



The Antley Impi Solar Streetlight is the culmination of several years of development to produce a fully in-house design. Utilising advanced LED boards and pairing them with a LiFePO4 battery gives best in class efficacy and battery longevity able to sustain charge for up to 2 days in inclement weather.



Benefits of Solar Streetlighting

Solar streetlighting offers a reliable and sustainable lighting solution with several key advantages:

- Energy Cost Savings – Operates independently from the grid, eliminating electricity costs and reducing long-term operational expenses.
- Easy Installation – No trenching or underground cabling required, making installation faster and ideal for remote or hard-to-reach areas.
- Environmental Sustainability – Uses renewable solar energy, reducing carbon emissions and supporting green infrastructure initiatives.
- Low Maintenance – Modern LED luminaires and long-life batteries require minimal servicing compared to conventional systems.
- Grid Independence – Continues operating during power outages, improving safety and reliability in critical areas.
- Scalability – Easily deployed in phases without requiring additional electrical infrastructure upgrades.
- Improved Safety & Security – Provides consistent nighttime illumination for roads, residential areas, and public spaces.

Solar streetlighting is particularly beneficial for rural roads, highways, residential developments, parking areas, and areas where grid access is limited or costly.

General Data

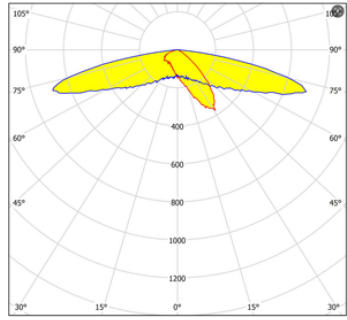
Housing	Mild steel sheet metal
Diffuser	Acrylic optics
Surge protection	10kV/kA 20kV/kA optional
Housing finish	Powder coated
Spigot entry	76mm Bottom entry
Spigot entry depth	115mm
Nominal Voltage	12V DC
Operating temperature	-15 °C to + 45 °C

Technical Data

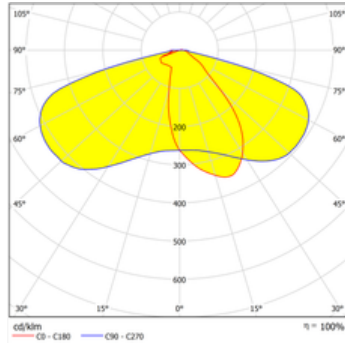
Full product name	Luminous Flux (up to)	Efficacy (up to)	Weight	LED Lifetime
Impi All-In-One Solar Streetlight	22000lm	220lm/w	10 to 24kg	100,000hrs

Polar curves

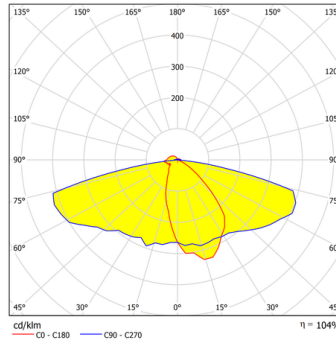
08001 Long pole



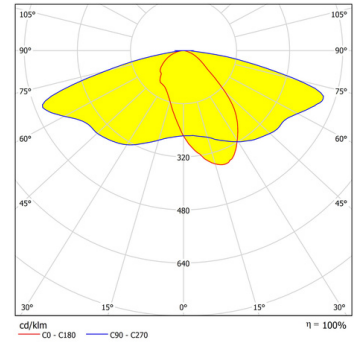
08002 Back cut off



08003 Highway



08004 Mainroad long pole



Ordering Data (*optional)

Colours: Grey

CCT: 5000K / *5500K

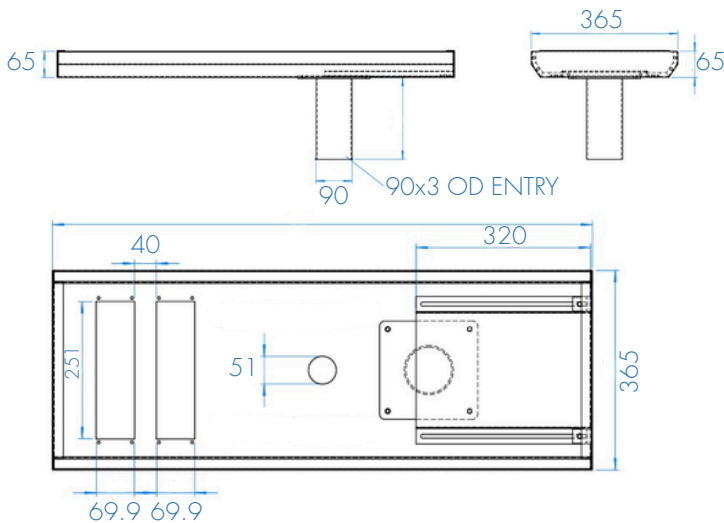
Features IP65 / LiFePO4 Battery / 3030 LED chips / Motion sensor / Mono-crystalline Solar panel

Installation: 3.5m to 10m mounting height

Accessories: *Wall bracket

Applications: Residential areas / Car parks / Shopping malls / Pedestrian walkways / Public squares

Dimensions (in mm)



Up to 60W 990mm x 365mm x 65mm

Up to 100W 1114mm x 764mm x 65mm

Up to 150W 1280mm x 821mm x 65mm



Mounting instructions

- Ensure that the power has been disconnected from the pole if present
- Remove existing fitting if present
- Tighten the grub screws to no more than 9 nm
- Test the luminaire to ensure that it is functioning correctly
- **NB - This luminaire must be installed by an accredited and qualified electrician**

Locally manufactured *the images shown are for illustration purposes only and may not be an exact representation of the final product. 5 Year warranty (terms and conditions apply)