



# ALL-IN-ONE SOLAR STREET LIGHT WITH 2MP CCTV CAMERA AND MOTION SENSOR

MODEL NAME

## OML7-SOL2-CCTV

PROJECT NAME	
CATALOG NO.	
FIXTURE SCHEDULE	
COMMENTS	

### DESCRIPTION

OML7-SOL2 series comes complete with built-in PIR sensor system. Regulates automatically the light source from 100% full bright (when people move in the sensor area) to 30% dim mode (when people move away) for energy saving.



#### CCTV CAMERA

- Pixel: 2MP
- Lens: 6mm (optional)
- Memory Card: 32GB (64G optional)
- Interface: WIFI/4G



- Simple installation
- Easy maintenance.
- Each part is imaginative
- All materials are carefully selected.
- Protected against all weathers.
- Battery Type: Lithium LifePO4 Battery (Lifespan:5~8 years)
- Infrared Sensor: Available
- LED Brand: CREE
- Material: Superior aviation aluminum AL6063-T5
- Lifespan: 50,000 hours
- Charging Time (By strong sunshine): 6-8 hours
- Lighting Time (Full power): 12-14 hours
- Lighting Time (30% saving mode): 39 hours (3~5 rainy days)
- Discharging temp: -20~60°C/-4~140°F
- Charging temp: 0~60°C/32~140°F
- Storage temp: -20~45°C/-4~113°F
- 3-YEAR Limited Warranty

### SPECIFICATIONS

MODEL	WATT (W)	LUMEN (LM)	LUMEN (LM/W)	CRI (RA)	SOLAR PANEL (MAX POWER)	BEAM ANGLE	LED SOURCE (MAX POWER)	COLOR (K)	MOUNTING HEIGHT	LIGHT SPACE	DIMENSION	WEIGHT	IP	DIMMING
OML7-SOL2-CCTV-20	20	2800	140	>75	18V/80W	150x70°	12V/20W	2700-6500	4-6m/13-19ft	18-20m/59-65ft	1155x405x56mm/45.5x15.9x2.2"	21.5kg/47.4lb	65	By sensor
OML7-SOL2-CCTV-30	30	4200	140	>75	18V/90W	150x70°	12V/30W	2700-6500	5-7m/16-23ft	20-25m/65-82ft	1155x405x56mm/45.5x15.9x2.2"	22.0kg/48.5lb	65	By sensor

### CCTV CAMERA



#### NETWORK FUNCTION

- \* Support mobile phone to see
- \* Support 6 users monitor the IP Camera at the same time
- \* Build-in WEB SERVER, support IE browse and parameter setting
- \* Built-in Wifi module
- \* Recommended Monitoring Distance: 5-10 meters
- \* Safety: Password protection
- \* Storage: 32 TF card (64/128G optional)
- \* The price available upon request used in CCTV camera.
- \* **2-YEAR limited warranty for camera**

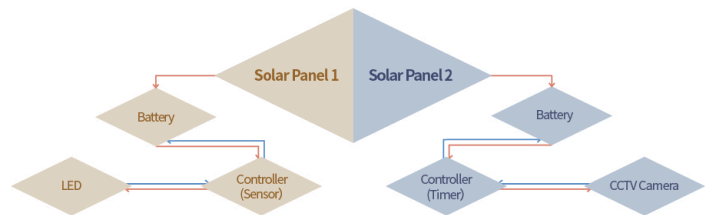
#### NOTES

- Hot plugging is not available for changing SIM card. Please turn off the power.
- Please don't rotate camera vigorously. Adjust softly to avoid damaging wire.
- As for 4G models, please confirm frequency channel for local telecommunication.

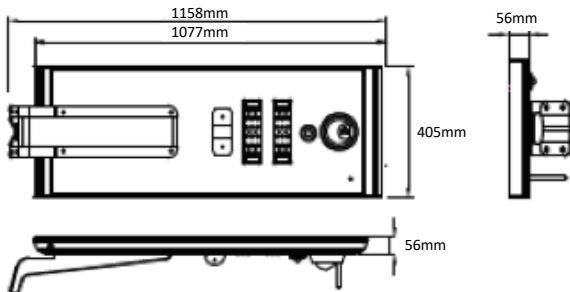
PIXEL	MONITORING ANGLE	LENS SIZE	RESOLUTION	LENS INTERFACE	DAY AND NIGHT MODE	DUAL STREAM
2 MEGA PIXEL	50°	6mm (Optional)	1600x1200	RJ-45	SHIFT FREELY	SUPPORT

MINIMAL LUMINANCE	SENSITIVITY	SNR	POWER SUPPLY	WORKING TIME
0 LUX (IR ON)	1.0V/Lux-sec(550nm)	≥48dB	DC 12V/2A	24 HOURS

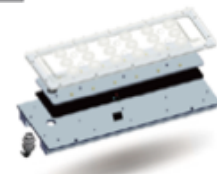
### DUAL-SYSTEM PROTECTION DESIGN



### DIMENSIONAL DRAWING



### LED MODULAR SYSTEM DESIGN



- Rectangular beam design for road lighting, with bat wing light distribution
- The well optimized light distribution, makes for a more uniform and wider lighting area
- Lens with exhaust valve, prevent water vapor gathered & makes longer lifespan
- Original thermal system design, innovative heat sink with IP67 PG head



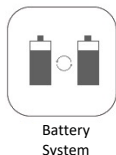
Innovative heat sink    Rectangular beam design    Advanced exhaust valve    P67 PG head



Monocrystalline Solar module



Efficient Controller



Battery System



CREE LED



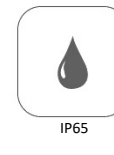
ALL-in-One



Anti-Typhoon

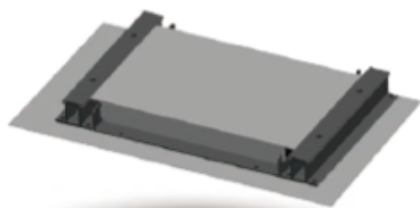


RIP motion sensor



IP65

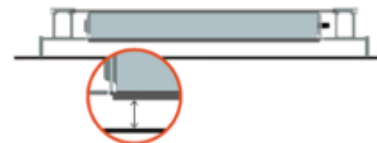
## INNOVATIVE BATTERY PROTECTION SYSTEM



- Build-in LiFePO4 class A battery, single cell with PTC
- Superior IC with military standards in battery protection board
- Waterproof, damp proof, explosion proof
- Over charging & over discharging protection

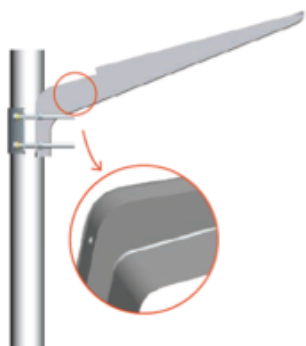


Air convection & thermal system design  
more air flows and better heat dissipation



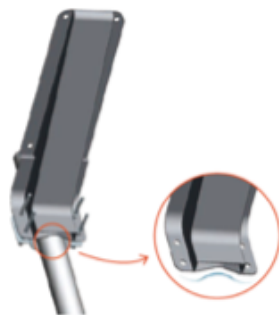
Original separate design with 5mm gap  
Between battery and solar panel

## ANTI-TYPHOON DESIGN



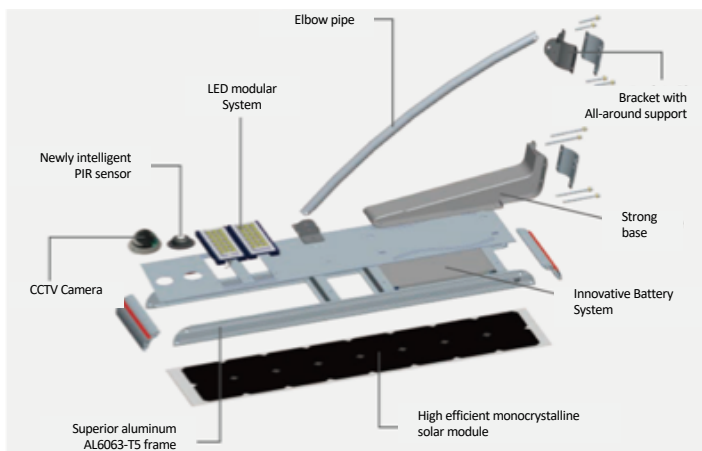
**Much Stronger**

Sectional area is 50% larger than others for thicker materials

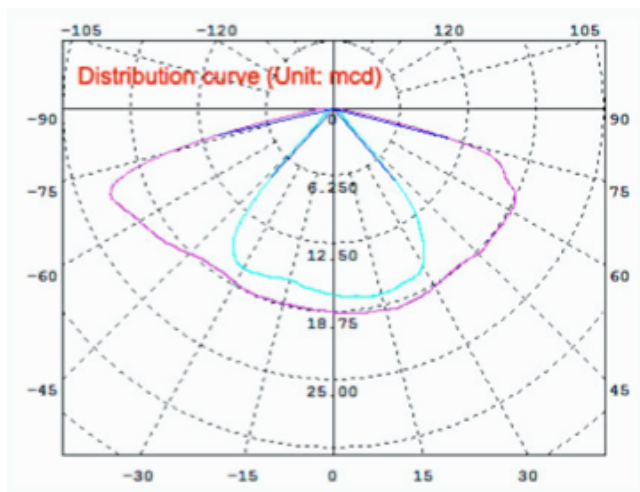


**Much safer**

Patent hooping design with multi-point contact areas, safety increased by 30%



## DISTURIBUTION CURVE



OML7-SOL2-CCTV-30

## PACKAGE

WATT	N.W	CARTON SIZE (mm)	G.W	20GP (SETS)	40GP (SETS)	40HQ (SETS)
20w	21.5kg	1230x480x260	24.4kg	165	360	425
30w	22.0kg	1230x480x260	24.8kg	165	360	425

QTY/CTN: 1set/ctn

## PACKING STEPS



OMNI Imagine Inc. A: 10701 HOLDER ST. CYPRESS, CA 90630 T: 1-833-366-0321 E: SALES@OMNIIMAGINE.COM  
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