

# Specifications - CPS-SL70 LED Bollard Light

Version: 3.0



CE RoHS

## Description

SL70 is an innovative LED solar bollard light which got enhanced in both aesthetic and creative. IP66, Mono-crystalline solar panel, UV resistant PC material, PIR induction, with architectural design is quite popular in pathway areas, gardens, sidewalks, building entrance and etc.

## Key Features

- IP66 and IK10
- Professional Type V lighting distribution
- High efficiency Mono-crystalline solar panel
- The solar panel is equipped with a transparent PC cover to effectively protect against insects, dust and impact.
- Long lifespan Ternary lithium battery, >5hours charging, working 3 days by intelligent mode.

## Applications

- Gardens
- Pathways
- Sidewalk
- Building entrance

Electrical Information	
Model No.	CPS-SL70-004
Power Consumption (W)	4
Battery	Ternary lithium battery
Battery Capacity (Wh)	19.2
Solar Panel	Mono-Crystalline solar panel
Solar Panel Wattage (W)	4.5
Charging Time (Hours)	>5
Operating Time	5 hours of full power operation on a full charge, Intelligent mode: 3 days
Solar Charge Controller	PWM
Control	PIR induction

\* The tolerance for power is  $\pm 5\%$ .

Optic Information	
LED Type	LED 2835
Luminous Flux (lm)	680
Efficacy (lm/W)	170
Correlated Color Temperature	4000K (3000K, 5000K optional)
Color Rendering Index	Ra70 (Ra80 optional)
Beam Angle	U02870(TypeV)
UGR level	N/A

\* The tolerance for luminous flux is  $\pm 10\%$ .

Dimentions and Mount		
Product Dimension (mm)	$\Phi 230 \times 545$ (0.5m)	$\Phi 230 \times 1045$ (1.0m)
Luminaire Net Weight (kg)	3.5	5.2
Export Carton Size (mm) (All-in-one package)	Full-assembled : 565x260x260	Full-assembled : 1065x260x260
Gross Weight (kg) (All-in-one package)	Full-assembled : 5.6	Full-assembled : 7.4
Export Carton Size (mm) (Separated package)	Heading: 260x260x250 Bollard : 395x160x165	Heading: 260x260x250 Bollard : 895x160x165
Gross Weight (kg) (Separated package)	Heading: 2.6 Bollard : 2.4	Heading: 2.6 Bollard : 4.4
Mounting Option	Mounting kit with anchor bolts	
Material	Aluminum alloy	
	Polycarbonate optical lens	
	Ternary lithium battery	
	Mono-Crystalline solar panel	
Finish	Powder coating	
Fixture Color	Black (RAL9017)	
EPA	N/A	
IK Rating	IK10 (PIR sensor not included)	
IP Rating	IP66	
Category of corrosion	C4(ISO 9223:2012)	

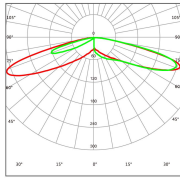
\* The tolerance for weight is  $\pm 6\%$ .

Lifespan and Warranty		
Operating Temperature (°C)	0 to + 45	
Life Time of LED @Ta=25°C (hours)	80,000hrs-L90	
	169,000hrs-L80	
	271,000hrs-L70	
Warranty (years)	Battery	3
	Other accessories	5

## New Features

*\* Please consult us for details.*

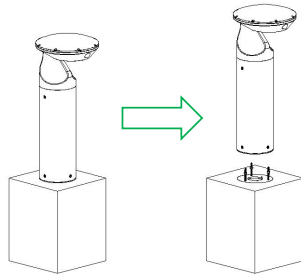
## Photometry



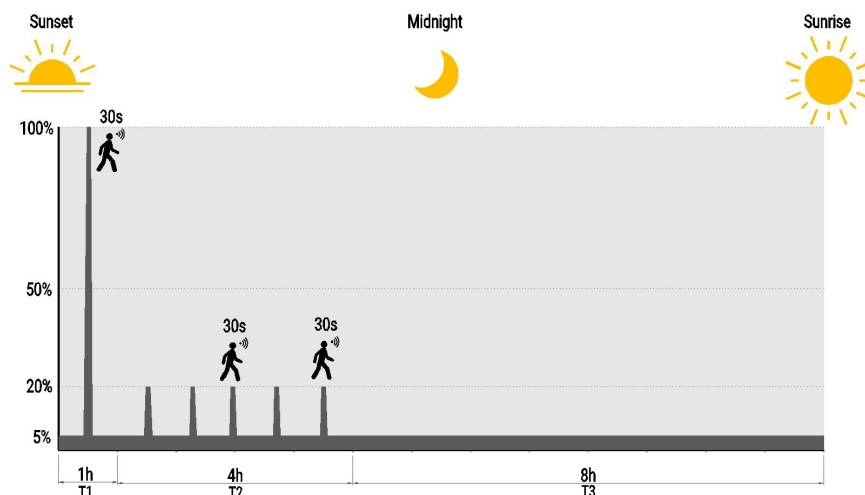
U02870

## Mounting Options

Mounting kit with anchor bolts



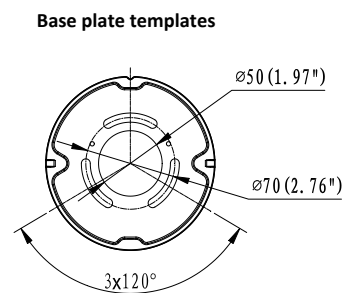
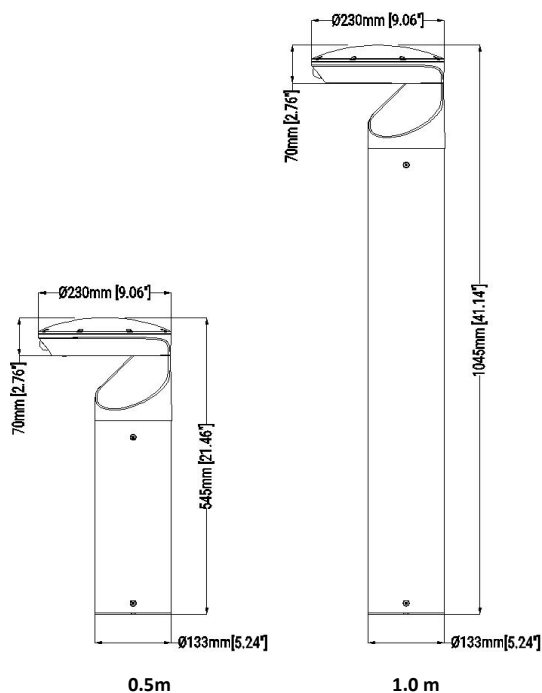
## Intelligent Control Mode



Default Working mode (Intelligent Mode)		Time 1	Time 2	Time 3
	Working hours	1h	4h	8h
	Not detected	5%	5%	5%
	Detected	100%	20%	5%
	Light up for 30 seconds when detected			

## Dimensions

Unit: mm/inch



## Accessories



### Remote Control

Remote control for solar bollard light  
code: H01217