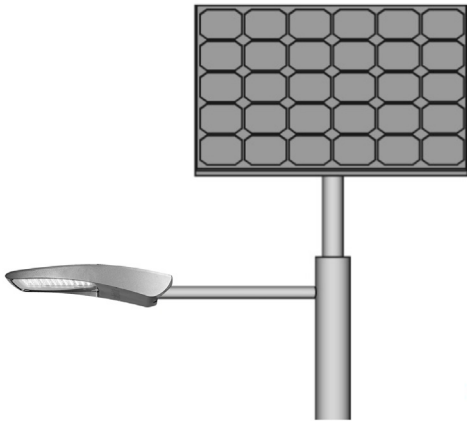


# SOLIS KALINDA



## KEY ADVANTAGES

- > **Modular Design:** Flexible options for single luminaires, solar panels, and battery capacities.
- > **Compatible Luminaires:** STREETLED, NIGHTSTAR, IZYLUM & TECEO.
- > **High Efficiency:** Monocrystalline solar panels & Lithium Iron Phosphate batteries.
- > **Wide Power Range:** 5W–14W for varied lighting needs.
- > **Extended Autonomy:** Up to 3 days, extendable with dimming profiles.
- > **Aesthetic Appeal:** Seamlessly fits urban roads, car parks, councils & residential areas.

The KALINDA Solar lighting provides a modular solution with a high efficiency Monocrystalline solar panel and Lithium Iron Phosphate batteries. The KALINDA range covers the wattages from 5-14 watts with single luminaires and single or dual solar panels and an array of battery capacities.

The KALINDA range is typically more aesthetic suitable for urban roadways, carparks, council and residential locations. Typical autonomy is three days and can be extended with a dimming profile employed.

## 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.



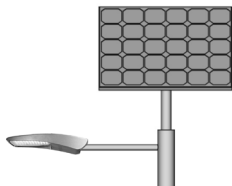
### Maintenance savings

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	4.5-10m
Testing standard	AS/NZS 60598.1:2017
Warranty	Battery-5 yrs, Solar array 25 yrs performance warranty Overall 5 yrs.

### COMPATIBLE LUMINAIRES

Luminaires	STREETLED, NIGHTSTAR, IZYLUM & TECEO
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### HOUSING AND FINISH

Housing	Marine Grade Aluminium
Colour	Ral, 9005, 9006,7040 or Akzo Grey 900 depending on luminaire selection
Pole Colour	Galvanized or painted to match luminaire
Tightness level	IP65
Impact resistance	IK 08

### OPTICAL INFORMATION

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

### PERFORMANCE

Lumen output	1955-10,000lm per fitting
Lumen efficacy	125 to 175lms/w

### ELECTRICAL INFORMATION

System Voltage	12-24V DC
System wattage	5-14W
Battery	LiFeP04
Autonomy	3 Days standard, other autonomy options available.
Peak Rated Wattage	110W

### OPERATING CONDITIONS

Operation	Integrated Dusk to Dawn Sensor operation
Temperature range from operation (Ta)	-20°C to + 60°C

### DIMENSIONS

Weight (kg)	23kg
Lx W x H (mm)	1090 x 688 x 100
Mounting possibilities	Spigot mount 76Ø

## ORDER CODES

PRODUCT CODE	NAME	WATTAGE	OPTIC	CCT
SS14W7306T3AE11	KALINDA 1	14	T3	3000K
SS14W7406T3AE11	KALINDA 1	14	T3	4000K