

General

- Low profile design
- Photocell sensor
- Deep cycle battery will charge and discharge over 2000 times
- Works continuously 2-3 rainy days in intelligent mode
- Reserved sensor location for easy installation
- Powdering/PC + Tempered Glass
- Up to 177lm/w
- 8 Hour charge time
- 3000K-6500K CCT



Exclusive Free
Battery Recycling
Program

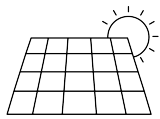


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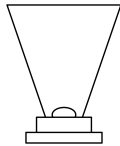


5G Remote Access

- Monitor
- Set Timing
- Get Alerts



Monocrystalline
Solar Module



Philips Lumileds
Luxeon 5050 Chips



IP65



Bluetooth
Programming
(optional)



Certifications



AMERICAN COMBAT VETERAN OWNED COMPANY



405-673-8684

www.gridshiftsolar.lighting

Corporate: 2803 Broadway Ct. Edmond, OK 73013
California: 1341 Distribution Way, Suite 20, Vista, CA 92081

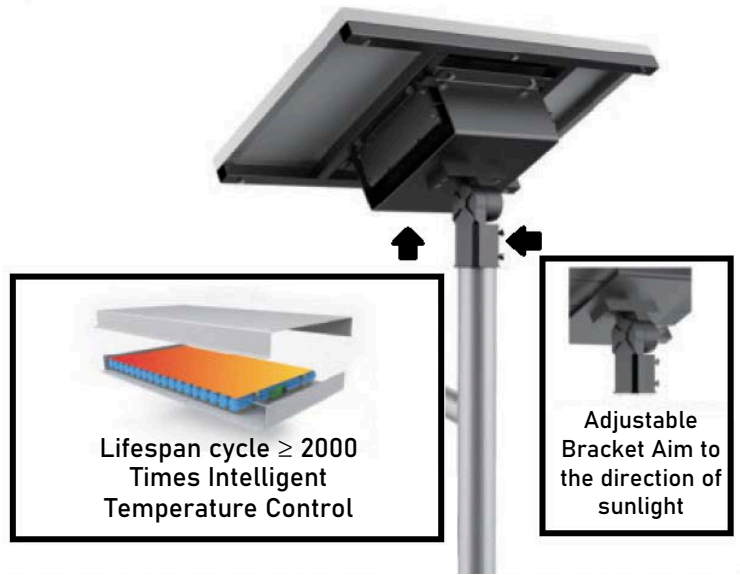
Cuesta Sol is a trademark of GridShift Solutions, LLP



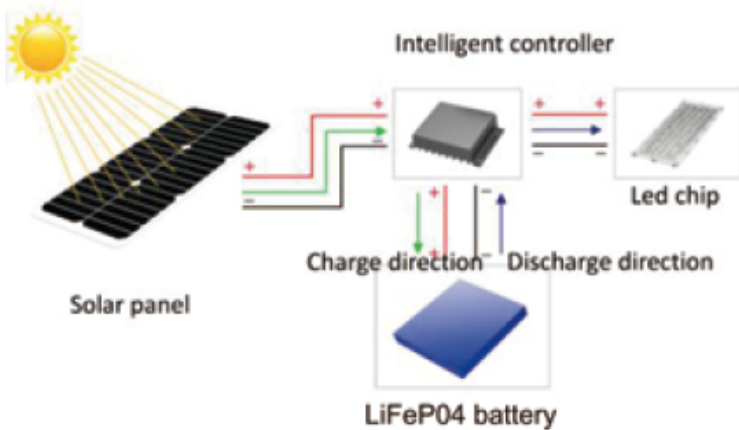
Wounded Warrior Project

Construction

- Solar assembly construction marine grade aluminum and stainless steel
- UV stabilized polyester powder paint finish for durability and corrosion resistance
- Mounting options: side entry installation
- Streamlined design to reduce wind resistance



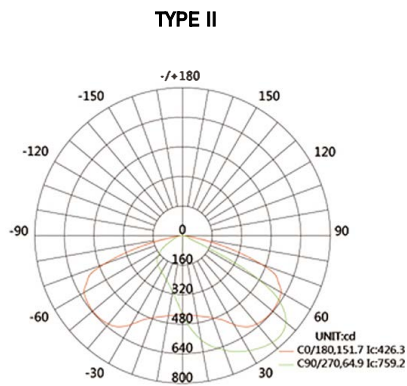
Solar Panel



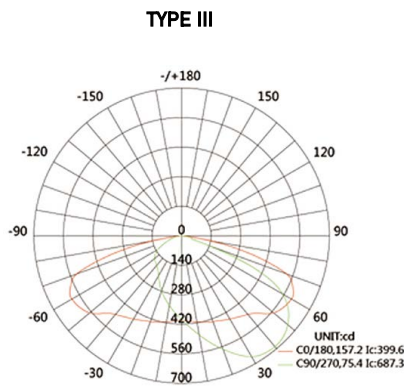
- 25 Year Lifespan
- Conversion rate up to 30%
- Integral monocrystalline silicon solar panel

Where there is light radiation, photovoltaic modules are converted to electric energy by solar radiation. Then the intelligent controller is used to charge electric energy into the lithium iron phosphate battery. At the same time, the intelligent controller will protect the overcharge and over discharge of the battery. The lighting switches and adjusts intelligent control without manual operation.

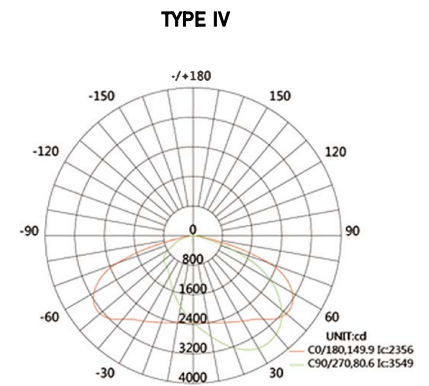
Photometry



Average Beam Angle (50%): 108.3° Unit:cd



Average Beam Angle (50%): 116.3° Unit:cd



Average Beam Angle (50%): 115.3° Unit:cd



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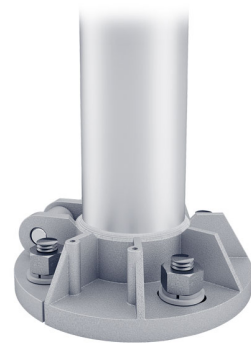
Base Options



4-Bolt Base



T-Base



Hinged Base

Multiple decorative and custom arm & pole options are available.
Please consult factory for full list of options.



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	CS-PRE-MIS-20W	CS-PRE-MIS-40W	CS-PRE-MIS-60W	CS-PRE-MIS-80W	CS-PRE-MIS-100W
Wattage	20W	40W	60W	80W	100W
LED Chip	5050	5050	5050	5050	5050
Lumen Output	3540lm	6680lm	10080lm	13440lm	16800lm
Efficacy	177lm/w	167lm/w	168lm/w	168lm/w	168lm/w
Optional Beam Angle	T2/T3/T4				
CRI	>Ra70, >Ra80, >Ra90				
Input Voltage	12-24V DC				
Photovoltaic Panel	Double Crystal Photovoltaic Panel				
Solar Panel	18V/70W	18V/130W	36V/200W	36V/260W	36V/280W
Lithium-Ion Battery	691.2WH 12.8V 54AH	1382.4WH 12.8V 102AH	2150.4WH 25.6V 84AH	2611.2WH 25.6V 102AH	2611.2WH 25.6V 102AH
Discharge Time (Full Charge)	30 Hours				
Installation Height	10-13ft	16-19ft	22-26ft	29-32ft	36-39ft
Working Temperature	14°F to 122°F				
Charging Temperature	32°F to 113°F				
Control System	MPPT Intelligent Controller				
Motion Sensor Mode	30%-100% 102hrs (Max) 20%-80% 155hrs (Max)				
Constant Mode (Full Charge)	100% 30hrs 70% 45hrs 40% 78hrs				
Control Options	Photocell sensor, timing, dimming, intelligent power saving, microwave sensor available				

Model #	Watts	Voltage	Sensor Type (00-Without SN-Motion PH-Photocell DV-Dimmable)	Color Temp in 100K	CRI	Available Optic Types	Optional 5G Remote Access (Yes/No)
Cuesta Sol CS-PRE-MIS	20	NV=12 DC	00 / SN / PH / DV	30K / 40K / 50K / 57K / 65K	70 CRI / 80 CRI	II / III / IV / V	Y / N
Cuesta Sol CS-PRE-MIS	40	NV=12 DC	00 / SN / PH / DV	30K / 40K / 50K / 57K / 65K	70 CRI / 80 CRI	II / III / IV / V	Y / N
Cuesta Sol CS-PRE-MIS	60	NV=24V DC	00 / SN / PH / DV	30K / 40K / 50K / 57K / 65K	70 CRI / 80 CRI	II / III / IV / V	Y / N
Cuesta Sol CS-PRE-MIS	80	NV=24V DC	00 / SN / PH / DV	30K / 40K / 50K / 57K / 65K	70 CRI / 80 CRI	II / III / IV / V	Y / N
Cuesta Sol CS-PRE-MIS	100	NV=24V DC	00 / SN / PH / DV	30K / 40K / 50K / 57K / 65K	70 CRI / 80 CRI	II / III / IV / V	Y / N

Ordering Description Example							
Cuesta Sol CS-PRE-MIS	60	NV=24V DC	SN	50	80	IV	Y

Ordering Description							
Cuesta Sol CS-PRE-MIS	20	NV=12 DC					
Cuesta Sol CS-PRE-MIS	40	NV=12 DC					
Cuesta Sol CS-PRE-MIS	60	NV=24V DC					
Cuesta Sol CS-PRE-MIS	80	NV=24V DC					
Cuesta Sol CS-PRE-MIS	100	NV=24V DC					



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