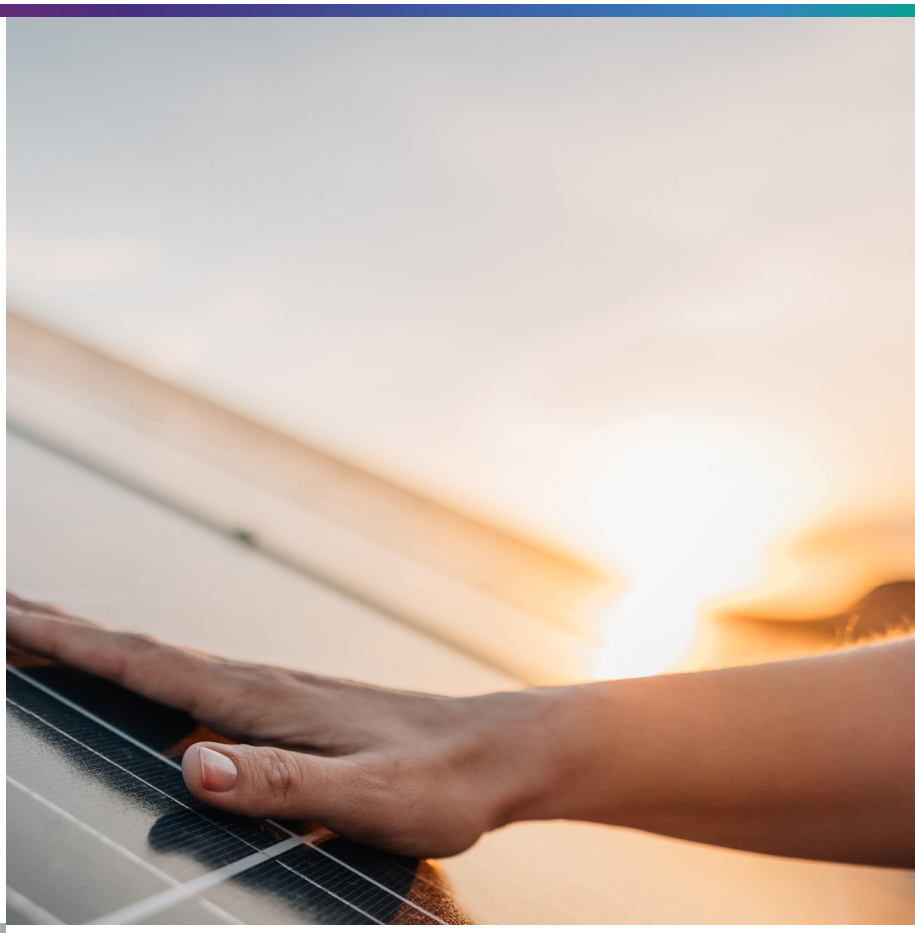
Schréder
Experts in lightability™

SOLIS ILIOS



KEY ADVANTAGES

- **All-in-One Design: Integrated battery, panel, charger, and sensor for simplified installation and maintenance.**
- **Reliable Autonomy: Up to 3 days of energy storage, ensuring continuous operation in cloudy conditions.**
- **Dimming Profiles: Adjustable lighting to enhance energy efficiency and extend battery life.**
- **Enhanced Security: Provides dependable lighting for pathways and low-traffic areas, improving visibility and safety.**
- **Eco-Friendly Solution: Solar-powered, reducing carbon footprint and energy costs.**

Solis Ilios: Integrated Lighting Solution for Pathways and Security

This all-in-one solar bollard is designed for optimal convenience and performance in smaller lighting areas. The integrated unit combines the battery, solar panel, charger, and sensor, providing a streamlined solution that's both efficient and easy to install.

With up to 3 days of autonomy and adjustable dimming profiles, this model is ideal for pathway and security lighting. The advanced technology in the solar bollard ensures consistent illumination, even in low sunlight, making it a reliable choice for outdoor spaces.

Ideal for parks, pathways, and outdoor facilities, this solar bollard offers a sustainable, low-maintenance lighting option with the added benefit of built-in autonomy and dimming flexibility.

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	1.020m
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	IP65
Impact resistance	IK 08

OPTICAL INFORMATION

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

PERFORMANCE

Lumen output	1000 lm
Lumen efficacy	TBA

ELECTRICAL INFORMATION

System Voltage	3.2VDC
System wattage	10w
Battery	LiFeP04
Autonomy	Autonomy 3 Days-Dimming Profile
Peak Rated Wattage	22w x 2

OPERATING CONDITIONS

Operation	Integrated Dusk to Dawn
Temperature range from operation (Ta)	-20°C to + 40°C

DIMENSIONS

Weight (kg)	8kg
W x H (mm)	1000 x 72 x 200mm Base plate 240 x 150 x 5mm

ORDER CODES

PRODUCT CODE	NAME	WATTAGE	OPTIC	CCT
SS10W8301360242B	SOLIS ILIOS	10	Type 3x2	3000K
SS10W8401360242B	SOLIS ILIOS	10	Type 3x2	4000K