

2024 New Solar Inground Up Light

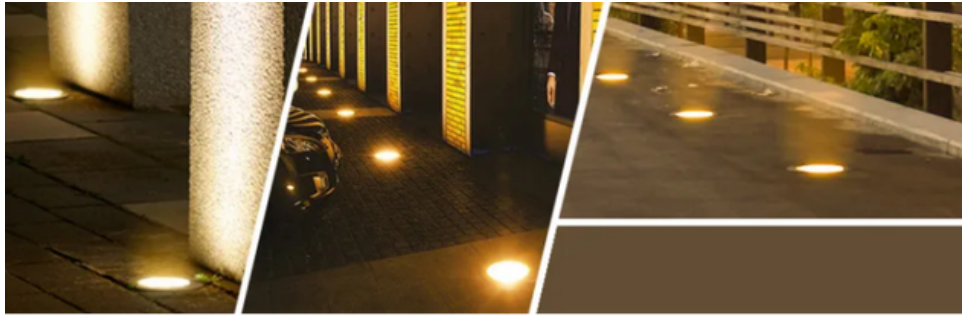
Specification Model: DM-210



Description

This Innovative solar inground up light is widely used in squares, restaurants, private villas, gardens, meeting rooms, exhibition halls, residential landscaping, stage bars, shopping malls, parking sculpture, tourist attractions and other places such as lighting decoration.

And it can also serve as a road stud light, Using solar panels to charge, stored in the battery, until the night and rain and fog weather when the light is insufficient automatically light, well guide the vehicle in the right direction, effectively ensure traffic safety.



Features

- Intelligent light sensing
- Monocrystalline silicon photovoltaic panels
- Automatically light up when it gets dark
- IP68 waterproof
- Long service life
- High brightness LED beads

Product Parameter

Overview

Modle	DM-210	Nominal power	7W
Initial Lighting effect	≥1050 lm	Material	Aluminum
Discharge mode	2 rainy day 1H 100% / 3H 70% / 4H 50% 4H 30%		
Working Temperature	-20°C~60°C	Charging Time	5Heffective sunlight
Control system	MPPT charging	Waterproof Level	IP68
Certification	RoHS CE ISO-9001	Warranty	3 years
N.W.	1450 g	G.W.	1500g
Lamp size	210Φ*70mm	Carton size	113*48.5*14CM, 20/pcs

LED (optional)

LED Chip	Philips SMD 3030 150lm/W	Quantity	12pcs
Color temperature	6000K/4000K/3000K	Lifespan	≥20000Hours
Beam Angle	120°	CRI	Ra≥70

Battery

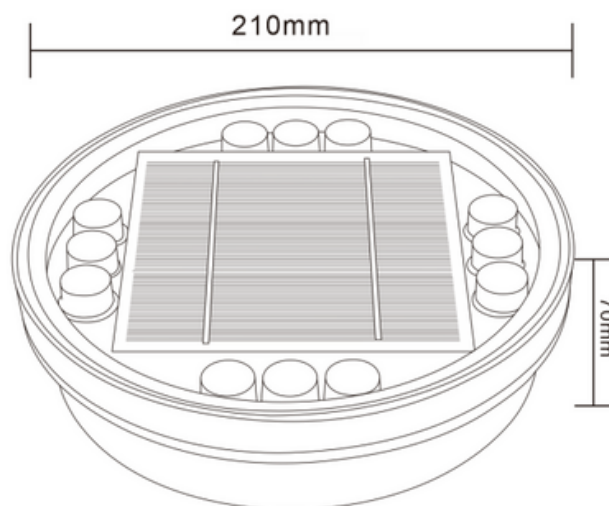
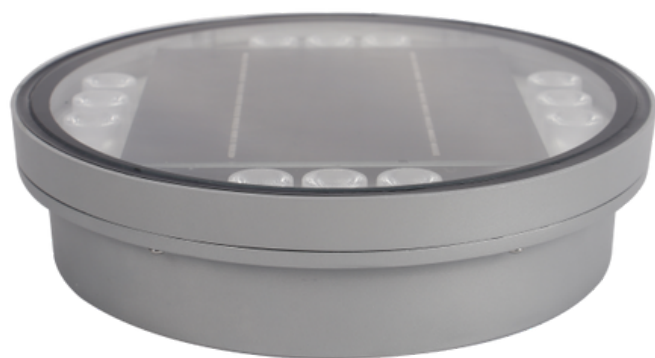
Capacity	3.7V 4AH	Type	Ternary lithium battery
Working Temperature	0℃~60℃ (Charging Operating) -20℃~60℃ (Discharging Operating)		
Cycle Life	≥2000 times	0.5Ccharge/0.5Cdischarge at RT and Residual capacity≥80%Normal capacity	
Electricity before Shipping	60%~70%		

Product Parameter

Solar Panel

Modle	4.5V/5W(Mono)	Diameter	130*130mm
Maximum hail impact	25mm/23m/s	Lifetime	30000H
Battery conversion efficiency (%)	Monocrystalline silicon 182mm ≥ 23%	Product certification	TUV,CE,CCIC

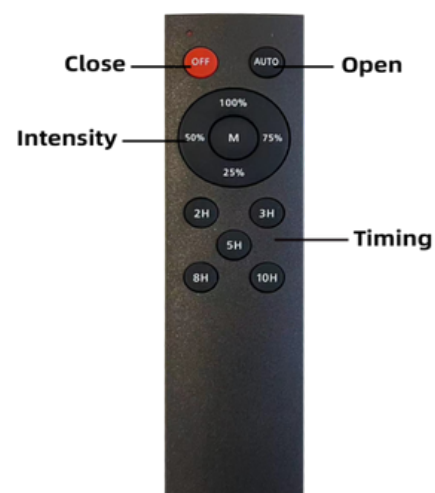
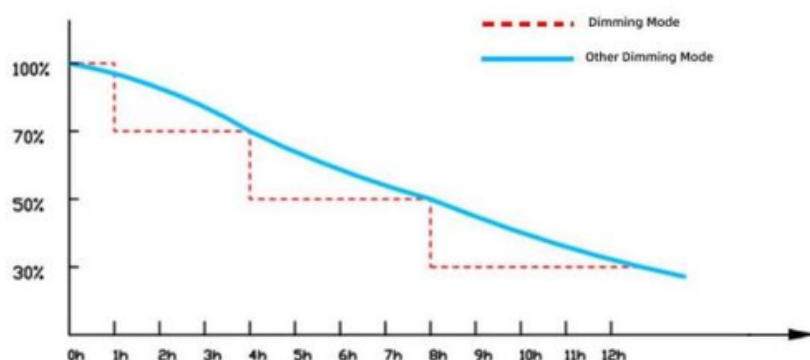
Dimesion



Working Mode

SMART LIGHTING MODE

Automatic Time Control Mode

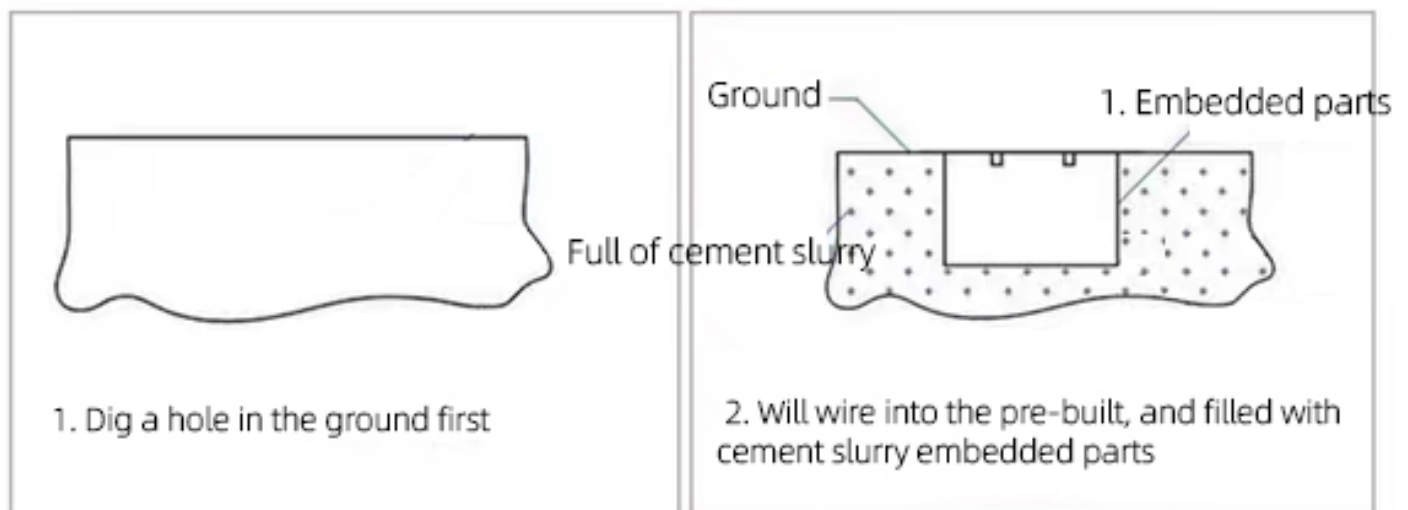


(Optional remote control for remote control)

Application



Installation Diagram



Attention:

Installation precaution It is recommended that the photovoltaic panels be installed horizontally in a place with sufficient sunlight and full exposure to the sun. Ensure that there are no obstacles within the range of 120°.