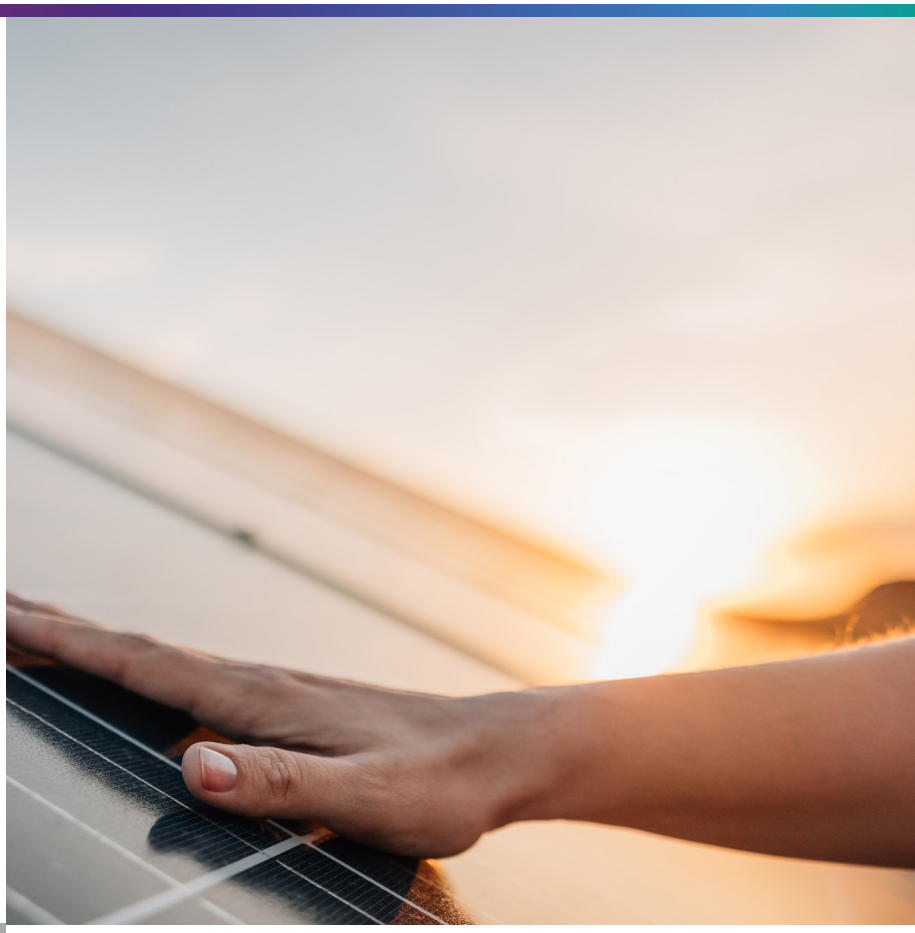
Schréder
Experts in lightability™

APOLLO

SQUARE | ROUND 360° | ROUND 180°



KEY ADVANTAGES

- **Solar-powered bollards offer a sustainable, cost-effective, and reliable lighting solution for a variety of outdoor applications.**
- **They can be installed in remote or off-grid locations where access to electrical infrastructure is limited.**
- **They improve visibility and safety in pathways, parks, and parking lots, deterring criminal activities.**
- **Solar bollards can enhance the aesthetic appeal of outdoor spaces.**
- **Equipped with features like motion sensors and timers for improved functionality and energy efficiency.**

Solar-powered bollards offer an ideal solution for areas lacking sufficient light or where lighting may be obstructed. Unlike traditional poles, solar bollards can be strategically placed in locations where pole installation might be challenging. They emit low-level lighting, making them perfect for pathways and cycleways.

Equipped with built-in sensors, the lighting dims to a low level when inactive, activating again upon detection. Crafted from aluminum extrusion and polyester powder coated, these bollards are designed to provide reliable, maintenance-free lighting for many years, ensuring durability and efficiency.

CHARACTERISTICS

GENERAL INFORMATION

Mounting	On-ground mounting
Testing standard	AS/NZS 60598
Warranty	Battery – 3 years Solar Panel – 25 years performance guarantee Overall – 5 years*

HOUSING AND FINISH

Housing	Aluminium
Colour	RAL 7016 Anthracite Grey RAL 9007 Grey Aluminium
Tightness level	IP65
Impact resistance	IK 08

OPTICAL INFORMATION

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

PERFORMANCE

Lumen output	240 - 380lm
Lumen efficacy	80 to 90lm/W

ELECTRICAL INFORMATION

System voltage	3.2V DC
System wattage	3W & 4W
Battery	$LiFePO_4$
Peak Rated Wattage	4W

OPERATING CONDITIONS

Operation	PIR sensor
Temperature range from operation (Ta)	-20°C to + 40°C

DIMENSIONS

Weight (kg)	8.8kg (round), 8.5kg (square)
W x H (mm)	Round: Ø196 x 1000 Square: 180 x 180 x 1000

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

ORDER CODES

PRODUCT CODE	DESCRIPTION	WATTAGE	OPTIC	CCT
SS3W8301360233A	APOLLO ROUND 3W 830 360D PIR 1000MM RAL9007	3W	360°	3000K
SB3W8301360233A	APOLLO ROUND 3W 830 360D PIR 1000MM RAL7016	3W	360°	3000K
SS3W8301180233B	APOLLO ROUND 3W 830 180D PIR 1000MM RAL9007	3W	180°	3000K
SB3W8301180233B	APOLLO ROUND 3W 830 180D PIR 1000MM RAL7016	3W	180°	3000K
SS4W8301360234	APOLLO SQUARE 4W 830 360D PIR 1000MM RAL9007	4W	360°	3000K
SB4W8301360234	APOLLO SQUARE 4W 830 360D PIR 1000MM RAL7016	4W	360°	3000K
SS3W8401360233A	APOLLO ROUND 3W 840 360D PIR 1000MM RAL9007	3W	360°	4000K
SB3W8401360233A	APOLLO ROUND 3W 840 360D PIR 1000MM RAL7016	3W	360°	4000K
SS3W8401180233B	APOLLO ROUND 3W 840 180D PIR 1000MM RAL9007	3W	180°	4000K
SB3W8401180233B	APOLLO ROUND 3W 840 180D PIR 1000MM RAL7016	3W	180°	4000K
SS4W8401360234	APOLLO SQUARE 4W 840 360D PIR 1000MM RAL9007	4W	360°	4000K
SB4W8401360234	APOLLO SQUARE 4W 840 360D PIR 1000MM RAL7016	4W	360°	4000K

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.