



AC

BE PREPARED

DONT LOSE YOUR STREET LIGHTS WHEN THE NEXT POWER OUTAGE STRIKES

DC



FLOOD



EARTHQUAKE



HURRICANES



FIRE OR THREAT OF

AC POWERED LED STREET LIGHT WITH INTEGRATED AUTOMATIC DC SOLAR POWERED BACK UP SYSTEM

DELIVERS 180 LUMENS PER WATT POWERED BY AC

BUILT IN AC DRIVE CURRENT SELECTOR SWITCH



Exclusive Free Battery Recycling Program



During the darkest hours, allow your lights to shine on with the Cuesta Sol Emergency Street Light (ESL) Solar Powered Integrated Battery Back Up System




Certifications

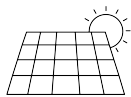


OPTIONS
Motion Sensor & Light Shield

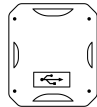


10 Year Available
15 Year Available

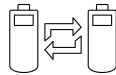
Model #	Solar Panel Wattage	Battery	Charge Time (In Hours)		BUG Rating
CS-ESL-2529-15W	70	48AH 12.8V	8	40 hrs	B1-U0-G1
CS-ESL-2529-20W	70	48AH 12.8V	8	30 hrs	B1-U0-G1
CS-ESL-2529-25W	70	48AH 12.8V	8	26 hrs	B1-U0-G1
CS-ESL-2529-30W	70	48AH 12.8V	8	22 hrs	B1-U0-G1
CS-ESL-2529-35W	70	48AH 12.8V	8	20 hrs	B1-U0-G1



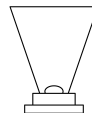
Monocrystalline Solar Module



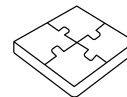
Self Learning Controller



LiFePO4 Lithium-Iron Battery



Philips Lumileds Luxeon 5050 Chip



All-in-One



Optional Motion Sensor



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

GRIDSHIFT™
SOLAR LIGHTING



Wounded Warrior Project

• Residential • Parking Lots • Sports & Playgrounds • Pathways • Parks • Security •



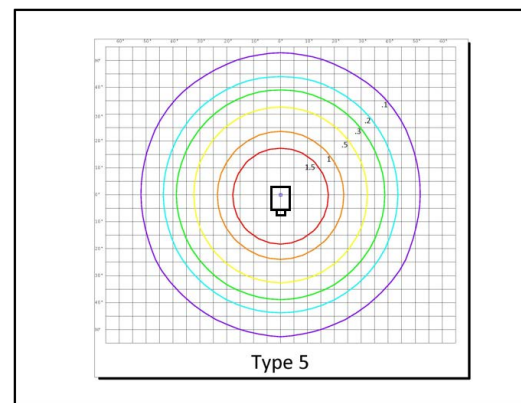
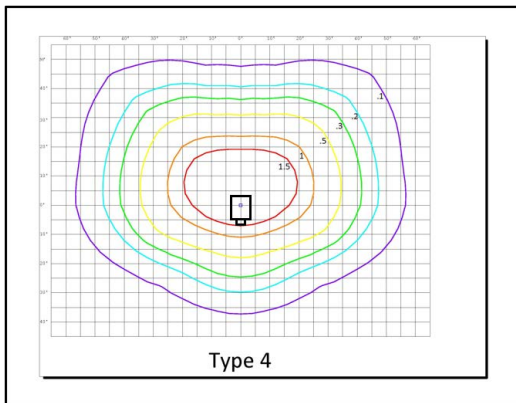
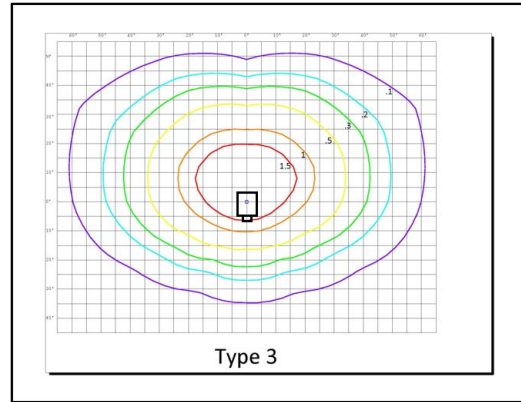
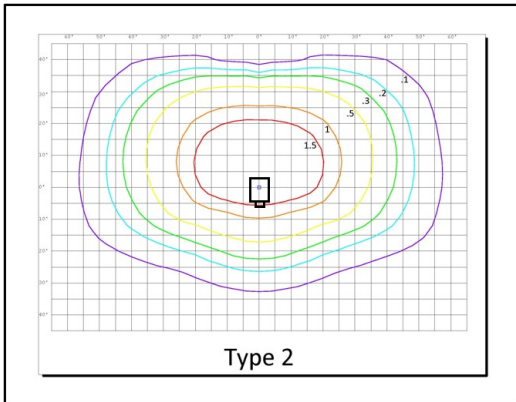
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Photometrics



*Please note, for pattern reference only. Model shown is 30W at 20' mounted height. Email for current IES files.



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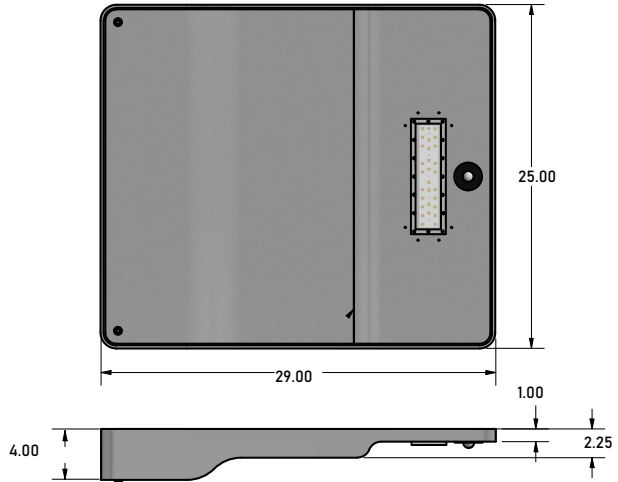
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 Comes with internal mounting system
 with 2.5" dia. x 7" deep opening

EPA = .54

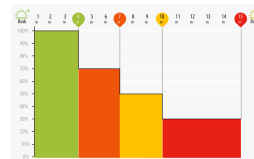
Model #	Watts	Lumens	Available Optic Types	Color Temp in 100K	Fixture Profile Codes	Color (BLK-Black/BRZ-Bronze/GRY-Grey/CUST-Custom)
Cuesta Sol CS-ESL-2529	15	2700	II / III / IV / V	30K / 40K / 50K / 57K / 65K	(See Profile Codes)	BLK / BRZ / GRY / CUS
Cuesta Sol CS-ESL-2529	20	3600	II / III / IV / V	30K / 40K / 50K / 57K / 65K	(See Profile Codes)	BLK / BRZ / GRY / CUS
Cuesta Sol CS-ESL-2529	25	4500	II / III / IV / V	30K / 40K / 50K / 57K / 65K	(See Profile Codes)	BLK / BRZ / GRY / CUS
Cuesta Sol CS-ESL-2529	30	5400	II / III / IV / V	30K / 40K / 50K / 57K / 65K	(See Profile Codes)	BLK / BRZ / GRY / CUS
Cuesta Sol CS-ESL-2529	35	6300	II / III / IV / V	30K / 40K / 50K / 57K / 65K	(See Profile Codes)	BLK / BRZ / GRY / CUS

Ordering Description Example						
Cuesta Sol CS-ESL-2529	15	2700	III	30K	A	BLK

Ordering Description						
Cuesta Sol CS-ESL-2529	15	2700				
Cuesta Sol CS-ESL-2529	20	3600				
Cuesta Sol CS-ESL-2529	25	4500				
Cuesta Sol CS-ESL-2529	30	5400				
Cuesta Sol CS-ESL-2529	35	6300				


Standard Profile

- a. On at dusk 100% to dawn.
- b. SMART controller prevents "dark" nights by adjusting to use available power.


Custom Profiles Avail.

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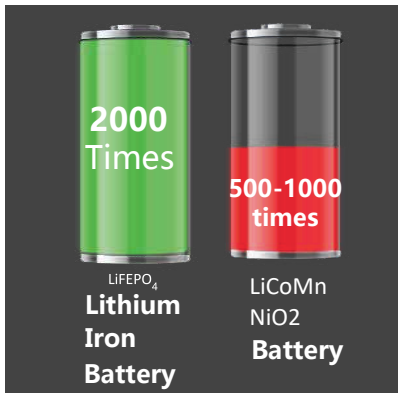

Solar Panel



High Efficiency Mono-Crystalline Module

18.5% photoelectric Conversion Efficiency
Ending with 85% output in 20 years
3.2mm tempered glass lamination for excellent
mechanical load resistance.

Lithium Iron Battery



Lithium Iron Phosphate Battery (LiFe P04)

This integrated solar street lamp series uses high-efficiency lithium iron phosphate battery, high temperature performance, high current discharge, and has a cycle life of more than 2000 times.

Led Chip

LUMILEDS



LUXEON 5050

Philips Lumileds Luxeon 5050 Chip

By using the Philips luxeon LED chips, our single lumen value is 180Lm/w. It has excellent heat dissipation and maintains high levels of brightness with little fading. The sealed lenses are made with strong UV protected PC and have anti-aging and shock resistant values. The well optimized light distribution makes for a uniform photometric footprint.

Burn Time

Burn Time Certification



Burn Time Testing works in conjunction with ASTM standards to evaluate and validate the solar luminaire's performance in a controlled environment based on your required lighting profile. This testing also equalizes the environment, tests the products performance, and provides reliable results that can be compared without subjectivity. Burn Time Testing ensures that the product being considered has undergone stringent, objective, 3rd party testing



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