

# SOLIS ORIANA



## KEY ADVANTAGES

- > **Flexible Installation:** Offers both stylish vertical and conventional horizontal mounting options.
- > **Versatile Lighting Solutions:** Provides two optical choices suitable for general area lighting, pathways, and cycleways.
- > **Adaptability:** Ideal for installation at heights of 3.5 to 6 meters, catering to various lighting environments.
- > **Durability:** Constructed from marine-grade aluminum, ensuring long-lasting performance.
- > **Color Temperature Options:** Available in 3000K and 4000K, allowing for tailored lighting aesthetics.
- > **Wide Range of Applications**

The ORIANA presents a post-top solar luminaire offering a stylish vertical mount or the conventional horizontal option for installation.

It comes with two optical choices catering to general area lighting as well as pathways or cycleways. Typically installed at heights ranging from 3.5 to 6 meters, and available in 3000K and 4000K color temperatures, the ORIANA, crafted from marine-grade aluminum, is adaptable to various lighting environments.

Applications: Pedestrian & Bike Paths, Off Grid, Urban & Residential

## Solar lighting offers significant savings compared to grid lighting.



### Energy savings

With solar lighting, there are no electricity costs because the luminaires are powered by renewable energy from the sun. This means that businesses and communities can save money on their electricity bills, which can add up to significant savings over time.



### Installation savings

Solar lighting can be installed quickly and easily without the need for electrical infrastructure. This means that installation costs are much lower than grid-connected lighting, especially in remote areas or areas with difficult terrain.



### Maintenance savings

Solar LED lighting requires minimal maintenance. With no reliance on power transmission or distribution infrastructure, there are fewer components to wear out or require maintenance. There is no need to schedule specific maintenance for the solar kit as the solar panels are self-cleaning. This means that maintenance costs are much lower than with grid lighting.



### Environmental savings

Solar lighting is an environmentally friendly, cost-effective alternative to grid lighting, with no greenhouse gas emissions. It offers significant savings on electricity, installation, maintenance, and environmental impact, helping businesses and communities reduce costs and their environmental footprint.



CHARACTERISTICS

GENERAL INFORMATION

Mounting height	3.5-6m
Testing standard	AS/NZS 60598.1:2017
Warranty	Battery-5 yrs, Solar array 25 yrs performance warranty Overall 5 yrs.

HOUSING AND FINISH

Housing	Marine Grade Aluminium
Colour	RAL 9017 Black
Tightness level	IP66
Impact resistance	IK 08

OPTICAL INFORMATION

LED colour temperature	3000K/4000K
Colour rendering index (CRI)	80

PERFORMANCE

Lumen output	1800lm
Lumen efficacy	150lms/w

ELECTRICAL INFORMATION

System Voltage	12V DC
System wattage	12
Battery	LiFePO4
Autonomy	2 Days
Peak Rated Wattage	25W

OPERATING CONDITIONS

Operation	Programmable Dimming profiles
Temperature range from operation (Ta)	-20°C to + 60°C

DIMENSIONS

Weight (kg)	8kg
W x H (mm)	490Ø x 84
Mounting possibilities	Spigot Mount 60mm OD

ORDER CODES

PRODUCT CODE	NAME	WATTAGE	OPTIC	CCT
SS12W830XT4191	ORIANA	12	T4	3000K
SS12W830XT2191	ORIANA	12	T2	3000K
SS12W840XT4191	ORIANA	12	T4	4000K
SS12W840XT2191	ORIANA	12	T2	4000K