

SP240-3

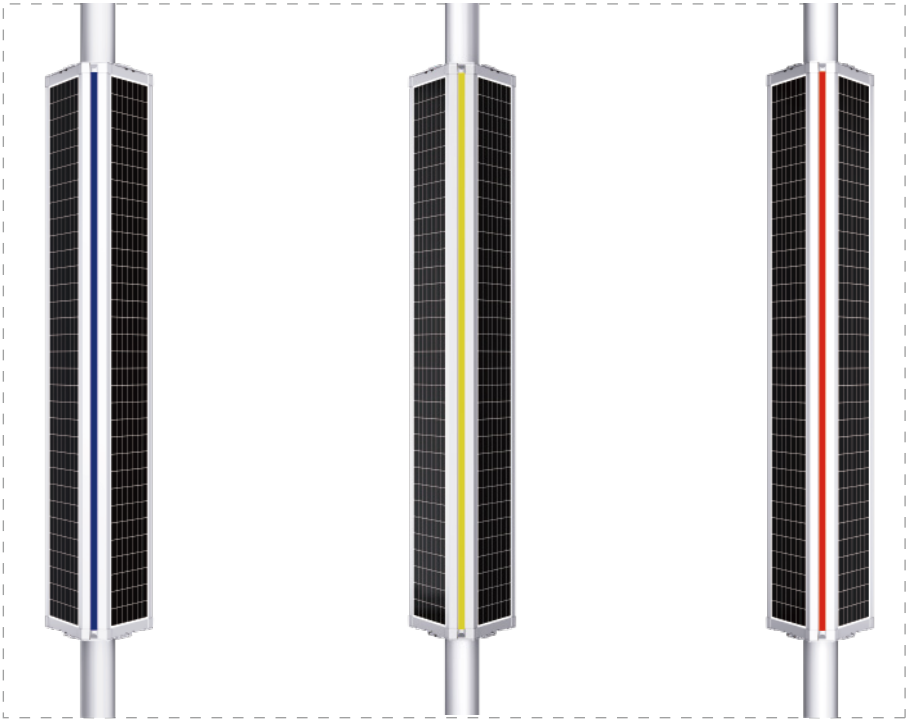
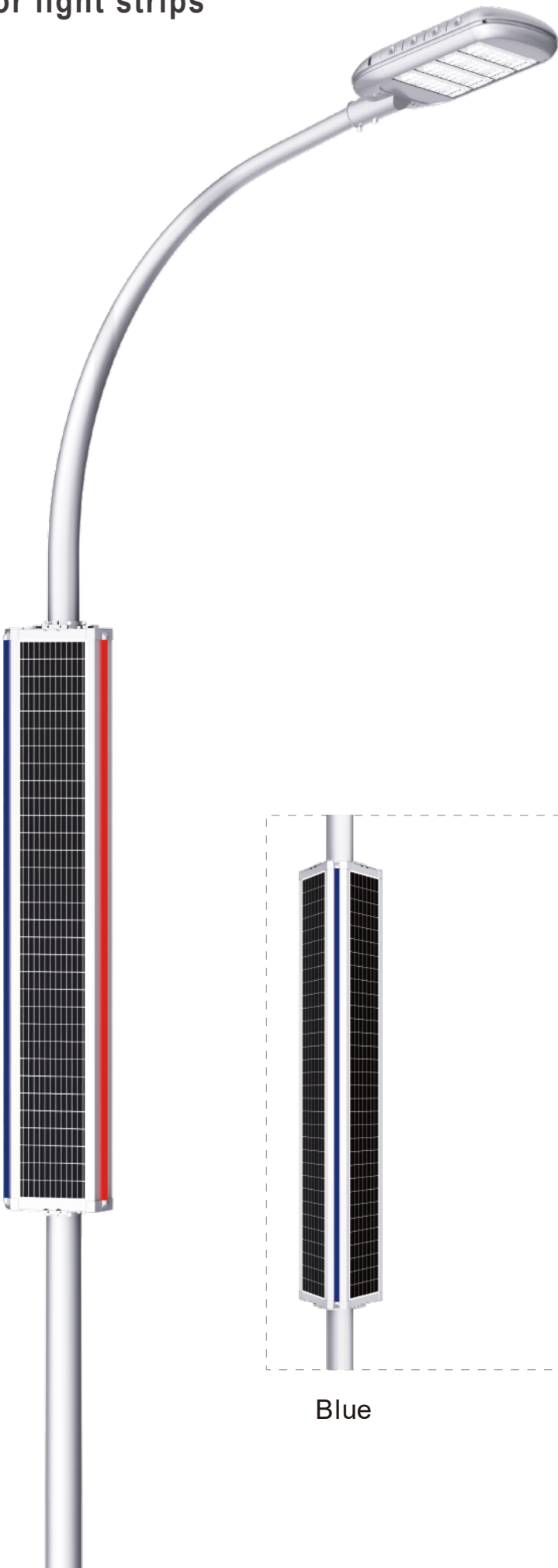
MPPT Solar Pole Street Light



STRUCTURAL EXPLOSION DISPLAY



3 color light strips

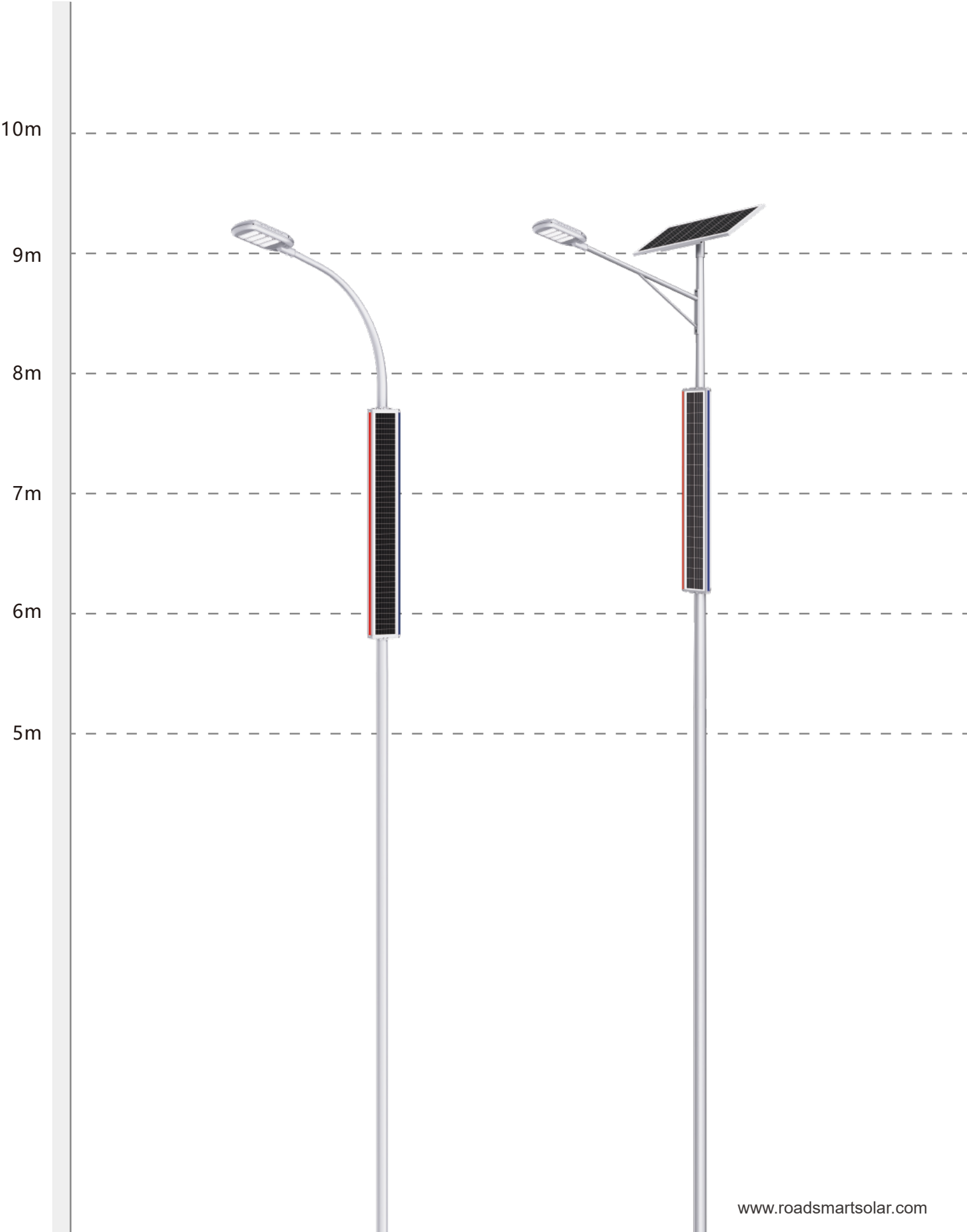


Blue

Yellow

Red

Lamp post installation height recommendation diagram



Core Technologies



Intelligent colorful lights

Intelligent control with customizable colors.



Charge and Discharge Management

Protect battery by software and hardware, more than 2000 time's cycles.



Easy installation

The design facilitates workers' installation and assembly, reducing the difficulty of on-site installation.



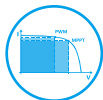
IPC 5.0 Technology

Five-stage intelligent power, intelligent algorithm to achieve perfect balance of brightness and discharge time.



Light Efficiency Management

Up to 400 pieces of 5054 LED chips, with optimized brightness and an overall light efficiency improvement of 30%.

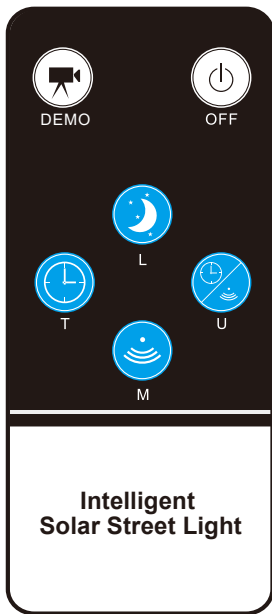








MPPT Technology

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.

Remote Control

6 working modes

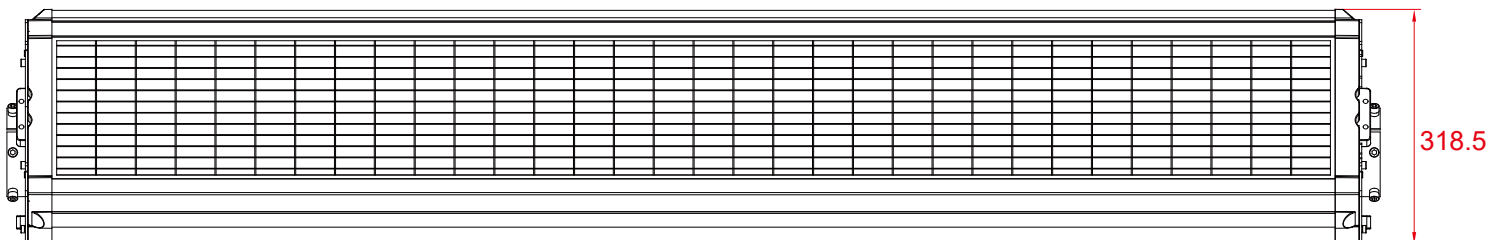
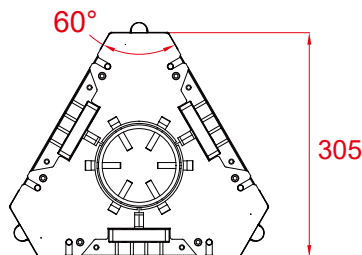


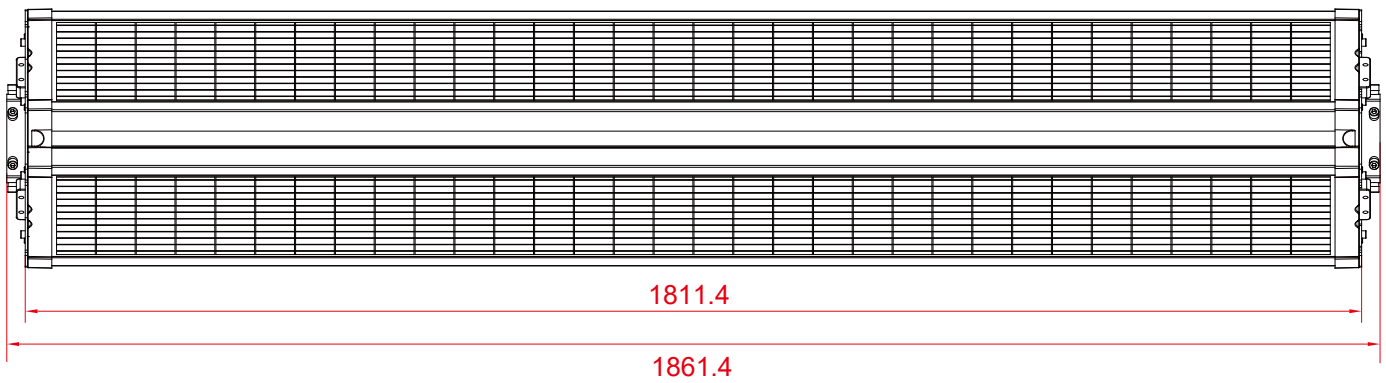
-  **DEMO:** No matter day or night, light "on" for 1 minute.
Only for test use
-  **OFF:** Light "off", no matter day or night
-  **L:** 100%-3hrs,60%-2hrs,30%-7hrs dawn
Decoration: 5hrs
-  **T:** 100%-3hrs,50%-2hrs,50% before dawn 1h
Decoration: 5hrs
-  **M:** At night,50%-1hr,100%-3hrs,30%-dawn
Decoration: 4hrs
-  **U:** At night,100%-3hrs,50%-3hrs,30% dawn
Decoration: 6hrs

Note:

- 1、 Default is L mode, once a certain mode was set successfully, it will be reserved until you change other modes with remote control.

DIMENSION





Parameter

Type	SP240-3
LAMP HEAD	
Power	55W
LED chip	400pcs
Luminous flux	9000lm
Lifespan	50000 hrs
IP Rating	IP65
Working temperature	-20°C~60°C
Color temperature	3000-7500K
CRI	Ra≥70
SOLAR PANEL	
Power	80W*3
Voltage	18V
Material	Monocrystalline silicon
BATTERY	
Capacity	672WH/210AH
Lighting time(full charged)	5-7 rainy days
Lithium battery	LiFePO4
INSTALLATION	
Top diameter of pole	70~110mm
Mounting height	8-10M
Installation spacing	20-40M

Application

