



Electrical Information								
Model No.	SLB05-3							
Power Consumption (±20%)	3W							
Battery	LiFePO4 battery							
Battery Capacity	38.4Wh							
Solar Panels	Mono-Crystalline solar panel							
Solar Panels Wattage	5W							
Charging Time	>8hours							
Operating Time	Normal mode>11 hours,Intelligent mode 2-3 days							
Working mode	Lighting scheme	Time 1	Time 2	Time 3	Time 4	Time 5	Energy consumption	Working hours in rainy days
	1 (Factory default)	6H×30%	0H×100%	0H×100%	TOT×0%	1H×30%	7.4Wh	4-5 Days
	2	6H×30%	6H×30%	0H×100%	0H×0%	0H×100%	12.6Wh	3-4 Days
	3	6H×50%	6H×30%	0H×100%	0H×0%	0H×100%	16.8Wh	2-3 Days
	4	4H×70%	4H×30%	4H×30%	0H×0%	0H×100%	18.2Wh	1-2 Days
	5	4H×100%	2H×50%	0H×100%	0H×0%	0H×100%	17.5Wh	2-3 Days
	6	2H×50%	4H×30%	0H×100%	TOT×20%	1H×30%	12.3Wh	3-4 Days
	7	4H×80%	2H×30%	0H×100%	TOT×0%	1H×80%	16.1Wh	2-3 Days
Control	NA							
Note	NA							

\*The table of rainy days is for reference only, the actual working days is subject to the local sunshine conditions.

## Description

The environmental benefits of solar energy are well known: solar energy provides a safe, renewable source of energy that reduces harmful greenhouse gas emissions and shrinks the carbon footprint.

Solar Pathfinder is an innovative LED solar bollard light with IP66, Mono-crystalline solar panel, UV resistant PC material. Its sleek and architecturally designed appearance makes the bollard perfect for all urban landscapes.

## Key Features

- IP66 and IK07
- Unique and gorgeous appearance
- Professional Type III / Type IV / Type V Lighting distribution
- High efficiency Mono-crystalline solar panel
- Long lifespan LiFePO4 battery, 8-hour charging, working 2-3 days.

## Optic Information

LED Type	LED 2835
Luminous Flux (±10%)	340lm(R03201)/ 320lm(R03202)/ 420lm(R03203)
Efficacy (4000K Ra80)	105lm/W(R03201)/ 100lm/W(R03202)/ 130lm/W(R03203)
Correlated Color Temperature	4000K (3000K, 5000K optional)
Color Rendering Index	Ra80 (Ra70 optional)
Beam Angle	A03201(Type V),A03202(Type IV),A03203(Type V)
UGR level	NA

## Dimensions and Mount

Product Dimension	9.06"×20.47"
	9.06"×36.22"
Luminaire Net Weight (±0.3kg/±0.66Lbs)	0.5m: 5.1kg (11.24Lbs)
	0.9m:6.6kg(14.55Lbs)
Export Carton Size (All-in-one-package)	
Gross Weight (All-in-one-package) (±0.3kg/±0.66Lbs)	Full-assembled 0.5m: 6.43kg (14.18Lbs)
	Full-assembled 0.9m: 8.3kg (18.3Lbs)
Export Carton Size (Separated package)	Heading: 280×280×275mm (11.02"×11.02"×10.83")
	Bollard 0.5m: 505×210×215mm (19.88"×8.27"×8.46")
	Bollard 0.9m: 915×210×215mm (36.02"×8.27"×8.46")
Gross Weight (Separated package) (±0.3kg/±0.66Lb)	Heading: 3.46kg (7.63Lbs)
	Bollard 0.5m: 2.94kg (6.48Lbs)
	Bollard 0.9m: 4.9kg (10.8Lbs)
Mounting Option	Mounting kit with anchor bolts
Material	Aluminum alloy
	Polycarbonate optical lens
	LiFePO4 battery
	Mono-Crystalline solar panel
Finish	Powder coating
Fixture Color	Black (RAL 9017)
EPA	NA
IK Rating	IK07
IP Rating	IP66
Category of Corrosion	C3

## Applications

- Gardens
- Pathways
- Sidewalk
- Building Entrance

## Lifespan and Warranty

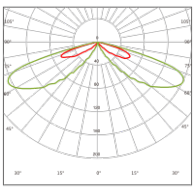
<b>Operating Temperature</b>		0°C to + 50°C (32°F to 122°F)
<b>Lifetime of LED @Ta=25 °C</b>		80,000hrs-L90
		169,000hrs-L80
		271,000hrs-L70
<b>Warranty</b>	<b>Battery</b>	3 Years
	<b>Other accessories</b>	5 Years

## New Features

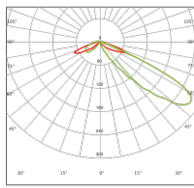
\* Please consult us for details.

## Photometry

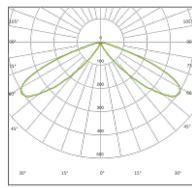
### 3W Beam Angle



A03201



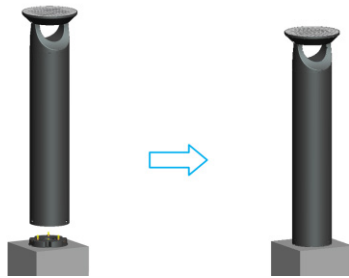
A03202



A03203

## Mounting Options

Mounting kit with anchor bolts



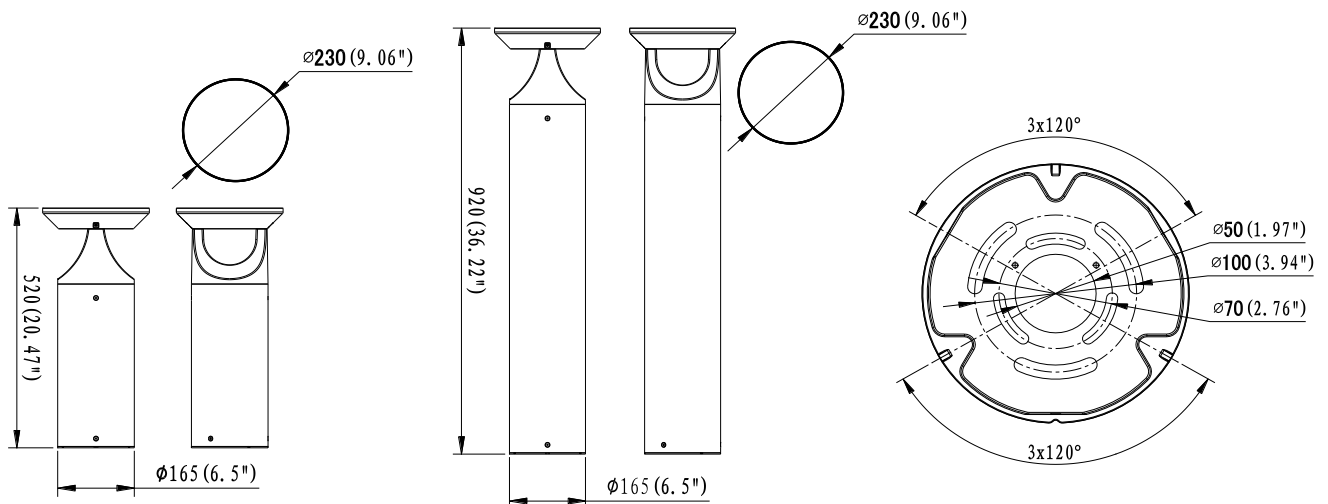
## Dimensions

0.5m

0.9m

Base plate templates

Unit:mm/inch



## Accessories



**Remote Control**  
Remote control for solar LED bollard light

Code: R-SLB05



**Round House Side Shield**  
To reduce glare light

Code: A-BL05-02



**Backfilled Anchor**  
Q235 + SPCC, hot dip galvanizing  
φ130x508mm.

Code: MT-BL05/SLB05