



CE RoHS FC IP65 IES



Solar Sailing Light II

Power: 20W to 50W

Lumen: 2500LM to 9000LM

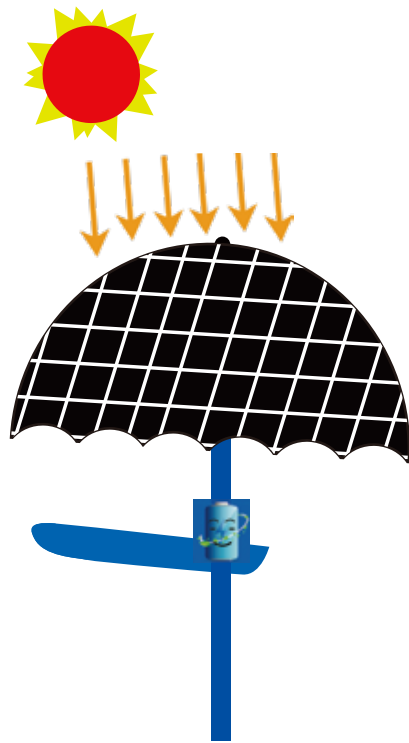
Solar panel as the sail, lamp body as the boat
May you have favorable winds in your sails

01 Unique Structure Design

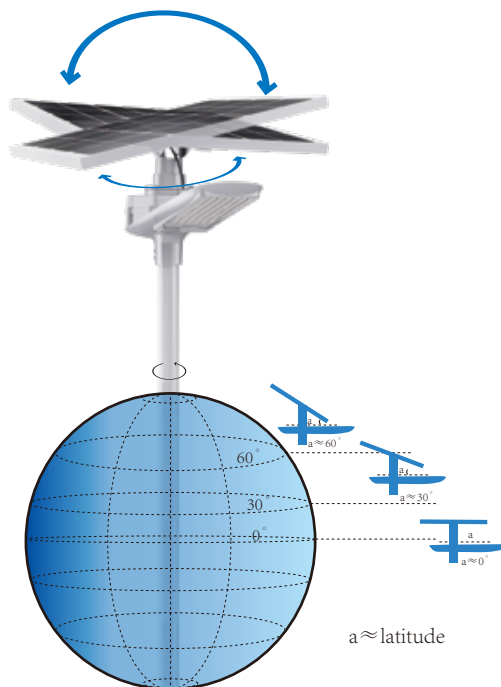
Integrate the solar panel, led body, battery and controller into whole system. Easy to transport, install and maintain.



Solar panel looks like an umbrella to protect battery from high temperature and extend the lifetime. Perfectly solve heat dissipation.



Solar panel can be adjustable manually in vertical and horizontal direction, ensure the maximum efficiency of solar energy.



02 Core Technologies



Unique Integration Design

Easy to transport, install and maintain.



Control Mode Management

6 classic working modes for choice.



Rotating Solar Panel

Solar panel can be adjusted in vertical and horizontal direction.



Battery Program Upgraded

Embedded single string control technology. More stable and longer lifespan.



Lighting Efficiency Upgraded

Upgraded to 140pcs of led chips, lighting efficiency of the whole system up to 180lm/w.



Charge and Discharge Management

Protect battery by software and hardware, supporting battery charge at 0v. Battery capacity decay less than 10% after 2000 times' cycle.



Intelligent Power Control

Embedded intelligent monitoring 5.0 system, AI intelligently detecting recent weather conditions, reasonably plan the discharge power to achieve more rainy days.



Light distribution Upgraded

Patent bat-wing lens with bigger lighting angle, effectively illuminate the entire road with less wasting of luminous.

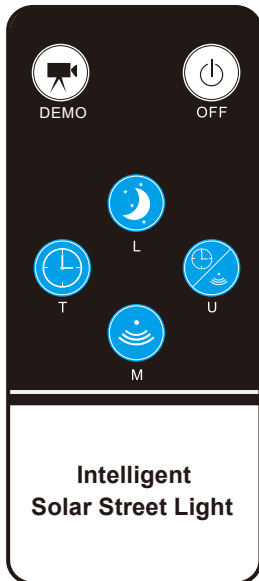








MPPT Technology

MPPT is an advanced charge mode whose full name is Maximum Power Point Tracking function which can increase the energy utilization rate by 15% to 20% than the PWM controller.

03 Remote Control

6 working modes

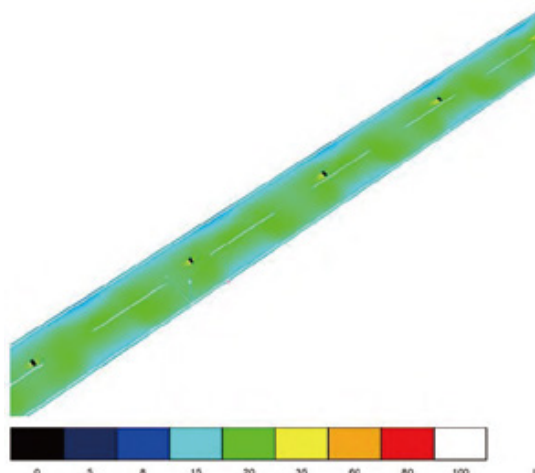


-  **DEMO:** No matter day or night, light "on" for 1 minute. Only for test use
-  **OFF:** Light "off", no matter day or night
-  **L:** At night, 100%-2hrs, 60%-3hrs, 20%-dawn
-  **T:** At night, 100%-3hr, 50%-3hrs, 30%-2hrs
-  **M:** At night, 100%-6hrs, 50%-7hrs plus
-  **U:** At night, 100%-3hrs, 50%-3hrs(Highlight mode)

- Note:
1. Default is M mode, can choose best mode according to different sunshine condition.
 2. The three LED indicator lights will twinkle if modes changing successfully.
 3. Once a certain mode was set successfully, it will be reserved until you change other modes with remote control.
 4. U Highlight mode: Increase 30% on the original basis, mean 3H-130%, 3H-80%.

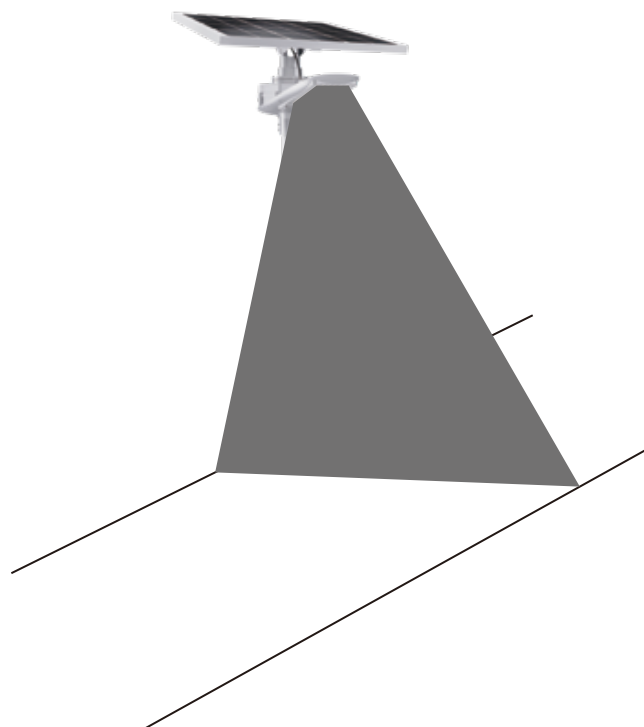
04 Light Distribution

Batwing lens with polarized light

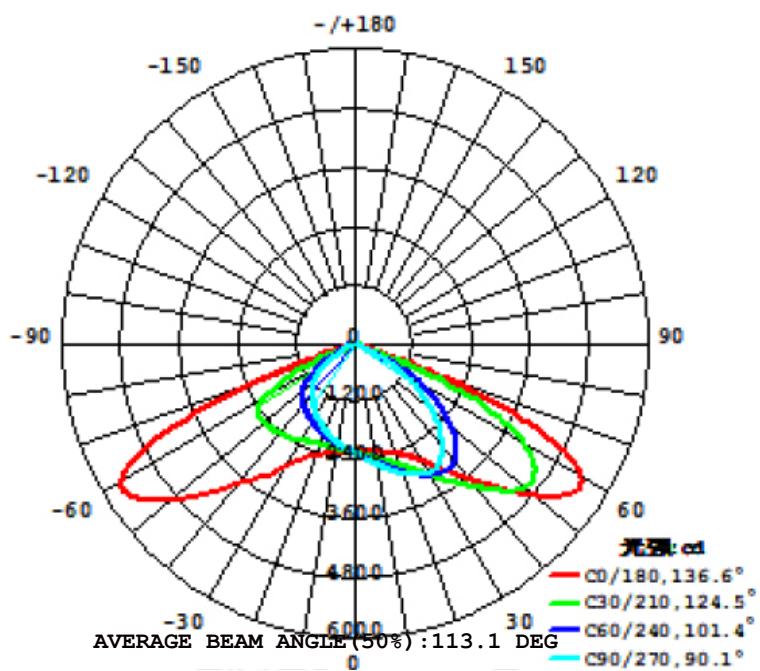


04 Light Distribution

Batwing lens with polarized light

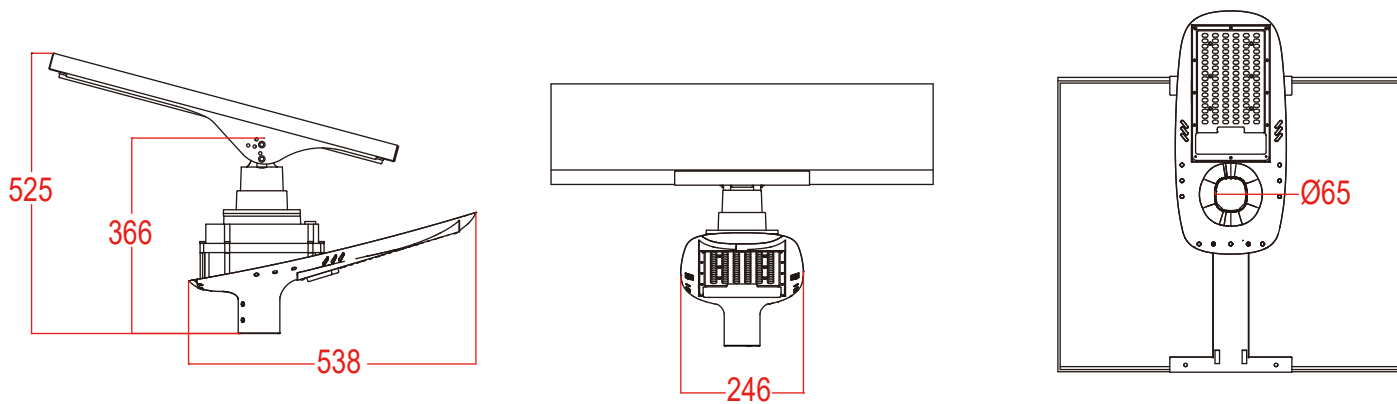


Luminous intensity distribution curves

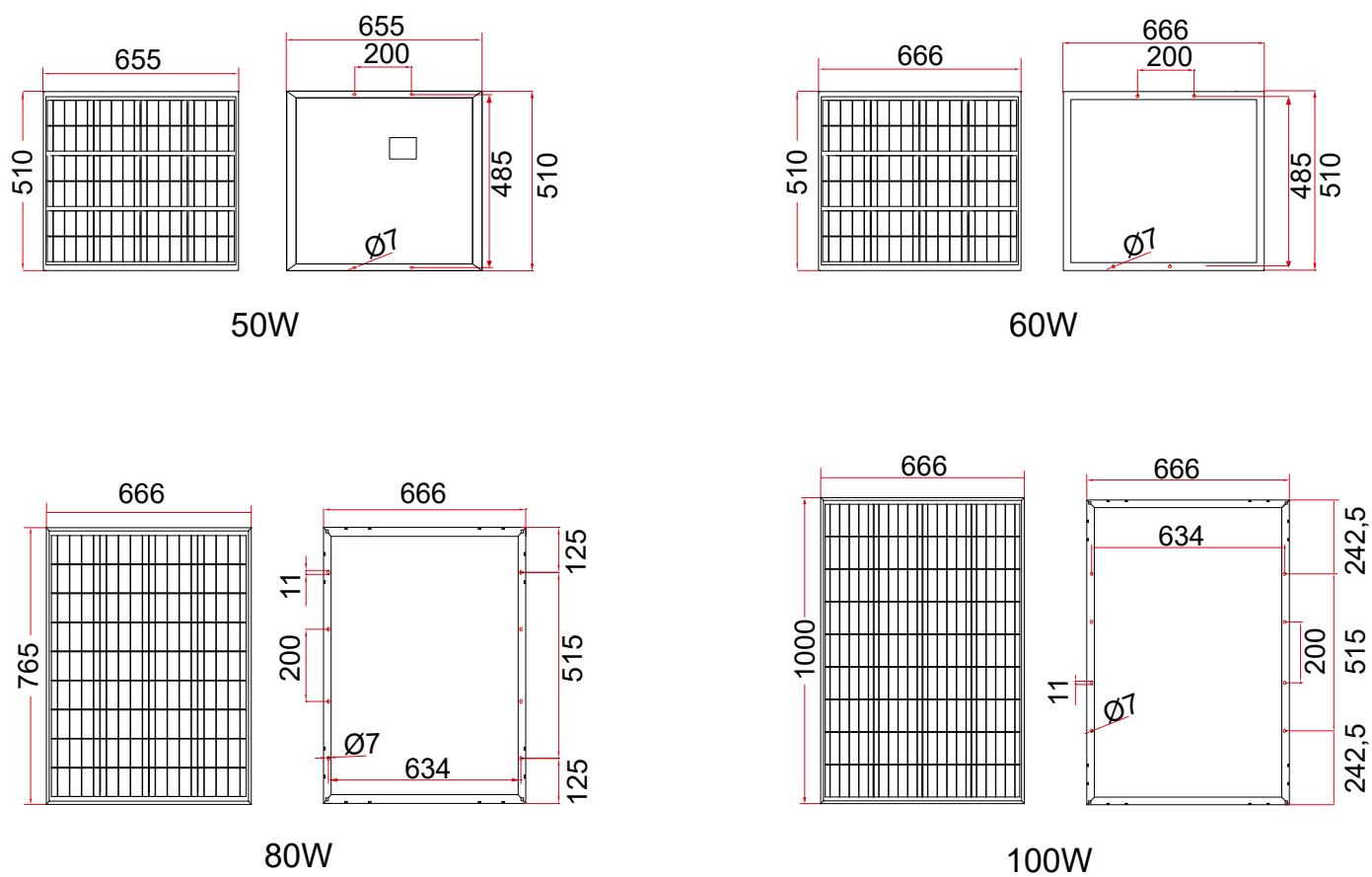


05 Dimension

Lamp head



Solar panel



06 Parameter

Technical parameter

	Type		G-SL60P-40	G-SL60P-50	G-SL60P-60	
Panel	Power		80W/18V	80W/18V	100W/18V	
	Material		Poly crystalline silicon	Poly crystalline silicon	Monocrystalline silicon	
	Solar cell efficiency		17-18%	17-18%	17-18%	
Lithium battery	Capacity		256WH	320WH	384WH	
	Charge cycle times		2000 times	2000 times	2000 times	
Lamp head	Luminous flux		2500-2700lm	4100-4300lm	6800-7200lm	
	Light output		20W	30W	50W	
	LED qty		140pcs	140pcs	140pcs	
	Color temperature		3000-7500K			
	CRI		≥70Ra			
	Material of lamp head		Aluminum alloy			
	Lifespan		50000hrs			
	Beam angle		145°*45°			
System	Light distribution		Batwing lens with polarized light			
	Lighting time(full charged)		5-7 rainy days			
	Operation temperature		-20°C ~ 60°C			
Installation	Top diameter of pole		60mm	60mm	60mm	
	Mounting height		3-5m	4-6m	6-8m	
	Installation spacing		20-40m	20-40m	20-40m	

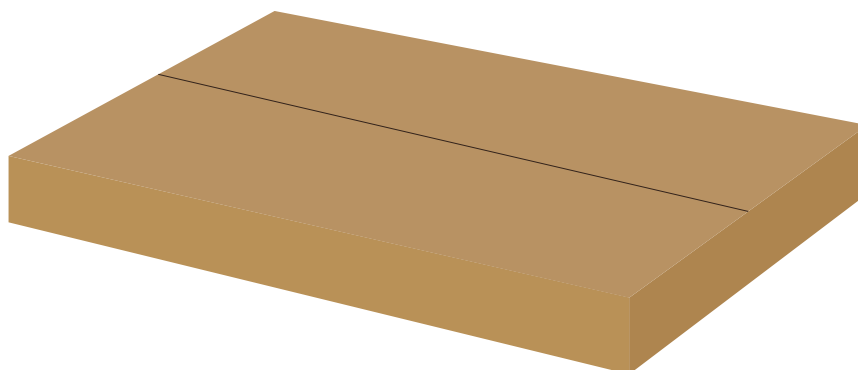
07 Packing

	Type	Qty/ctn	Box Size(L*W*H)	Gross Weight
G-SL60P-40	Lamp body	2pcs/ctn	685*430*280mm	7.4
	80W panel	2pcs/ctn	845*745*108mm	5.6
G-SL60P-50	Lamp body	2pcs/ctn	685*430*280mm	8.5
	80W panel	2pcs/ctn	845*745*108mm	5.6
G-SL60P-60	Lamp body	2pcs/ctn	685*430*280mm	9.0
	100W panel	2pcs/ctn	1090*755*108mm	8.0

The packaging as shown below is for reference only, the actual packaging is subject to the specific product.



Lamp body packing



Solar panel packing(100W)

08 Application





