



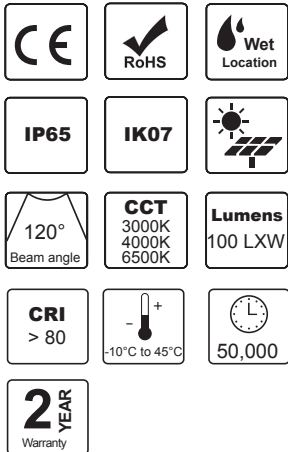
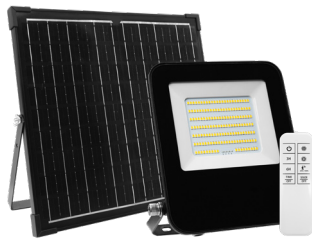
LED®

Sunpower™
LED Solar Floodlite™

americanlite®

We light your world™





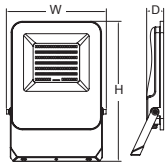
The sun comes up every day; that's the definition of renewable energy. Dark streets can be a hazard to pedestrians and vehicle travelers alike. Protecting property, people and assets is one of the key jobs of exterior lighting. Security through lighting has been instrumental to deter crime and improve security to the public, business and residential spaces. Solar LED lighting not only offers better visibility, but also security from brownouts and blackouts. The lights are always there when you need them and can adapt to almost any application without additional trenching or added utility costs.

Sunpower™ Series floodlight was designed to illuminate a wide range of applications for limited budget projects. Sensor mode would allow the fixture to work for about 8-10hours @ 100% lumen output while sensor detection then turn to stand by mode @ 20% lumen output. The remote control (included) allows a full range of functions, from on/off, timer for 3 or 6 hours, manual and auto functions. Recharges in 6-8 hours and could operate up to 2 days (depending on the mode used) without full charge ("Cloudy days").

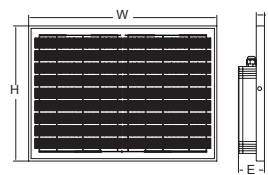
LED solar lights require very little maintenance and are easier to install than their wired counterparts. Underground wiring, on-site transformers and electrical enclosures are typically costlier than installing new solar lights. LED technology means that the lamps require fewer replacements, can be controlled and provide significant energy savings over traditional lamps.

Solar means there is no electric bill...ever.

Dimensions (mm)



Floodlight	H	W	D
20w	160	120	30
30w	225	160	30
50w	250	180	30



Panel	H	W	D	E
8w	209	304	55	17
10w	344	214	55	17
15w	284	394	55	17

Specifications

Fixture	20w	30w	50w
Solar Panel	8w	10w	15w
Mono-crystalline	9V	9V	9V
LiFePO ₄ Battery	6AH	6AH	12AH
	6.4V	6.4V	6.4V
Charging time	6-8 Hr	6-8 Hrs	6-8 Hrs
Cloudy days	1-2	1-2	1-2
Working hours /up to	12 Hrs	12 Hrs	12 Hrs



- ☰ Turn ON/OFF
- ☼ Set 6 different levels of brightness from 50%-60%-70%-80%-90%-100% with stand by @20%.
- ☼ Set 6 different levels of brightness from 100%-90%-80%-70%-60%-50%.
- 3H 6H Turns on after dark, turns off automatically after 3 or 6 hours.
- ☼ Sensor Mode
- TIME OFF Set to cancel the timer.
- SENSOR OFF Set to cancel the microwave sensor, and always keep 20% brightness.

Ordering information

Item	Power	Solar Panel	Lumens	Options
AL575055	20w	8w	2000	Blank 6500K
AL575056	30w	10w	3000	4 4000K
AL575057	50w	15w	5000	3 3000K

Notes

- Turns on when sunlight is 0.3-1 lux
- Sensor Angle: 120°
- Sensor Distance 4-8m
- Recommended installation height 3-5m
- Sensor Mode: 8-10H 100% Lumens sensor on 20% Lumens stand by
- Lumens: 4K / 65K = 100 lxw 3K = 90 lxw
- LEDs: SMD 2835 20w=33 pcs / 30w =108 pcs / 50w = 162 pcs
- Body: Die-cast Aluminum 20w/30w = 1.2mm thickness 50w = 1.4mm thickness
- Lens = Tempered Glass Floodlight = 4mm Panel = 3mm
- Cable: 3*1.0mm² rubber 1.5 meters from panel + 0.5 meters from the floodlight Other Cable lengths available
- Charging Time: 6-8H
- Stand by mode: after 8s no detection
- Panel Lifetime = up to 10 years
- Battery Cycle = 2000 cycles
- LED Chips = 50,000 hours
- Battery is replaceable

Packing information

Model	CBM (Master)	Pcs per Master	Master carton (cm)
20w	0.0511	10	45 x 31.5 x 32.7
30w	0.0463	8	49 x 24 x 37
50w	0.0470	5	42 x 33 x 310



Warranty

Americanlite® is pleased to provide a 2 year limited warranty covering the LED fixtures on this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.