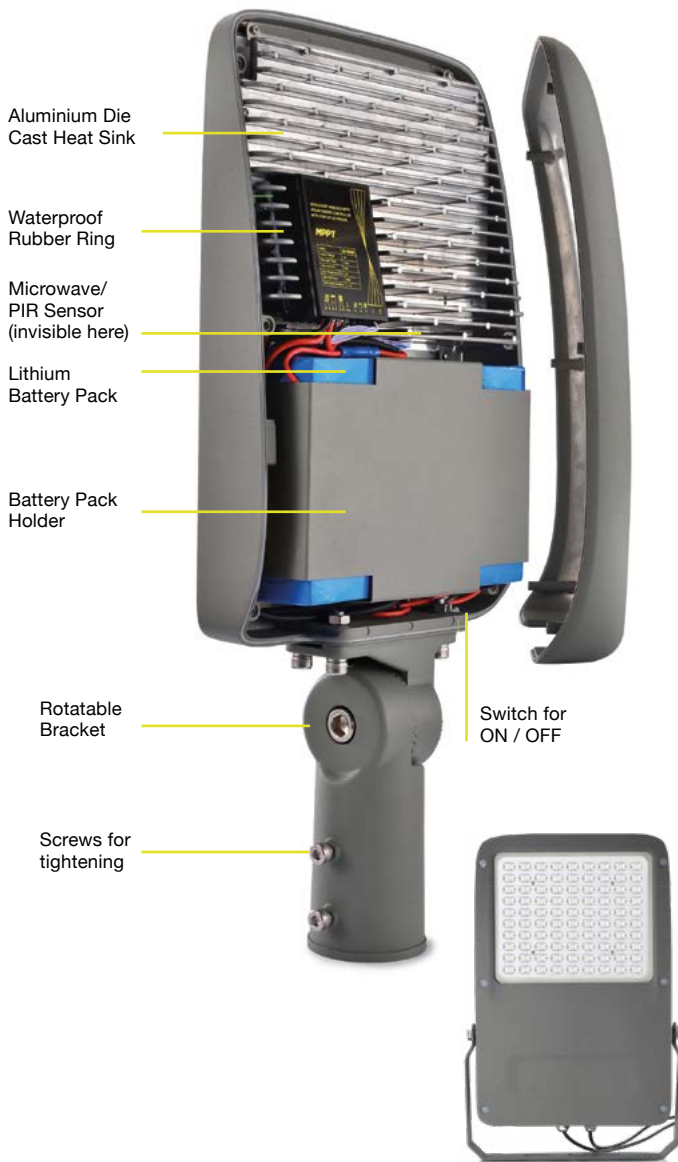


DUAL-LITE 2 PART SOLAR FLOOD LIGHT

Inner View



Remote Setting



Microwave Sensor Optional



MC4 Plug Connection



Lithium Battery



12 Hrs/Day
130 LM/W



Innovative Design

Advantages & Applications

Programmable

Smart solar controller built-in, power brightness and lighting time are adjustable via remote controller.

Long distance installation

Uses 2.5 or 4mm² solar cable. It allows more than 35m from light head to solar panel making installation more easy.

External solar panel

Solar panel separated from light allows increase of power to meet the solar radiations in different latitude and longitude. Max 200W solar panel is allowed for 50W LED with 6200lm output.

Connection

MC4 male and female plugs directly to 18V solar panel. Quick and easy for connection. 2.5mm² power cord for less voltage drop.

Compact system

Battery and solar controller sensor are built inside the light. Only needs to be connected to 18V system. Simple and quick to install.

Dual-Lite Solar Flood Lighting offer a totally off grid lighting solution and can cater for many applications such as:

- Perimeter security
- Construction sites
- Sports facilities
- Car parks
- Building perimeter lighting



SPECIFICATION

Model No.	SL-D15W	SL-D20W	SL-D30W	SL-D40W	SL-D50W	SL-D60W
Power Max	15W	20W	30W	40W	50W	60W
Luminous Flx	>2,200lm	>2,800lm	>3,600lm	>5,200lm	>6,200lm	>7,500lm
Beam Angle	140° 70°	140° 70°	140° 70°	140° 70°	140° 70°	140° 70°
Colour Temp.	2700k-6500k optional					
CRI	>83	>83	>83	>83	>83	>83
LED Brand	Philips SMD3030 1W/LED					
LED Qty	48 PCs	48 PCs	72 PCs	72 PCs	90 PCs	90 PCs
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67
Battery	195WH	268WH	391WH	488WH	548WH	635WH
Controller	PWM	PWM	MPPT	MPPT	MPPT	MPPT
P.max (W)	40W	50W	60W	80W	100W	110W
V.mp of PV	18V	18V	18V	18V	18V	18V
I.mp of PV	2.22A	2.78A	3.33A	4.45A	5.56A	6.12A
PV Size (mm)	670*420*25	700*535*30	670*590*25	760*670*30	1000*670*30	1040*670*30

Key Components



Lithium Battery Pack

High temperature resistant, up to 2000 cycles lifetime. (DOD 70%.) Smart BMS protection.



Philips SMD LED Source

More LEDs driving with lower current and achieving more than 150lm/w. Higher efficiency than normal solar lights.



MPPT Solar Controller

Higher charging efficiency than PWM controllers, ensuring enough power generated for every night.



Switch Button

Aluminium material, anti-UV and oxidation high performance.



High Quality Solar Cable

Durable and long lifetime of solar cable. Less power will be lost than using small cable. Max 40M from light to solar panel.



Microwave (Radar Sensor)

More sensitive performance than normal PIR sensor, longer distance and detectable angle. IP65 waterproof.



Bill Free



Green Energy



Bug Free



Rechargeable



Eco Friendly



Free Maintain



Integration