



**moma**  
solar

Proudly Australian

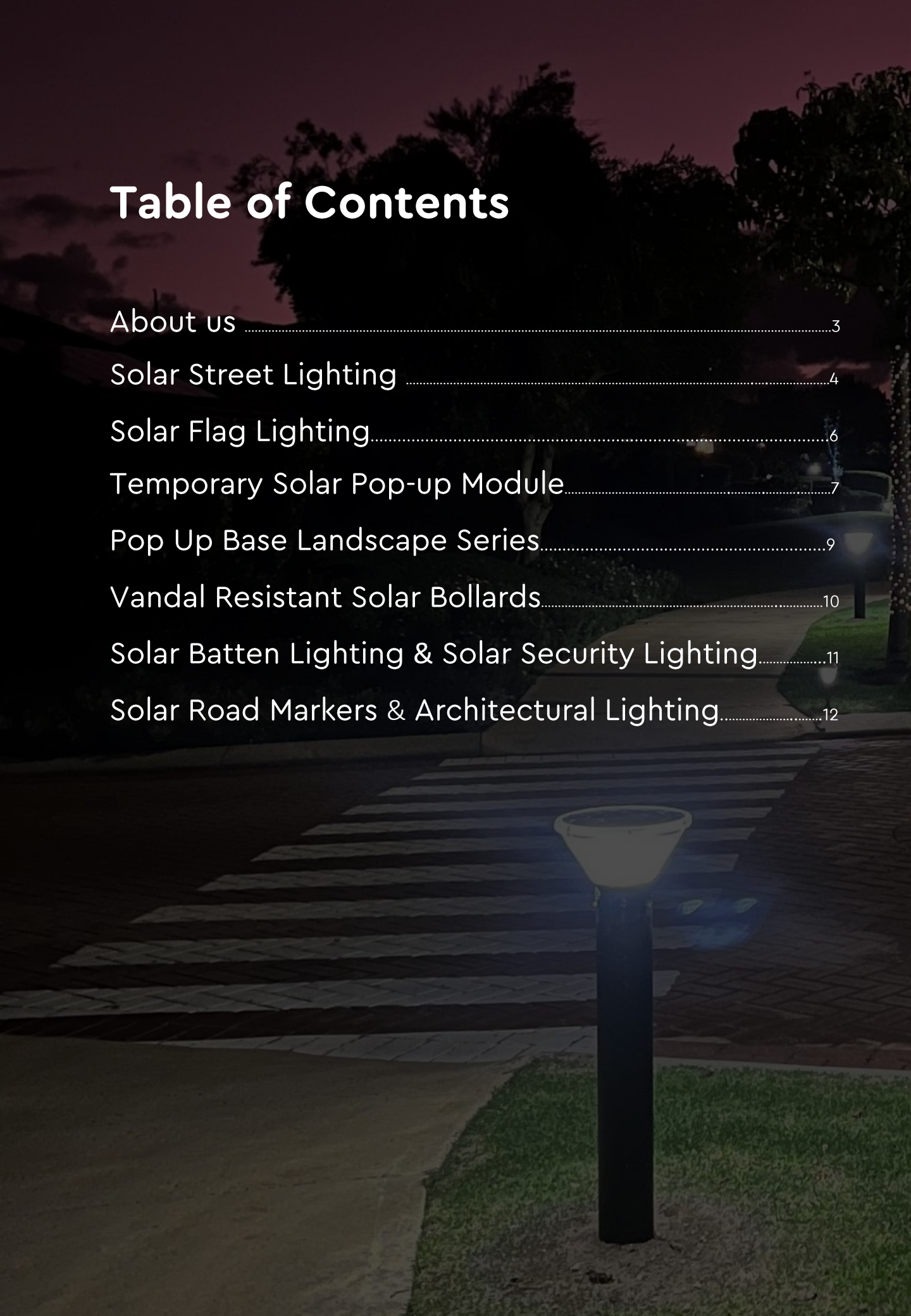
# Product Catalogue 2023

**P:** 1300 00 MOMA **E:** [info@momasolar.com.au](mailto:info@momasolar.com.au) **W:** [momasolar.com.au](http://momasolar.com.au)

**Offices:** Perth WA and Melbourne VIC

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# About Us

MOMA Solar is an Australian owned national provider of renewable lighting solutions, specialising in Solar LED lighting products. Our goal is to create positive environmental change by developing accessible and sustainable lighting solutions.

We provide a range of both permanent and temporary solar lighting solutions suitable for Street & Pathway Lighting, Turtle/Animal Friendly Lighting, Vandal Resistant Bollards, Traffic Management and more.

MOMA Solar also offers lighting engineering services free of charge, which allows us to recommend an optimal lighting solution that is compliant to relevant Australian Lighting Standards.



# Solar Street Lighting

(The MOSLX Series)

The MOMA Solar MOSLX Solar Street Light series is available in a range of wattages from 20W to 100W allowing the luminaire to become versatile for a large range of applications.

Sustainable, affordable and adaptable. The MOSLX series helps lower running costs, reduce emissions and meet environmental and sustainability goals.

Made of recyclable materials our solar luminaires require little maintenance and are user friendly for easy installation.

IP65 rated, available in 3000k to 6000k and fitted with a 60mm spigot with adaptors available to fit most existing poles.

## Four Modes of Operation

### Red Light

**Sensor Mode** – 15 Hrs of sensor at 80% brightness when motion is detected and 40% brightness when no movement (Microwave Sensor)

### Orange Light

**Timer Mode** – First 5 Hrs at 80% brightness, next 10 Hrs at 40% brightness

### Green Light

**Timer & Sensor Mode**– First 5 Hrs at 100% brightness, next 10 Hrs of sensor at 30% brightness when motion is detected and 10% brightness with no motion.

### Flashing Red

**Constant Mode**– 15 hrs at 70% brightness



#### High Efficiency LED's

Fitted with Philips LED's for brighter light with reduced power consumption



#### All in One Kit

Light fitting comes as an all in one unit with integrated solar panel and batteries



#### LifeP04 Battery

2000+ Cycles, fitted with a smart controller for efficient charging even on cloudy days

## The G5 Series Swivelpole

Easily lower a mounted fixture for access by removing the need for working at heights.

Available in 4m and 6m height options.

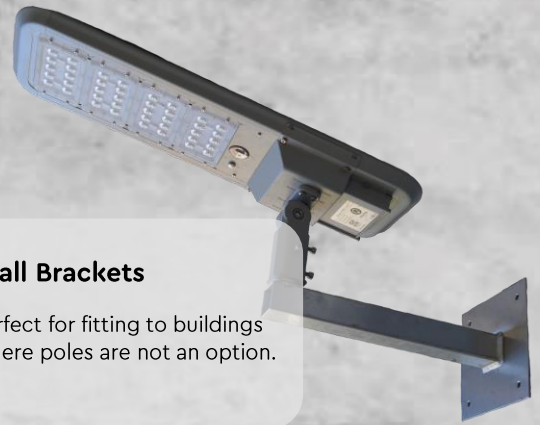


# Mounting Options

MOMA Solar offers multiple options for mounting your chosen fitting.

## Wall Brackets

Perfect for fitting to buildings where poles are not an option.



## Straight Poles

Perfect for small installations or signage. Range of pole heights available to suit visibility requirements.



## Maxis Joint Poles

Reduce working at heights and make mounted equipment more accessible for routine maintenance.



## Permanent Poles

Octagonal poles ideal for permanent fixtures. Available in a range of heights. Powder coating available.



# Solar Flag Lighting



Zero emission operation



No ongoing energy costs



Low impact autonomous unit

Flag Lighting is used to improve night-time visibility on roads, particularly at intersections or areas with unusual traffic layouts.

Improved visibility helps prevent potential road accidents by increasing driver awareness of other vehicles and road conditions.

## Kit Includes:

- LED Light
- Solar Panels
- Battery
- Battery Pits
- Gear Tray
- Cable Kits
- Pole/Ragbolts

## Applications:

- Blackspot areas
- T or X road junctions
- Mine sites
- Highlight raised islands
- Areas with pedestrian access
- Rural/Developing Areas
- Unusual traffic layouts

*\*Contact MOMA Solar for project-specific design and specifications*

# Temporary Solar Pop Up Module

**Australian Designed, Engineered and Manufactured.**

The MOMA Solar Patented Pop Up Base is an Australian-made world-first that is perfect for mine sites, construction sites, councils, and any areas requiring walkway or street lighting. In conjunction with Swivelpole, our Pop Up's are revolutionising the portable lighting market.

The water-filled bases are designed for easy transport and can be moved by a forklift when full or carried by hand when empty.

**No Cables**  
**No Noise**  
**No Hassles**



*Scan for Instructional Video*

**Difficult to climb design**

**Stackable**

Easy storage and transportation

**Easily Moveable**

Only 37kg when empty  
(637kg when filled with water)  
2-person setup, no lifting equipment required

**Made from MDPE**

Extremely Durable  
Recyclable Materials  
25 Year life expectancy



**MOMA Solar**  
**CERTIFIED ✓**

# Versatile Equipment Mounting



## **MOMA Solar Equipment**

Solar Lighting  
Solar Speed Check Signs  
Solar Emergency Wash Station Light

## **MOMA Solar Power Supply**

12VDC  
24VDC

## **Instrumentation**

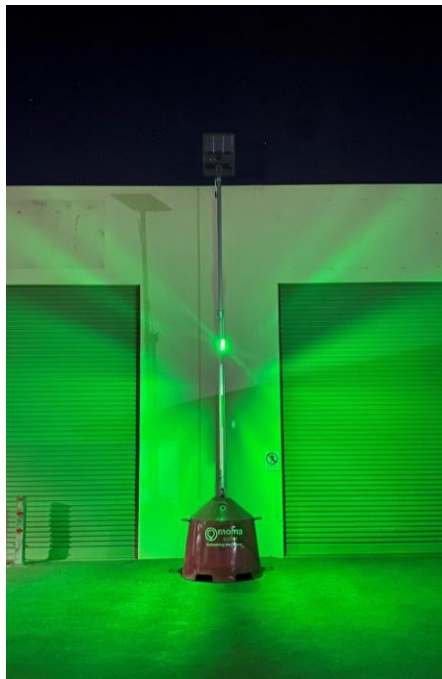
Pressure transmitters  
Level Transmitters  
Temperature Transmitters  
Flow Meters

## **Communication Modules**

4G/5G Signal Booster  
WiFi  
LoRaWAN

## **Road Monitoring Equipment**

Road Counters  
Radars  
Air, Noise or Dust monitoring units



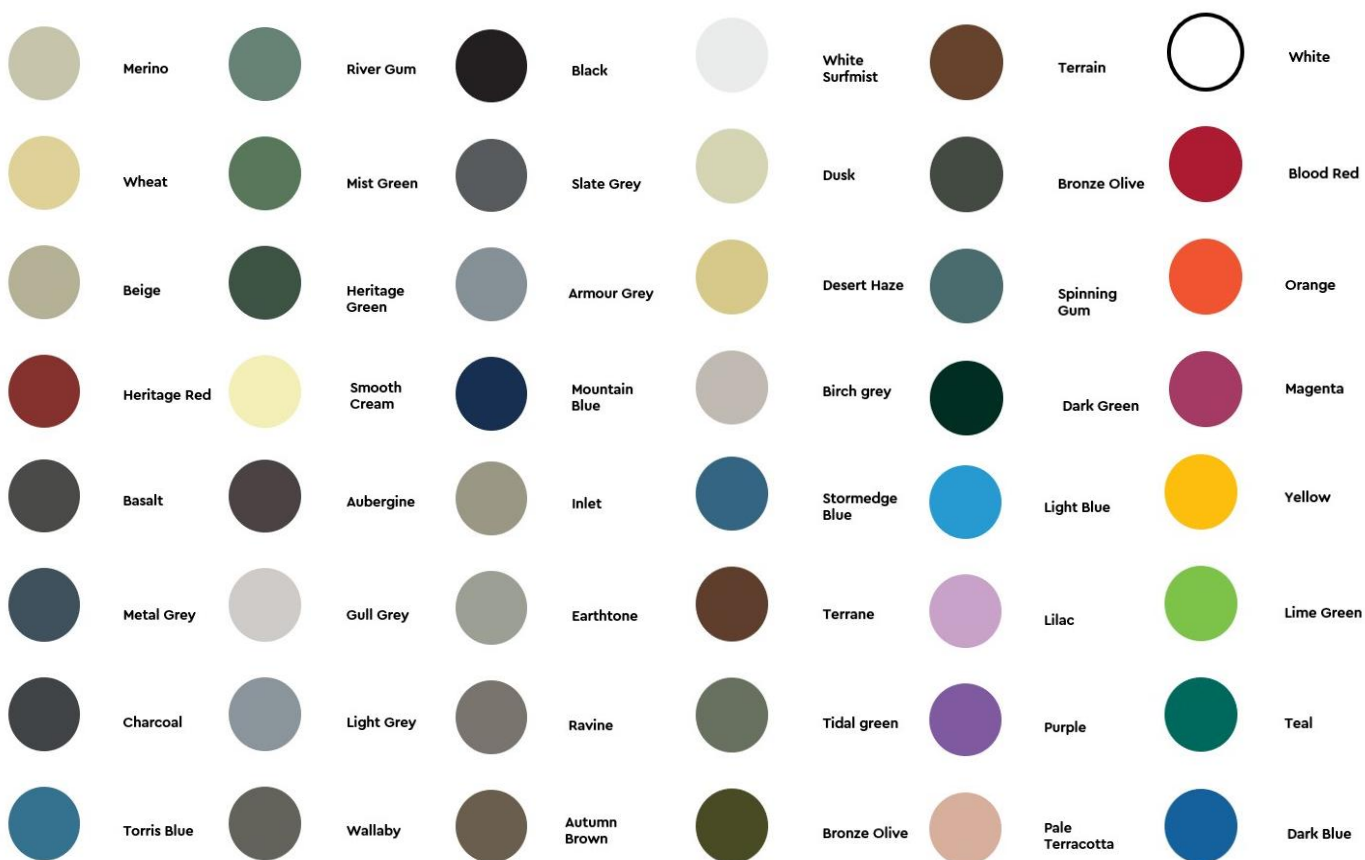




# Pop Up Base Landscape Series

Choose from over 30+ base colours to suit your needs, stand out or blend in.

Want to customise your base even further? Ask our sales team about Stencils, Decals and Wraps.



\*Colours may vary

# Vandal Resistant Solar Bollards

IK10 Rated

## Ideal for

Mine Sites

Rural Locations

Commercial Properties

Community Parks and Pathways

Carparks and Driveways



Easy installation, minimal maintenance required.



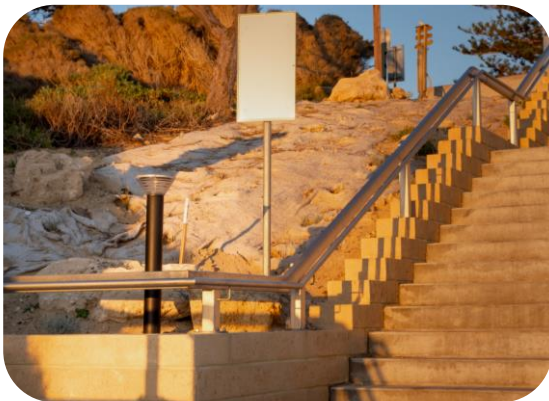
No Cost to run.

Simple & low-cost installation.



Clean & sustainable energy.

No Emissions.



# Remote Controlled Solar Batten Lighting

## Multiple Applications

Bus stops

Sea containers

Public gazebos

Commercial buildings

BBQ areas

Driveways



**MOSBL**

Available in 30W and 45W options

Available in cool and warm LED options

# Solar Security Lighting

Our Solar Security Lighting series is ideal for spots where motion sensor lighting is required.

Driveways

Rural areas

Loading docks

Entrances

Residential  
Properties

Storage  
containers



**MP15WSL**



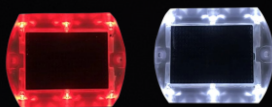
**MOML-04**

# Solar Road Markers

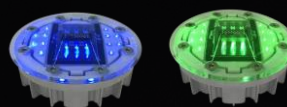
**MORL-A61**



**MORL-Q7**



**MORL-X5**



Surface Mounted		Direct Buried
125 x 107 x 26mm	114 x 90 x 11mm	125 x 50mm
500g	200g	700g
Blinking or Constant Mode		
Variety of LED colours available upon request		

# Solar Architectural Lighting



Simple installation  
No specialised equipment  
or expertise needed



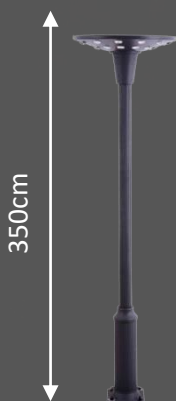
Photo-sensor integrated day  
and night detection  
Automatic power ON and  
OFF



PIR Motion sensor (Optional)  
Save energy and improve  
autonomy days



**MOPL-18**



**MOPL-15**



**MOPL-17**



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## Contact Us:

### Phone

National - 1300 00 MOMA  
Western Australia – 08 6141 3204  
Victoria - 0475 587 534

### Head office

1/3-5 McElligott Court Canning Vale, WA 6155

### Email

[info@momasolar.com.au](mailto:info@momasolar.com.au)

### Website

[momasolar.com.au](http://momasolar.com.au)

