

HELIO



KEY ADVANTAGES

- > **Hassle-Free Installation:** A comprehensive solution with battery, panel, charger, and sensor all housed in a single unit.
- > **Versatile Mounting Options:** Offers both Post-top and Side-entry mounting for flexible installation.
- > **Extended Autonomy:** Designed with up to three days of autonomy, ensuring reliable operation.
- > **Energy Efficiency:** Features dimming profiles, making it ideal for energy-efficient lighting in pathways, parking areas, and security lighting applications.

The compact integrated unit offers a hassle-free, comprehensive solution for illuminating smaller areas. Housing the battery, panel, charger, and sensor within a single unit. And offering the choice of either Post-top or Side-entry mounting, ensuring flexibility in installation.

Engineered with up to three days of autonomy and dimming profiles, this integrated model is ideal for pathways, parking areas, or enhancing security lighting.



CHARACTERISTICS

GENERAL INFORMATION	
Mounting height	4m to 9m
Testing standard	AS/NZS 60598
Warranty	Battery – 3 years Solar Panel – 25 years performance guarantee Overall – 5 years*

HOUSING AND FINISH	
Housing	Die cast 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	5400lm to 9000lm
Lumen efficacy	180lm/W

ELECTRICAL INFORMATION	
System voltage	12.8V DC
System wattage	30W & 50W
Battery	LiFePO ₄
Autonomy	3 Days
Peak rated wattage	45W-75W

OPERATING CONDITIONS	
Operation	Programmable time scheduling & microwave sensor
Temperature range from operation (Ta)	-20°C to + 50°C

DIMENSIONS	
Weight (kg)	19.5/25kg
L x W x H (mm)	30W-825 x 365 x 145mm 30W-1030 x 445 x 160mm
Mounting possibilities	30W-60mm Post-top & Side-entry 30W-76mm Post-top & Side-entry



ORDER CODES

PRODUCT CODE	DESCRIPTION	WATTAGE	OPTIC	CCT
SS30W830XT3231	HELIO 30W 5400LM T3 830 36AH 60MM SPIGOT RAL9007	30W	T3	3000K
SS50W830XT3231	HELIO 50W 9000LM T3 830 36AH 76MM SPIGOT RAL9007	50W	T3	3000K
SS30W840XT3231	HELIO 30W 5400LM T3 840 36AH 60MM SPIGOT RAL9007	30W	T3	4000K
SS50W840XT3231	HELIO 50W 9000LM T3 840 36AH 76MM SPIGOT RAL9007	50W	T3	4000K
SB30W830XT3231	HELIO 30W 5400LM T3 830 36AH 60MM SPIGOT RAL7016	30W	T3	3000K
SB50W830XT3231	HELIO 50W 9000LM T3 830 36AH 76MM SPIGOT RAL7016	50W	T3	3000K
SB30W840XT3231	HELIO 30W 5400LM T3 840 36AH 60MM SPIGOT RAL7016	30W	T3	4000K
SB50W840XT3231	HELIO 50W 9000LM T3 840 36AH 76MM SPIGOT RAL7016	50W	T3	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.