



Electrical Information								
Model No.	SLB05-003							
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 mention of rainy days is for reference only; the actual working days is dependent on local solar irradiation.

Description

LFST30 Solar Pathfinder is an innovative LED Solar bollard light which got enhanced in both aesthetic and creative. IP66, mono-crystalline solar panel, UV resistant PC material, with architectural design is quite popular in pathway areas, gardens, sidewalks, building entrance, etc.

Key Features

- IP66 and IK07
- Unique and gorgeous appearance
- Professional Type IV / Type III 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 (A03201) / 320lm (A03201) / 420lm (A03203)
Efficacy (4000K Ra80)	115lm/W (A03201) / 105lm (A03201) / 140lm/W (A03203)
Correlated Color Temperature	4000K (3000K, 5000K optional)
Color Rendering Index	Ra80 (Ra70 optional)
Beam Angle	Type V (A03201), Type IV (A03202), Type V (A03203)
UGR level	NA
Amber LEDs (optional)	Pure amber; Dominant wavelength, ~590nm; CCT, 1700K; Chromacity coordinates, x = 0.59, y = 0.41; Efficacy, 30 lm/W.

Dimensions and Mount	
Product Dimension	0.5m: Φ230×520mm (Φ9.06"×20.47") 0.9m: Φ230×920mm (Φ9.06"×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

Operating Temperature 0°C to + 50°C(32°F to 122°F)

80,000hrs-L90

Lifetime of LED @Ta=25 °C 169,000hrs-L80

271,000hrs-L70

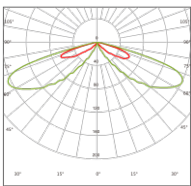
Warranty **Battery** 3 Years

Other accessories 5 Years

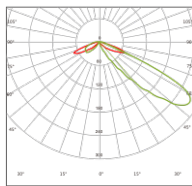
New Features

** Please consult us for details.*

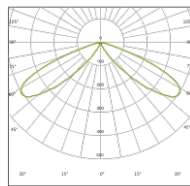
Photometry



Type V (A03201)



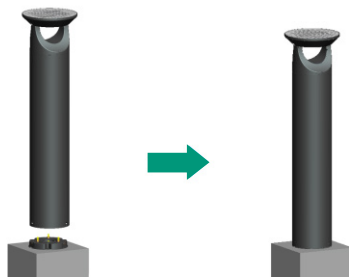
Type IV (A03202)



Type V (A03203)

Mounting Options

Mounting kit with anchor bolts



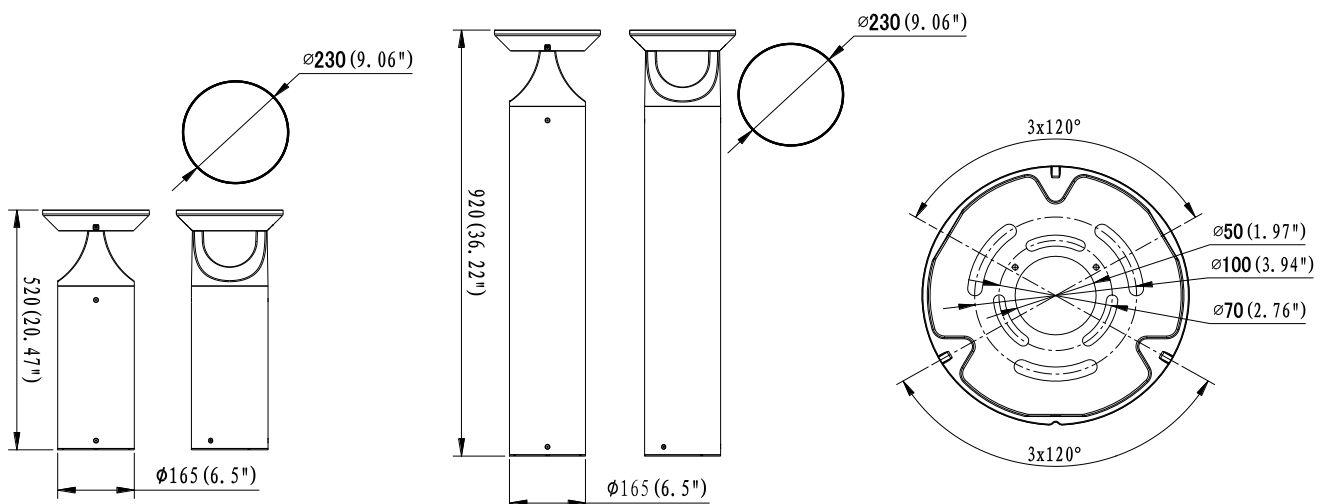
Dimensions

0.5m

0.9m

Base plate templates

Unit:mm/inch



Accessories



Remote Control
Remote control for solar LED bollard light

Code: SG-Unit-32



Round House Side Shield
To reduce glare light

Code: BC-B01-01



Backfilled Anchor
Q235 + SPCC, hot dip galvanizing $\varnothing 130 \times 508$ mm.

Code: MT-B01-02