## Features & Benefits

- **All in One Design**
  - Solar panel, battery & controller in one attractive luminaire
  - Low EPA
  - Less Strain on Pole
  - Lower Installation Cost
  - Easy to Convert to Solar

- **Superior Technology Solutions**
  - Brightest Output
  - CERTIFIED Burn Time Performance
  - Longest life
  - Smart Controller

- **Smart Technology**
  - Automatic Light & Time Control
  - Infrared Human Sensor (PIR)
  - Microwave Sensor
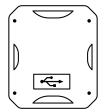 - Web based control/monitoring available

CORE RESTORE

Exclusive Free Battery Recycling Program

Certifications

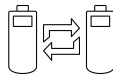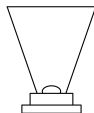BT BURN TIME CERTIFIED   CE   FC   RoHS COMPLIANT   IP65 RATED
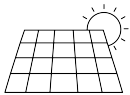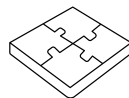

| Bifacial Solar Module | Self Learning Controller | LiFePO4 Lithium-Iron Batteries | Philips Lumileds Luxeon 5050 Chip | All-in-One | Anti-Typhoon | Optional Motion Sensor | IP65 |

AMERICAN COMBAT VETERAN OWNED COMPANY
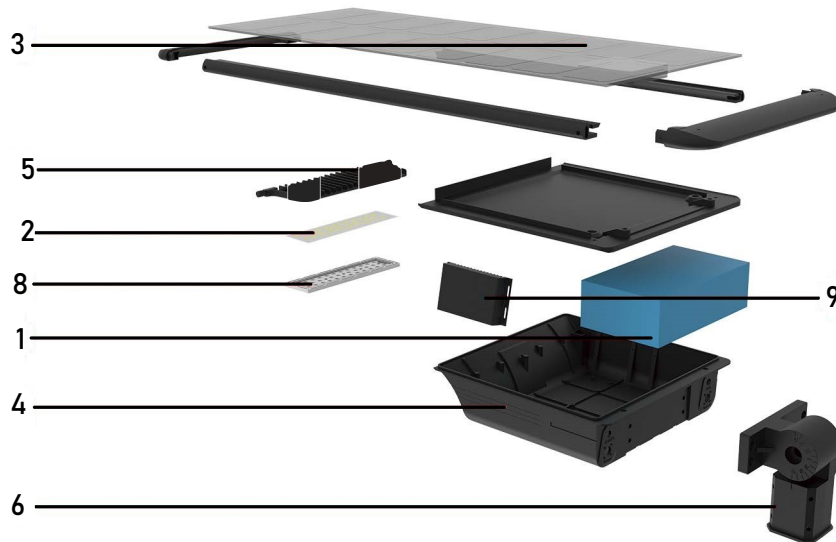
405-673-8684
www.gridshiftsolar.lighting

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

CORPORATE CHAMPION
WOUNDED WARRIOR PROJECT
Wounded Warrior Project

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

Cuesta Sol™

Features

1. Easy battery replacement design, can be renewed for 7 years. Ultra-high light efficiency, 10 watts equivalent to 20 watts of others at least.
2. Bilateral solar panels, the overall conversion efficiency is increased by 30%.
3. Unique anti-theft technology on battery door.
4. Rotatable LED module, worry-free installation, best solar panel angle adapt to the sun.
5. The various installation methods suit for any application likes light poles, wall surface and etc.
6. From 10 to 60 watts, can replace the traditional 35-240 watts, meeting all road application conditions.
7. More than 30 different optical road lighting designs, adapt to various road conditions but no waste of light.
8. PIR/microwave motion sensor and smart controller all built in. AC and DC complementary, also USB power and alarm supply when emergency use.
9. Remote system control.

Rotatable LED Module

Optional Bird Scarer

Sensor

Power Switch

Charging Port

USB

Upgrade Port

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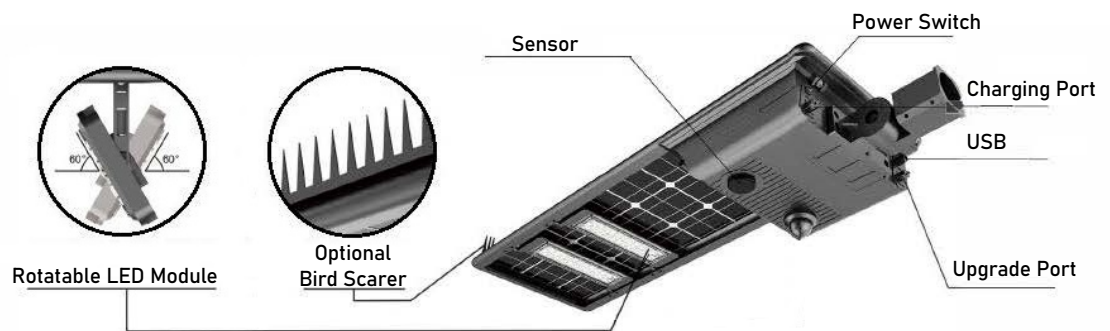**Cuesta Sol is a trademark of GridShift Solutions, LLP**

GRIDSHIFT™
SOLAR LIGHTING

CORPORATE CHAMPION
Wounded Warrior Project

Technical Specifications

- Operating time: 15 hours full power, intelligent mode 5-7 days.

- Input Voltage: 12-24V constant voltage.

- Control Mode: Light Control+ Motion Sensor/Time Control/PIR Built In.

- Working Mode: 30% intensity for first 4 hrs, 100% bright with motion, then 30% intensity, and 70% intensity with motion.

- Housing: Die-Casting Aluminum, Anti-Corrosion

- Life Hours: >50,000 hours.

- 3000K/4000K/5000K/5700K/6500K available. CRI: 70/80

Bracket Options

(Custom brackets available)
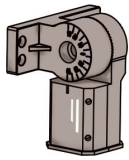
| Standard Slip Fit | CS-MB-2 | CS-MB-3 | CS-MB-4 |
| 2 3/8" Tenon | Square Pole/Wall Mount | Fixed angle | Wall Mount |

| Model	Wattage	Lumens	Efficacy	Solar Panel	Battery Voltage	Battery Wattage	Battery Charging Time	Optical Lens	IP Rating	Installation Height	Fixture Dimension	Weight	EPA
CS-COM-SSL-20W	20w	4174lm	210lm/w	40W/18V	12.8V 18AH	230.4WH	5.76 Hrs	65*150°/ 75*160°/ 90*100°/ 120°	IP65	16.40' – 22.97'	31.22" x 14.37" x 8.32"	28.44 lbs	.67
CS-COM-SSL-40W	40w	8382lm	209lm/w	60W/18V	12.8V 30AH	384WH	6.40 Hrs		IP65	19.69' – 29.52'	43.43" x 14.37" x 8.32"	35.71 lbs	.76
CS-COM-SSL-60W	60w	12480lm	208lm/w	80W/18V	12.8V 42AH	537.6WH	6.72 Hrs		IP65	22.97' – 39.37'	55.83" x 14.37" x 8.32"	43.21 lbs	.85

Dimensions
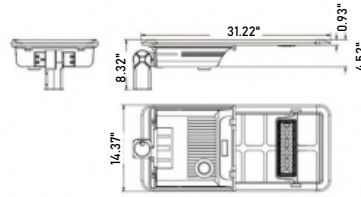
CS-COM-SSL-20W
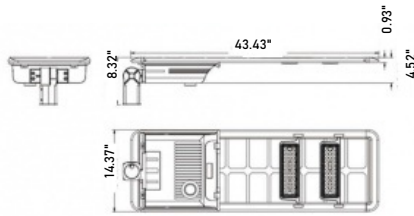
CS-COM-SSL-40W
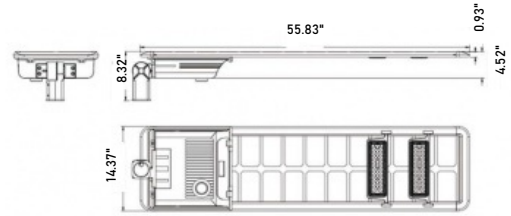
CS-COM-SSL-60W

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CS-COM-SSL-20W   CS-COM-SSL-40W   CS-COM-SSL-60W

Ordering

Model#	Wattage	Voltage	LED Chips	Sensor	CCT & CRI	Distribution	Mount	Options
CS-COM-SSL	20W	DC=12-24V	L5= LUMILED 5050	00=Without Sensor	3070=3000K 70CRI	T2=T202	A=Standard Slip Fit	SP=Surge Protector
	40W			SN=Motion Sensor	3080=3000K 80CRI	T3=T302	B= CS-MB-2	IC=Intelligent Control
	60W			DV=Dimmable	4070=4000K 70CRI	T4=T402	C=CS-MB-3	
				PH=Photocell	4080=4000K 80CRI	T5-T502	D=CS-MB-4	
					5070=5000K 70CRI			
					5080=5000K 80CRI			
					5770=5700K 70CRI			
					5780=5700K 80CRI			
					6570=6500K 70CRI			
					6580=6500K 80CRI			

Ordering Description Example								
CS-COM-SSL	40W	DC	L5	SN	5080	T3	D	IC

Ordering Description								
CS-COM-SSL								