

PROJECT NAME	
CATALOG NO.	
FIXTURE SCHEDULE	
COMMENTS	

DESCRIPTION

The OMA9-SOL-FL is an ideal option for Billboard or Advertising Lighting. The cable length allows the positioning of the Solar panel to ensure the position is where there is full sunshine. The LED Flood provides smooth lighting distribution.

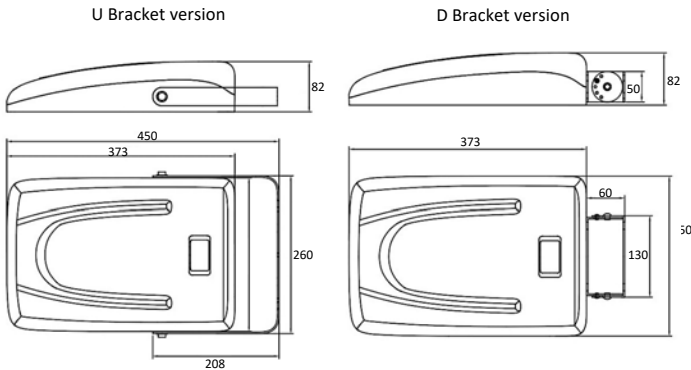


- Energy saving by 100% less power consumption than traditional flood light, endless power generated from solar.
- Adopting 72pcs of Philips 1W SMD LED, driving by lower current, achieve more than 150lm/W as practical lumens output.
- Designed based on water flow idea, with round corner, screws are sealed by rubber cover, fixtures are fixed tightly and properly, IP67 waterproof standard.
- MC4 male & female plugs directly to 18V solar panel. Quick and easy for connection. 2.5mm² power cord for less voltage drop.
- Battery and solar controller, sensor are built-inside of light, only need to be connected to 18V system, No more other operation, easy, simple and quick installation.
- 5-YEAR Limited Warranty

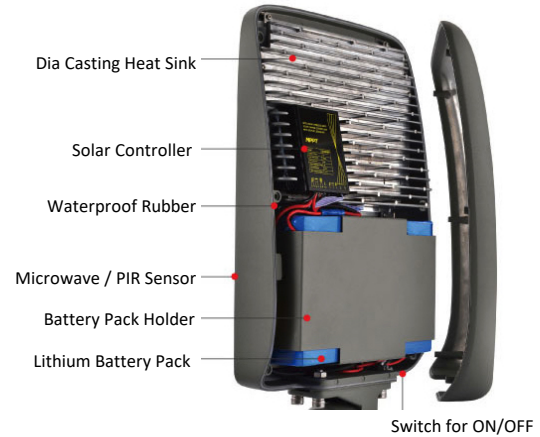
SPECIFICATIONS

MODEL	WATT (W)	LUMEN (LM)	LUMEN (LM/W)	CRI (RA)	SOLAR PANEL (MAX POWER)	BEAM ANGLE	BATTERY	COLOR (K)	CHARGE TIME	CONTROLLER	DIMENSION	IP	MOTION SENSOR
OMA9-SOL-FL-15	15	2200	146	>82	18V/30W	140x70°	LifePO4 134WH 12.8V	2700-6000	5 hours	PWM	373x260x82mm/14.69x10.24x3.23"	67	Optional
OMA9-SOL-FL-20	20	2800	140	>82	18V/40W	140x70°	LifePO4 173WH 12.8V	2700-6000	5 hours	PWM	373x260x82mm/14.69x10.24x3.23"	67	Optional
OMA9-SOL-FL-30	30	3600	120	>82	18V/60W	140x70°	LifePO4 250WH 12.8V	2700-6000	5 hours	MPPT	373x260x82mm/14.69x10.24x3.23"	67	Optional
OMA9-SOL-FL-40	40	5200	130	>82	18V/80W	140x70°	LifePO4 307WH 12.8V	2700-6000	5 hours	MPPT	373x260x82mm/14.69x10.24x3.23"	67	Optional
OMA9-SOL-FL-50	50	6200	124	>82	18V/100W	140x70°	NCM 548WH 11.1V	2700-6000	5 hours	MPPT	373x260x82mm/14.69x10.24x3.23"	67	Optional
OMA9-SOL-FL-60	60	7200	120	>82	18V/120W	140x70°	NCM 635WH 11.1V	2700-6000	5 hours	MPPT	373x260x82mm/14.69x10.24x3.23"	67	Optional

DIMENSIONAL DRAWING (mm)



INNER STRUCTURE



REMARK

- The solar controller and battery are built inside of light head.
- MC4 Plugs from light head with 0.5m cable. One more cable adapter with MC4 plugs 2m separately for easy connection.
- Lighting time can be changed freely with remote controller(optional).
- 72pcs of lumileds SMD3030 as light source.
- High lumens output >130lm/w
- Beam angle: 140x70 degree as bat wing distribution

APPLICATIONS

Billboard lighting, Parking lot & Perimeter lighting, Security & Entrance lighting, Signage & Billboard lighting, Construction Sites, Rural & Remote Area lighting, Mining & Industrial Sites



BILL FREE



GREEN ENERGY



BUG FREE



RECHARGEABLE



ECO FRIENDLY



FREE MAINTAIN



INTEGRATION



REMOTE SETTING



MICROWAVE SENSOR (Optional)



MC4 PLUG IN CONNECTION




BATTERY-IN LIGHT HEAD





12HRS/DAY
130LM/W

SOLAR PANEL

SOLAR PANEL	MODEL	SOLAR PANEL (MAX POWER)	DIMENSION	CABLE
	S30W	18V 30W	620x340x25mm / 24.41x13.39x0.98"	MC4 Plug Cable
	S40W	18V 40W	670x420x25mm / 26.38x16.54x0.98"	MC4 Plug Cable
	S50W	18V 50W	670x535x30mm / 26.38x21.06x1.18"	MC4 Plug Cable
	S60W	18V 60W	670x590x25mm / 26.38x23.23x0.98"	MC4 Plug Cable
	S70W	18V 70W	680x670x30mm / 26.77x26.38x1.18"	MC4 Plug Cable
	S80W	18V 80W	760x670x30mm / 29.92x26.38x1.18"	MC4 Plug Cable
	S90W	18V 90W	850x670x30mm / 33.46x26.38x1.18"	MC4 Plug Cable
	S100W	18V 100W	1000x670x30mm / 39.37x26.38x1.18"	MC4 Plug Cable
	S110W	18V 110W	1000x670x30mm / 39.37x26.38x1.18"	MC4 Plug Cable
	S120W	18V 120W	1040x670x35mm / 40.94x26.38x1.38"	MC4 Plug Cable

MOUNTING RACK (Optional)

	For installation of solar panel on wall or on ground. Comply with solar panel up to 110W Can be Wall/Surface Mounted. Adjustable. Aluminum material
	Top size: D60mm Bottom size: D76mm Bottom Inner size: D65mm (If you have the pole, the top should be less than 65mm to use this. Connection length is 20mm with 6 screws.)

MOUNTING BRACKET (Optional)

SLIPFITTER	U BRACKET	D BRACKET
		

IES DATA

