

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

WHY SOLAR LIGHTING?

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

| | |
|------------------|--|
| Product Code | SS12W740XT4191 & SS12W740XT2191 |
| 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 09 |

OPTICAL INFORMATION

| | |
|------------------------------|-------------|
| LED colour temperature | 3000K/4000K |
| Colour rendering index (CRI) | 70 |

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 | Integrated Dusk to Dawn Sensor operation |
| 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 |
|----------------|--------|---------|-------|
| SS12W840XT4191 | Oriana | 12 | T4 |
| SS12W840XT2191 | Oriana | 12 | T2 |