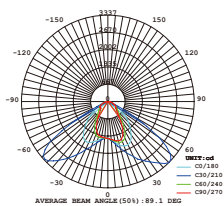


## Technical parameters

### CSF80/100

- Integrated design makes for easy installation, saving on labor and transportation fees.
- Have a 4 day back up and can be recharged to full capacity in 5-7 hours of sunlight.
- Can be wirelessly controlled, and the included remote control can be used to switch between 4 intelligent working modes.
- Each unit is equipped with a smart microwave sensor which adjusts the brightness according to the mode chosen.
- Lithium iron phosphate (LiFePO4) batteries have a longer life span, are safer, and environmentally friendlier than traditional lead acid batteries.
- Wireless management system available to control large street light networks
- The main frame is made of commercial grade, anti-corrosive aluminum alloy materials.
- CE, ROHS, FCC, IP65 certified. 5 year warranty\*.

### Spectrum Chart



Model No.	CSF80	CSF100
Light Source Power	80W	100W
Lamp Rated Total Luminous Flux	13800lm	16000lm
Beam Angle	150°×80°	
Color Temperature (CCT)	3000K-6500K( default 5000K )	
Color Rendering Index(CRI)	≥75	
IP Rating	IP65	
Storage Temperature	-4°F~113°F	
Solar Panel (Mono PV Module Power)	110W/18V	130W/18V
Lithium Battery(LiFePO4)	48AH/12.8V	51AH/12.8V
Solar Charge Controller	12V-24V / 10A	
Working Temperature	-4°F~140°F	
Working Hours(Bright Mode)	9H	
Working Hours(Dim Mode)	30H	
Charge Temperature	0°F~140°F	
Discharge Temperature	-4°F~140°F	
Working Time	Continuously 4 - 5 rainy days ,	
Height Of Pole	26' -30'	26' -33'
Distance Between Pole	98' -115'	98' -115'
Working Mode	time/light/microwave/time+microwave control	

