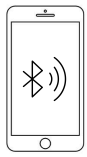
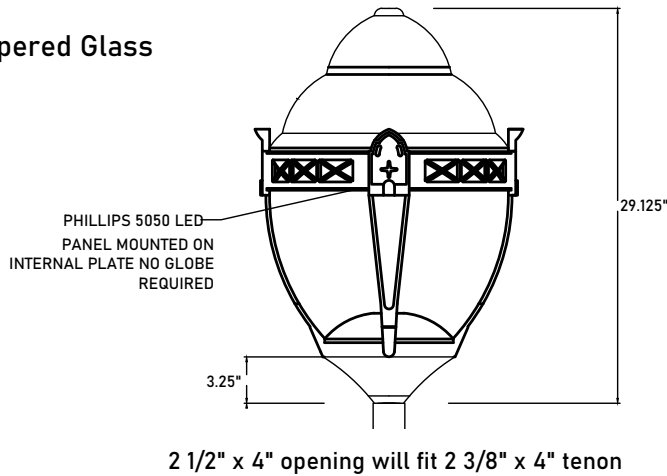
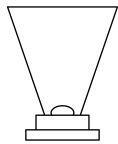


General

- 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



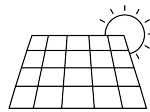
Bluetooth Programming (optional)



Philips Lumileds Luxeon 5050 Chips



IP65



Monocrystalline Solar Module



Available with:



5G Remote Access

- Monitor
- Set Timing
- Get Alerts



Exclusive Free Battery Recycling Program

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

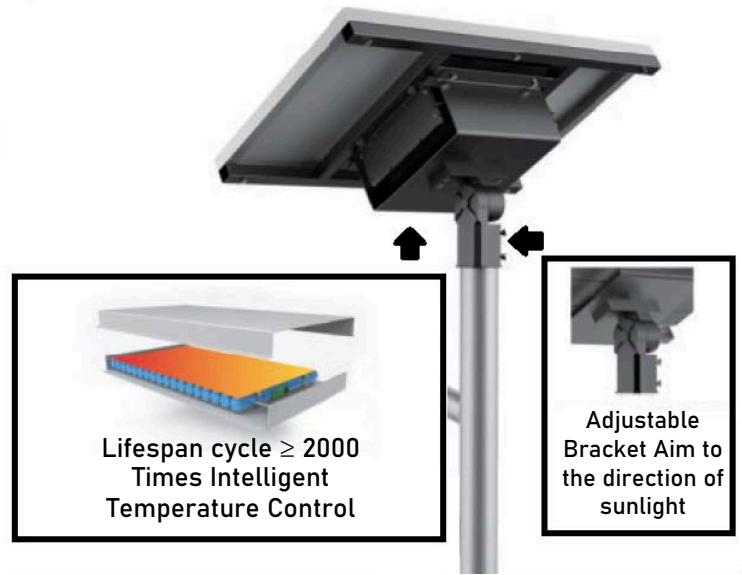
Cuesta Sol is a trademark of GridShift Solutions, LLP



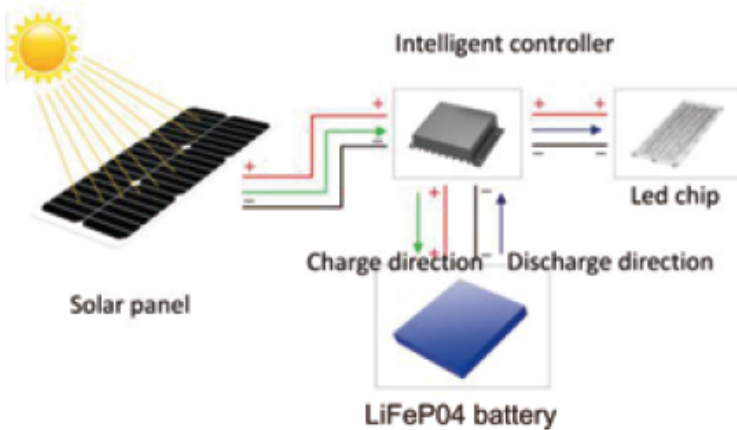
Wounded Warrior Project

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



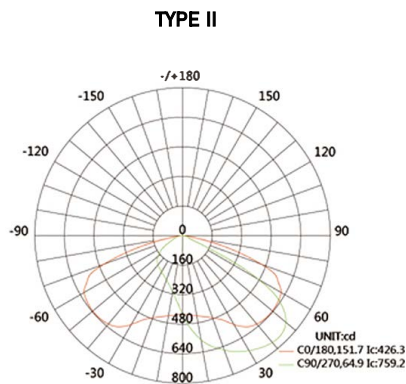
Solar Panel



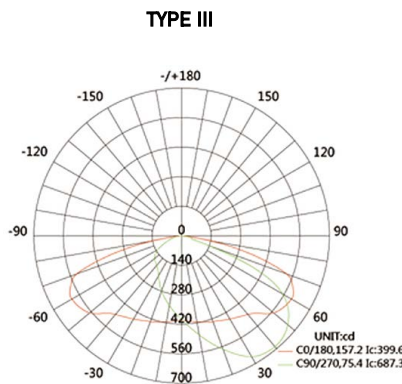
- 25 Year Lifespan
- Conversion rate up to 30%
- Integral monocrystalline silicon solar panel

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.

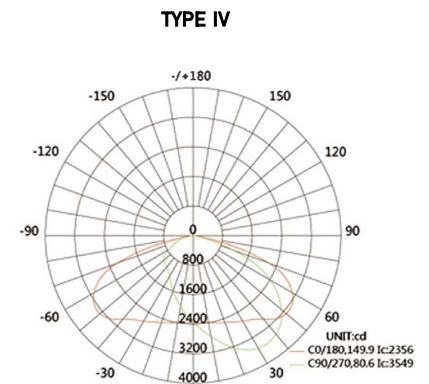
Photometry



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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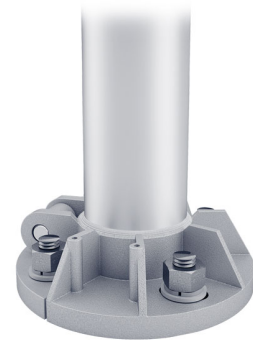
Base Options



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-SEN-20W	CS-PRE-SEN-40W	CS-PRE-SEN-60W
Wattage	20W	40W	60W
LED Chip	5050	5050	5050
Lumen Output	3540lm	6680lm	10080lm
Efficacy	177lm/w	167lm/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
Lithium-Ion Battery	691.2WH 12.8V 54AH	1382.4WH 12.8V 102AH	2150.4WH 25.6V 84AH
Discharge Time (Full Charge)	30 Hours		
Installation Height	10-13ft	16-19ft	22-26ft
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-SEN	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-SEN	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-SEN	60	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-SEN	60	NV=24V DC	SN	50	80	IV	Y

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



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