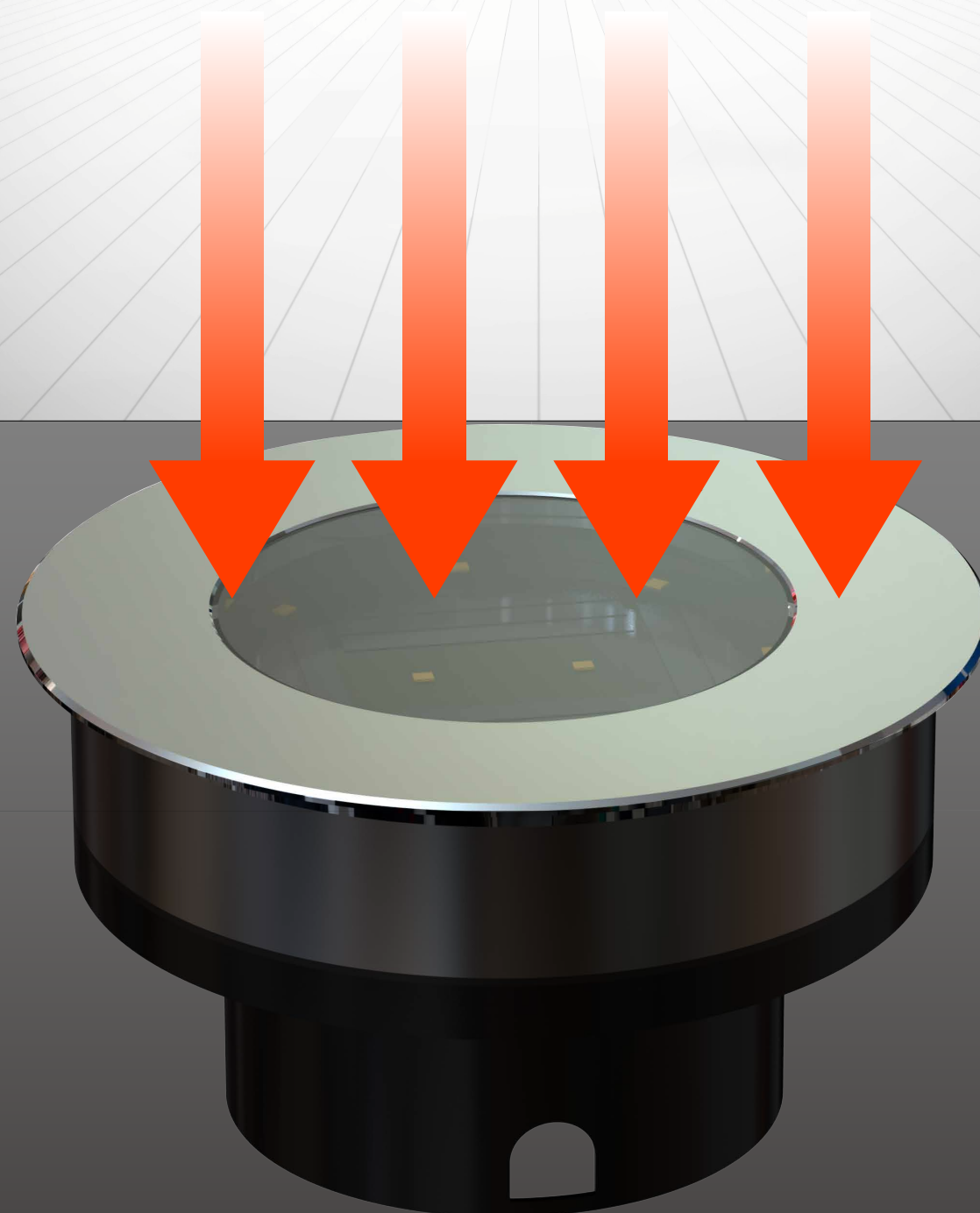
Weld tempered ultra-clear glass and 2205 stainless steel at a high temperature of 1200°C. The advantage is that the strength of tempered glass can be increased by more than 3 times.

Its applicable environment is in the range of -40°C to 180°C, and its protection can reach more than 30 years.



It is more than 3 times stronger

than the original 5mm tempered glass in
terms of pressure resistance



SPECIFICATIONS

Solar Style

Model Number	ST-Phoenix-PRO	ST-Phoenix-ST
Power Consumption	Preset 0.2w	Preset 0.2w
Battery Capacity	15AH 3.7V	15AH 3.7V
Solar Panel Power	Pmax 1.2W	Pmax 1.2W
Working Mode	MAX > 40lm lighting	MAX > 40lm lighting
Rainy Day	21days	21days
Photometric Options	Aerial lens	Flood lens
Color Temperature	2500-6500k	2500-6500k
IP&IK Protection	IP69K & IK10	IP69K & IK10
Explosion-proof certification level	Ex db IIB T6 Gb	Ex db IIB T6 Gb
Housing Material	2205 & 304 Stainless steel+PC+Glass	2205 & 304 Stainless steel+PC+Glass
Housing Color	Sliver	Sliver
Dimentions	170mm×170mm×94mm Φ155mm	170mm×170mm×94mm Φ155mm
Warranty	max 8 years	max 8 years
Operating Temperature	-40°C——+100°C	-40°C——+100°C
Irradiation Distance	≤2000m	/

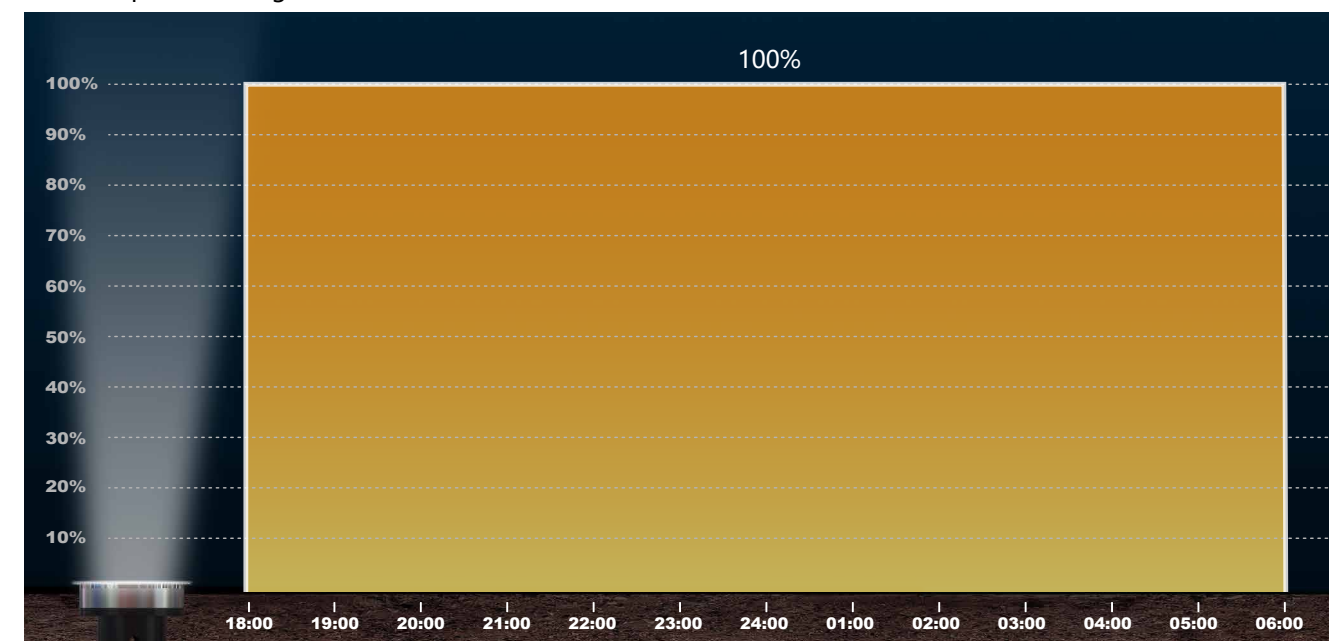
Solar+AC Type (Supplement)

Model Number	ST-Phoenix-PRO-AC	ST-Phoenix-ST-AC
Power Consumption	Preset 0-10w	Preset 0-10w
Battery Capacity	15AH 3.7V	15AH 3.7V
Solar Panel Power	Pmax 1.2W	Pmax 1.2W
Working Mode	MAX > 0-2000lm lighting	MAX > 40lm lighting
Photometric Options	Aerial lens	Flood lens
Color Temperature	2500-6500k	2500-6500k
IP&IK Protection	IP69K & IK10	IP69K & IK10
Explosion-proof certification level	Ex db IIB T6 Gb	Ex db IIB T6 Gb
Housing Material	2205 & 304 Stainless steel+PC+Glass	2205 & 304 Stainless steel+PC+Glass
Housing Color	Sliver	Sliver
Dimentions	170mm×170mm×94mm Φ155mm	170mm×170mm×94mm Φ155mm
Warranty	max 8 years	max 8 years
Operating Temperature	-40°C——+100°C	-40°C——+100°C
Irradiation Distance	≤2000m	/

Control scheme

Intelligent module optical control scheme

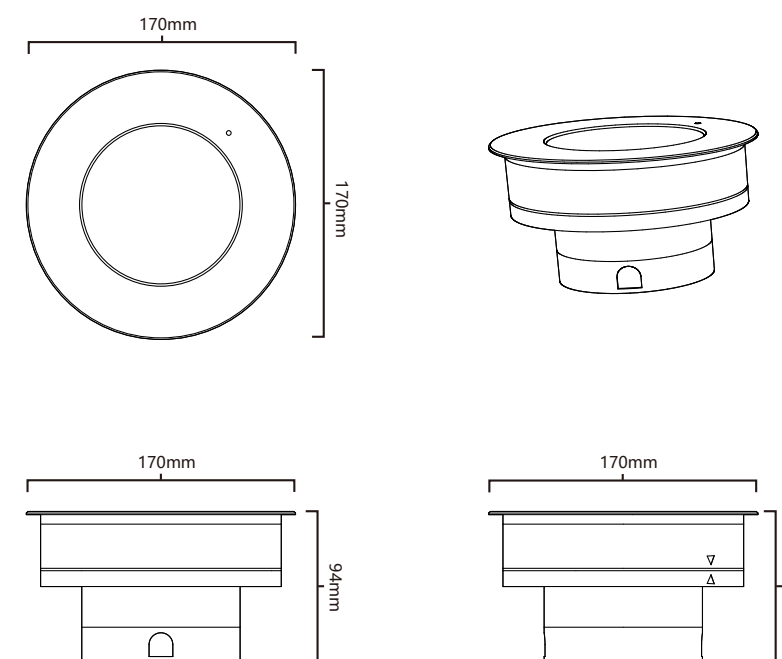
The power can be controlled remotely or manually
Intelligent power reduction is a fixed parameter and cannot be adjusted
For example, the sun goes down at 18:00



MPPT Optical control scheme

Intelligent power down adjustable.

DIMENSIONS





shinetoo®

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