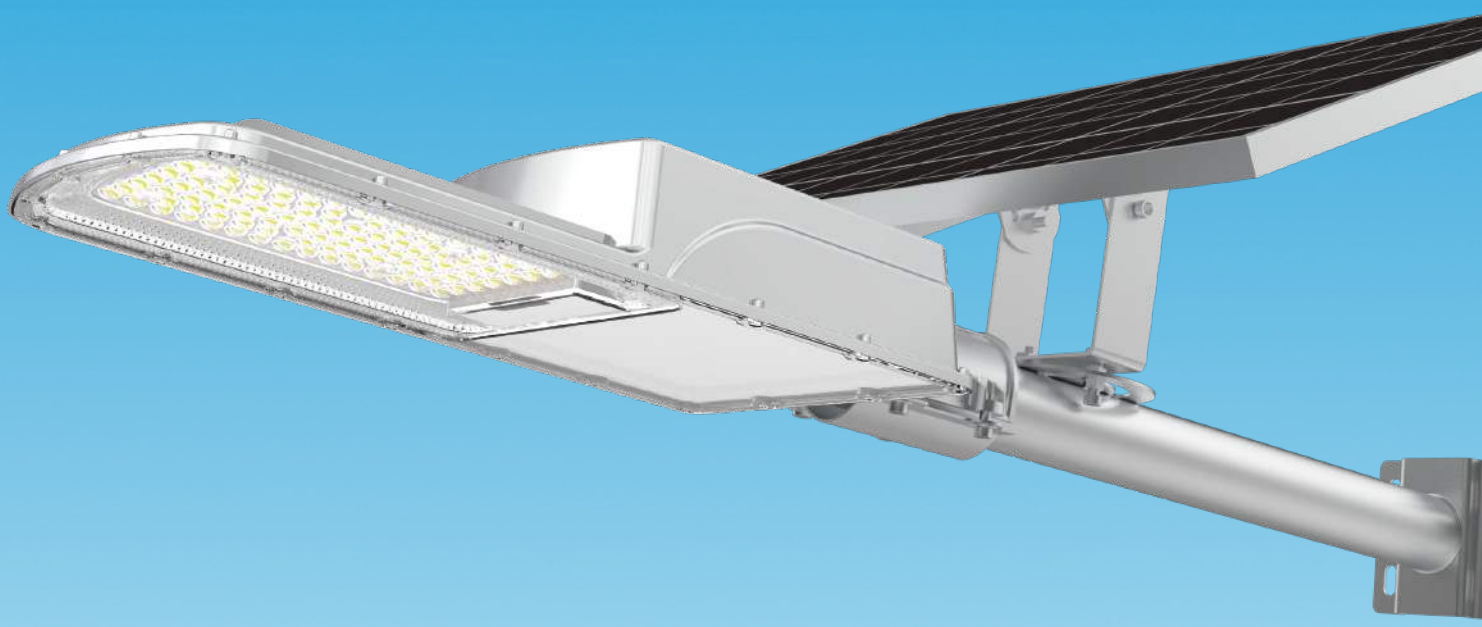
Road Smart

Solar Street Light YL series



Professional light distribution design
The illumination area and angle of light can be adjusted reasonably according to the width of the road

Intelligent charge and discharge management
Double protection of charging and discharging by software and hardware, and intelligent equalization technology, cycle charging and discharging more than 2000 times

Intelligent power control
Judge recent climate plan the reasonable discharge power

Battery Power indicato
To check lamp's charge and discharge conveniently

IPC 5.0 Technology
Through 10years' experience, Road Smart upgraded highly precise 5.0 version IPC technology .It will intelligently detect recent weather conditions, reasonably plan the discharge power to achieve more rainy days

YL-40P/60P Pole Mount Type





YL-30P Arm Mount



Remote Control

6 working modes

DEMO: No matter day or night, light "on" for 1 minute.
Only for test use

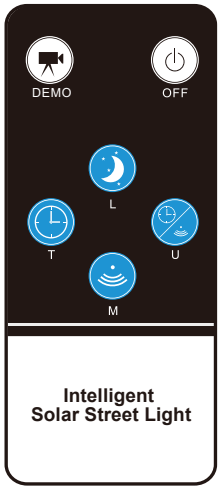
OFF: Light "off", no matter day or night

L: At night, 0.5 hr-100%,1 hr-90%,1.5 hrs-70%,1 hr-50%,
1 hr-30%,7 hrs-20%dawn

T : At night,3 hrs-100%,3 hrs-50%,2 hrs-30%

M: At night,3 hrs-100%,3 hrs-50%

U: At night,3hrs-100%, 3hrs-50%(Highlight mode)



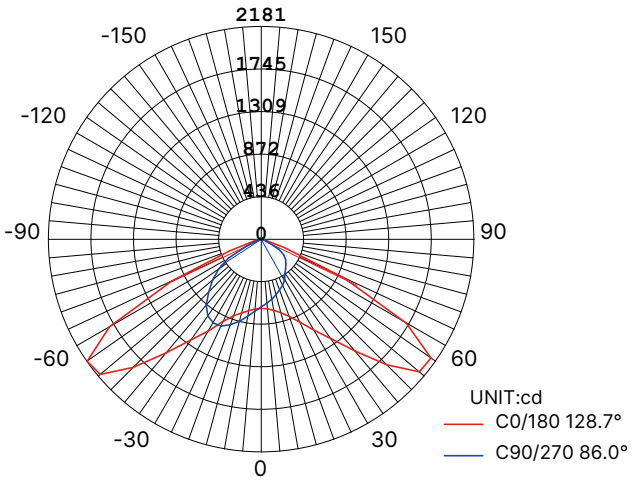
Remark:

1、6 working modes option via remote control, default mode is L.

2、U Highlight mode: Increase 30% on the original basis, mean 3 hrs-130%, 3hrs-80%

Light Distribution

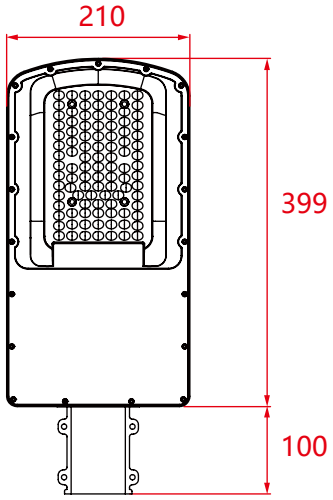
Luminous intensity distribution curves.



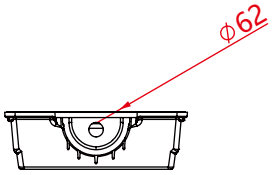
AVERAGE BEAM ANGLE(50%):107.4 DEG

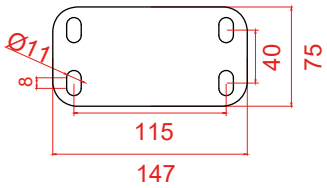
Dimension

Lamp head



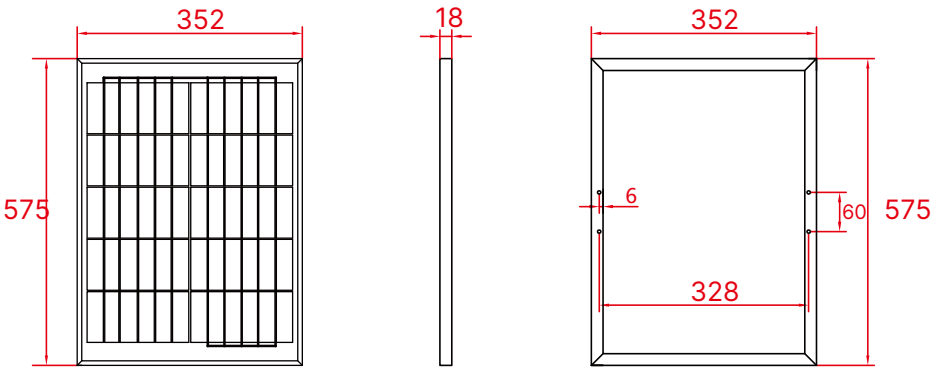




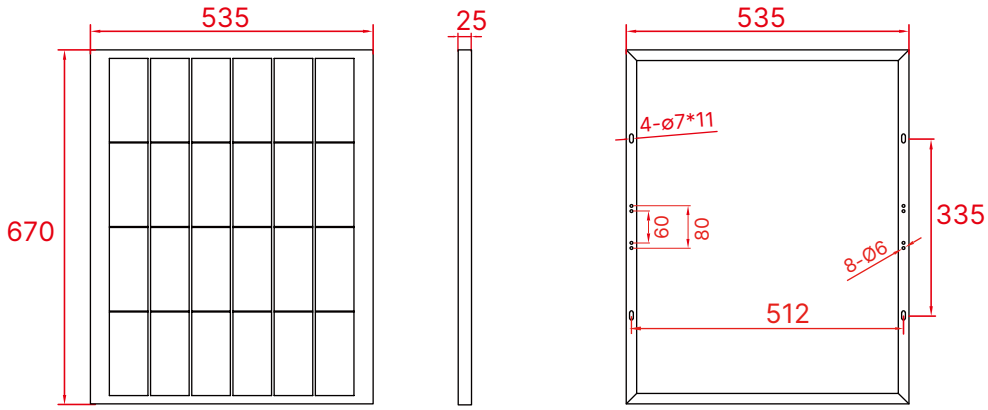


YL-30P Wall mounting bracket hole location map

Solar panels



30W



60W

Parameter

Type	YL-30P	YL-60P
Panel		
Powe	30W/5V	60W/6V
Material	Monocrystalline silicon	
Solar cell efficiency	17-18%	
Lithium battery		
Capacity	80WH	128WH
Charge cycle times	2000 times	
Lamp head		
Luminous flux	1800lm	2500lm
Light output	12W	15W
LED qty	100pcs	
LED chip	Bridgelux	
Color temperature	6000-6500K	
CRI	≥70Ra	
Material of lamp head	Die-cast aluminum	
Lifespan	50000hrs	
System		
Light distribution	Batwing lens with polarized light	
Lighting time(full charged)	5-7 rainy days	
Operation temperature	-20℃~60℃	
Installation		
Top diameter of pole	58mm	
Height	3-7m	

Application

Pathway | Village road | School | Park | Villa | Parking lots | Temple | Resort | Factory





