

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.

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.



CHARACTERISTICS

GENERAL INFORMATION		PERFORMANCE	
Mounting	On-ground mounting	Lumen output	1000lm
Testing standard	AS/NZS 60598	Lumen efficacy	100lm/W
Warranty	Battery – 3 years Solar Panel – 25 years performance guarantee Overall – 5 years*	ELECTRICAL INFORMATION	
HOUSING AND FINISH		System voltage	3.2V DC
Housing	Die cast aluminium	System wattage	10W
Colour	RAL 7016 Anthracite Grey	Battery	LiFePO ₄
Tightness level	IP 65	Autonomy	Autonomy 3 Days-Dimming Profile
Impact resistance	IK 08	Peak rated wattage	22W x 2
OPTICAL INFORMATION		OPERATING CONDITIONS	
LED colour temperature	3000K/4000K	Operation	Integrated Dusk to Dawn
Colour rendering index (CRI)	80	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	DESCRIPTION	WATTAGE	OPTIC	CCT
SS10W8301180242	ILIOS 10W 830 RECTANGULAR BOLLARD RAL7016	10	Type 3 x 2	3000K
SS10W8401180242	ILIOS 10W 840 RECTANGULAR BOLLARD RAL7016	10	Type 3 x 2	4000K

*Notes on warranty: Battery 3 years, design life 10 years. Solar panel 25 year performance guarantee, 80% solar output after 25 years.

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.