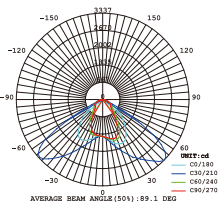


Technical parameters

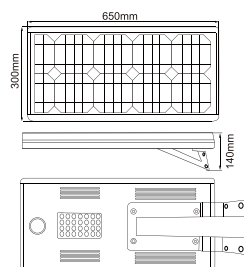
BS-FL-12/15/20

- Innovative all in one design, concentrating on the core components and microwave sensors of the solar street lights, which create the extreme simple solar road applications.
- Integrated solar street light and intelligent MPPT energy management system, ensuring more energy provided to light source.
- Humanize intelligent remote control technology which has multi-working modes (working mode can be customized).
- Per light can be equipped with a hand-held remote, easily switched from 4 working modes, more convenient for resell.
- Replacing the PIR motion sensor, result in the microwave motion sensor more accurate than the PIR sensor in detecting moving object, detection distance is up to 15 meters.
- Easy to install in 5 mins, save 80% installation fee, labor cost and transport fee.
- It is powered by solar energy, without electricity bill, supporting 3 rainy days; the microwave sensor will be automatically on/off.

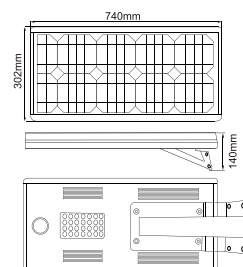
Spectrum Chart



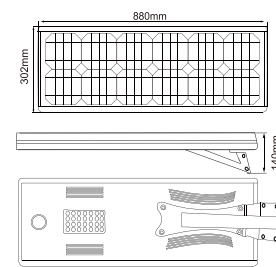
Model No.	BS-FL-12	BS-FL-15	BS-FL-20
Light Source Power	12W	15W	20W
Lamp Rated Total Luminous Flux	1440-1560lm	1800-1950lm	2400-2600lm
Beam Angle	140°×60°		
Color Temperature (CCT)	3500K-6000K		
Color Rendering Index (CRI)	≥75		
IP Rating	IP65		
Storage Temperature	-20°C~45°C		
Solar Panel (Mono PV Module Power)	25W/18V	32W/18V	40W/18V
Lithium Battery (LiFePO4)	15AH/12.8V	15AH/12.8V	18AH/12.8V
Solar Charge Controller	12V-24V / 10A		
Working Temperature	-20°C~60°		
Working Hours (Bright Mode)	12H		
Working Hours (Dim Mode)	30H		
Charge Temperature	0°C~60°		
Discharge Temperature	-20°C~60°		
Working Time	4~5 raining days		
Height Of Pole	4-5m	4-5m	5-6m
Distance Between Pole	10-13m	10-13m	13-16m
Working Mode	time/light/microwave/time+microwave control		



BS-FL-12



BS-FL-15



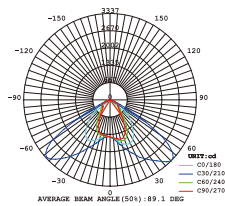
BS-FL-20

Technical parameters

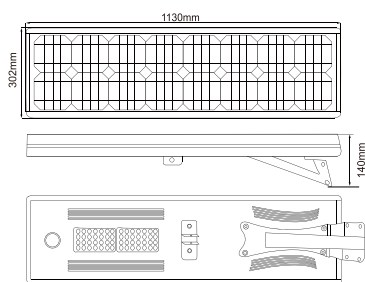
BS-FL-30/40/50

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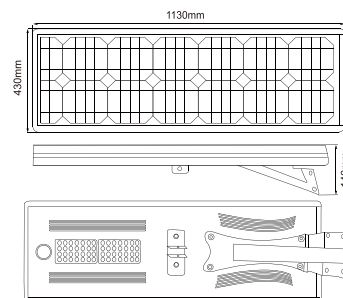
Spectrum Chart



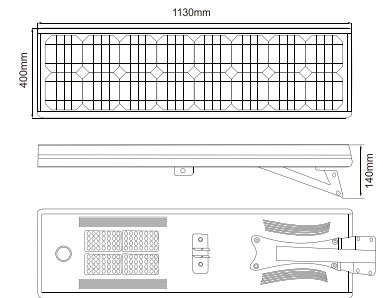
Model No.	BS-FL-30	BS-FL-40	BS-FL-50
Light Source Power	30W	40W	50W
Lamp Rated Total Luminous Flux	3600-3900lm	4800-5200lm	6000-6500lm
Beam Angle	140°×60°		
Color Temperature (CCT)	3500K-6000K		
Color Rendering Index(CRI)	≥75		
IP Rating	IP65		
Storage Temperature	-20°C~45°C		
Solar Panel (Mono PV Module Power)	50W/18V	68W/18V	80W/18V
Lithium Battery(LiFePO4)	21AH/12.8V	27AH/12.8V	33AH/12.8V
Solar Charge Controller	12V-24V / 10A		
Working Temperature	-20°C~60°		
Working Hours(Bright Mode)	12H		
Working Hours(Dim Mode)	30H		
Charge Temperature	0°C~60°		
Discharge Temperature	-20°C~60°		
Working Time	4~5 raining days		
Height Of Pole	6-7m	7-8m	7-8m
Distance Between Pole	16-19m	19-23m	23-27m
Working Mode	time/light/microwave/time+microwave control		



BS-FL-30



BS-FL-40



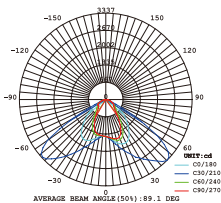
BS-FL-50

Technical parameters

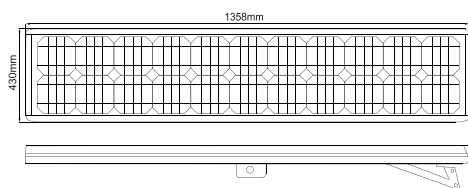
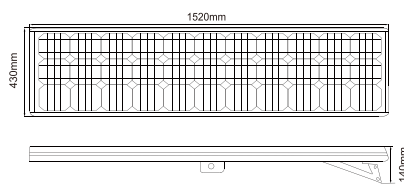
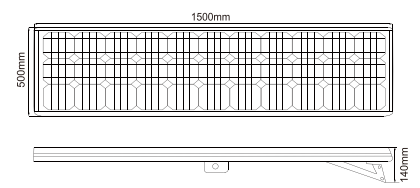
BS-FL-60/80/100

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Spectrum Chart



Model No.	BS-FL-60	BS-FL-80	BS-FL-100
Light Source Power	60W	80W	100W
Lamp Rated Total Luminous Flux	7200-7800lm	9600-10400lm	12000-13000lm
Beam Angle	140°×60°		
Color Temperature (CCT)	3500K-6000K		
Color Rendering Index (CRI)	≥75		
IP Rating	IP65		
Storage Temperature	-20°C~45°C		
Solar Panel (Mono PV Module Power)	110W/18V	120W/36V	140W/36V
Lithium Battery (LiFePO4)	39AH/12.8V	24AH/25.6V	27AH/25.6V
Solar Charge Controller	12V-24V / 10A		
Working Temperature	-20°C~60°		
Working Hours (Bright Mode)	12H		
Working Hours (Dim Mode)	30H		
Charge Temperature	0°C~60°		
Discharge Temperature	-20°C~60°		
Working Time	4~5 raining days		
Height Of Pole	9-10m	10-11m	9-10m
Distance Between Pole	27-31m	30-35m	30-33m
Working Mode	time/light/microwave/time+microwave control		


BS-FL-60

BS-FL-80

BS-FL-100