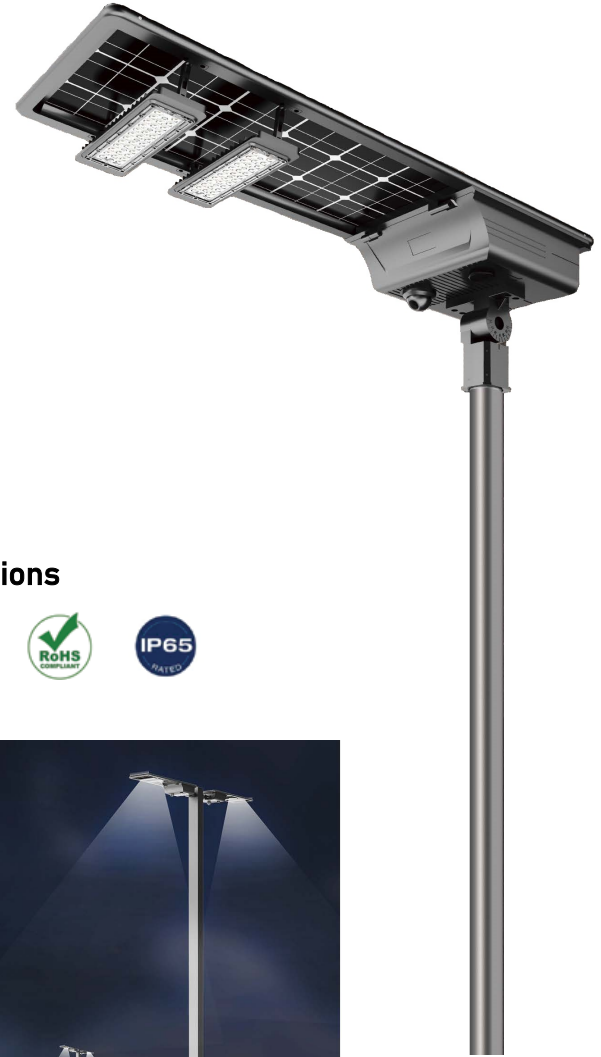


Features & Benefits

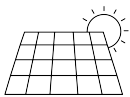
- All in One Design
 - Solar panel, battery & controller in one attractive luminaire
 - Low EPA
 - Less Strain on Pole
 - Lower Installation Cost
 - Easy to Convert to Solar
- Superior Technology Solutions
 - Brightest Output
 - CERTIFIED Burn Time Performance
 - Longest life
 - Smart Controller
- Smart Technology
 - Automatic Light & Time Control
 - Infrared Human Sensor (PIR)
 - Microwave Sensor
 - Web based control/monitoring available



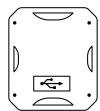
Exclusive Free
Battery Recycling
Program



Certifications



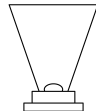
Bifacial
Solar Module



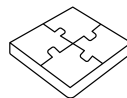
Self Learning
Controller



LiFePO4
Lithium-Iron
Batteries



Philips Lumileds
Luxeon 5050
Chip



All-in-One



Anti-Typhoon



Optional
Motion Sensor



IP65



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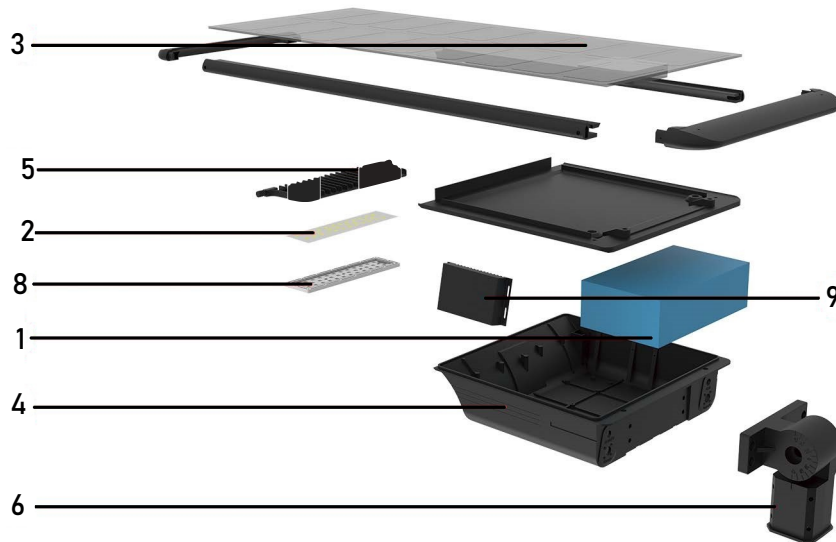
GRIDSHIFT™
SOLAR LIGHTING

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

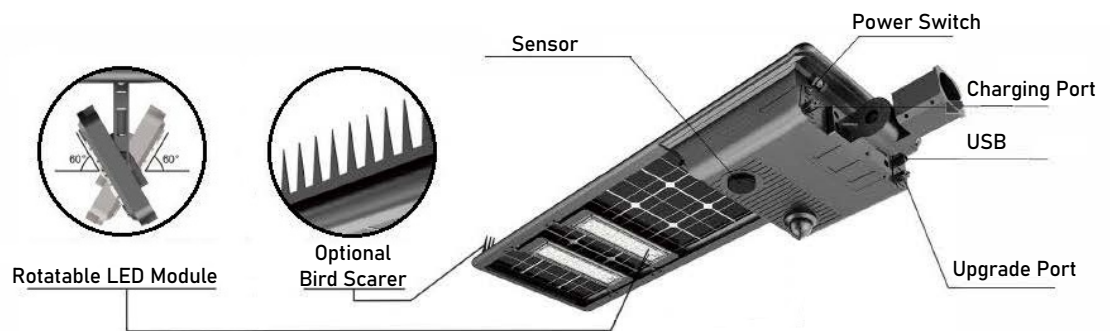
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Wounded Warrior Project

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.


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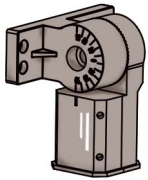
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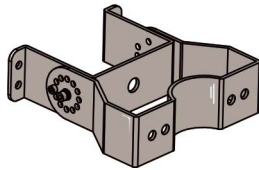
Technical Specifications

- 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% of intensity at first 4 hrs, 100% bright when people or car pass by, then rest of time 30% of intensity, and 70% of intensity when people pass by.
- Housing: Die-Casting Aluminum, Anti-Corrosion.
- Life Hours: >50,000 hours.
- 3000K/4000K/5000K/5700K/6500K available. CRI: 70/80

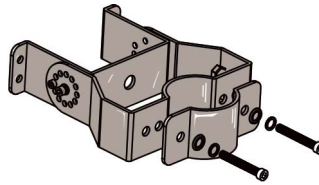
Bracket Options



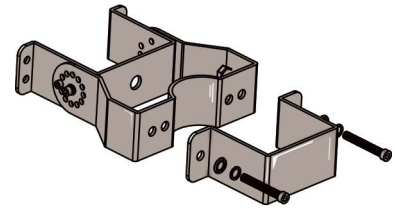
Type A
Universal Bracket



Type B
Wall Mount



Type C
Round Pole



Type D
Square Pole

*Bracket options do not apply to 60W-B, 80W & 100W

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-10W	10w	2205lm	218lm/w	30W/18V	12.8V 12AH	153.6WH	5.12 Hrs	65°150°/ 75°160°/ 90°100°/ 120°	IP65	9.84' - 19.69'	24.92" x 14.37" x 8.32"	25.35 lbs	.63	
CS-COM-SSL-15W	15w	3166lm	210lm/w	30W/18V	12.8V 12AH	153.6WH	5.12 Hrs		IP65					
CS-COM-SSL-20W	20w	4174lm	210lm/w	40W/18V	12.8V 18AH	230.4WH	5.76 Hrs		IP65	16.40' - 22.97'	31.22" x 14.37" x 8.32"	28.44 lbs	.67	
CS-COM-SSL-25W	25w	5163lm	206lm/w	40W/18V	12.8V 18AH	230.4WH	5.76 Hrs		IP65					
CS-COM-SSL-30W	30w	6091lm	203lm/w	50W/18V	12.8V 24AH	307.2WH	6.14 Hrs		IP65	16.40' - 26.25'	37.32" x 14.37" x 8.32"	31.97 lbs	.72	
CS-COM-SSL-35W	35w	7368lm	210lm/w	50W/18V	12.8V 24AH	307.2WH	6.14 Hrs		IP65					
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-45W	45w	9300lm	206lm/w	60W/18V	12.8V 30AH	384WH	6.40 Hrs		IP65					
CS-COM-SSL-50W	50w	10091lm	203lm/w	70W/18V	12.8V 36AH	460.8WH	6.58 Hrs		IP65	19.69' - 32.81'	49.72" x 14.37" x 8.32"	38.80 lbs	.80	
CS-COM-SSL-60W-A	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	
CS-COM-SSL-60W-B	60W	10800lm	180lm/w	100W/18V	12.8V 42AH	538WH	6 Hrs	IP65	26'-29'	45.35" x 20.55" x 8.86"	52.91 lbs	1.27		
CS-COM-SSL-80W	80W	14400lm	180lm/w	130W/36V	25.6V 30AH	768WH	6 Hrs	IP65	32'-36"	60.32" x 20.55" x 8.86"	68.34 lbs	1.58		
CS-COM-SSL-100W	100W	18000lm	180lm/w	160W/36V	25.6V 36AH	922WH	6Hrs	IP65	39'-42"	71.34" x 20.55" x 8.86"	85.98 lbs	1.74		



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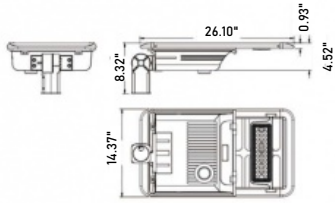
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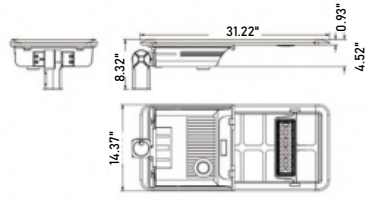
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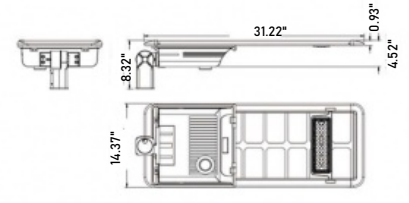
Dimensions



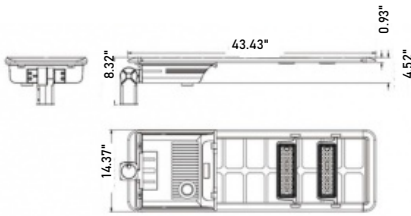
CS-COM-SSL-10W/15W



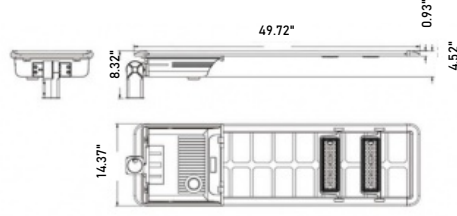
CS-COM-SSL-20W/25W



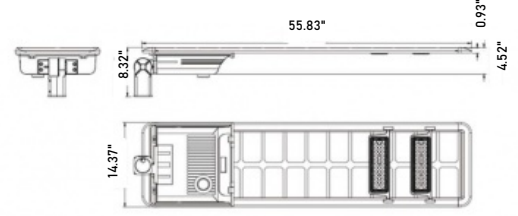
CS-COM-SSL-30W/35W



CS-COM-SSL-40W/45W



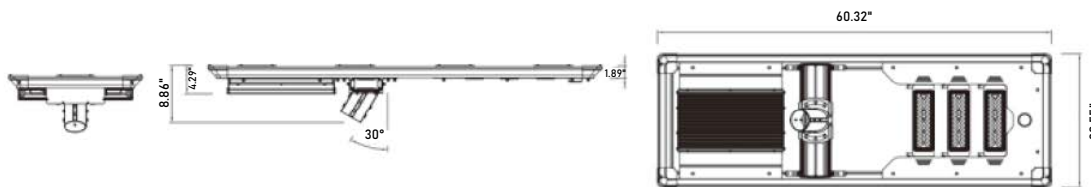
CS-COM-SSL-50W



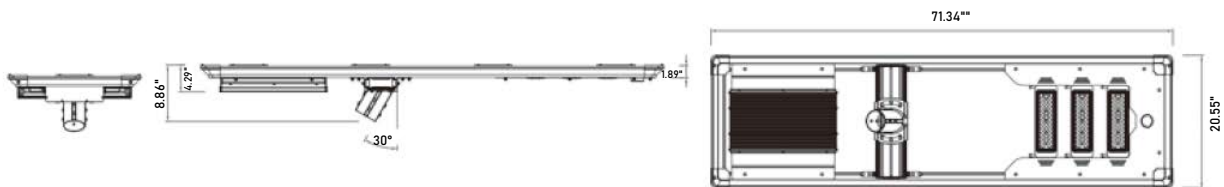
CS-COM-SSL-60W-A



CS-COM-SSL-60W-B



CS-COM-SSL-80W



CS-COM-SSL-100W



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CS-COM-SSL-10W/15W



CS-COM-SSL-20W/25W



CS-COM-SSL-30W/35W



CS-COM-SSL-40W/45W



CS-COM-SSL-50W



CS-COM-SSL-60W-A



CS-COM-SSL-60W-B



CS-COM-SSL-80W



CS-COM-SSL-100W

Ordering

Model#	Wattage	Voltage	LED Chips	Sensor	CCT & CRI	Distribution	Mount	Options
CS-COM-SSL	10W	DC=12-24V	L5= LUMILED 5050	00=Without Sensor	3070=3000K 70CRI	T2=T202	A=Type A	SP=Surge Protector
	15W			SN=Motion Sensor	3080=3000K 80CRI	T3=T302	B=Type B	IC=Intelligent Control
	20W			DV=Dimmable	4070=4000K 70CRI	T4=T402	C=Type C	
	25W			PH=Photocell	4080=4000K 80CRI	T5-T502	D=Type D	
	30W				5070=5000K 70CRI		E=Type E	
	35W				5080=5000K 80CRI			*Does not apply to 60W-B, 80W & 100W
	40W				5770=5700K 70CRI			
	45W				5780=5700K 80CRI			
	50W				6570=6500K 70CRI			
	60W-A				6580=6500K 80CRI			
	60W-B							
	80W							
100W								

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

Ordering Description								
CS-COM-SSL								



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