

Lucan All-in-one Solar LED-streetLight 80W

Streets - Residential- and District Lighting

The Lucan ALL-IN-ONE solar street light (80 W) impresses with its sleek, modern housing. It offers flexible COB/SMD LED chip options for individual brightness adjustment, combined with high-quality lenses for wider beam angles and optimal light transmission.

The all-in-one design integrates solar panel, controller, and battery for simplified installation. An optional smart IOT system with GPRS/LoRa connectivity allows real-time remote monitoring, fault detection, and centralized management via a remote monitor center, making it perfect for urban streets, commercial areas, and large-scale outdoor lighting deployments.



Technical Description

Model:	SSTL-LU80W/6000K
Solar module:	80W
Luminous:	190LM/W
Working mode:	Light control and time control
Solar panel charge time:	5 Peak sun hours
Working time a light pattern	>=12hours
Raining days backup:	3days
Color temperature:	6000k
Induction angle:	70°/140
Light pole diameter:	76mm
Installation distance:	25~30m
Storage temperature:	0-55°C
Operating humidity:	<=95%RH
Charging temperature:	0-55°C
Discharging temperature:	-10°C~60°C
Recommanded installation height:	6~8m
Product dimensions:	1340*380*60mm
Package dimensions:	1390*430*180mm(2PCS/CTN)
Product weight:	26.5kg(2PCS/CTN)

Due to the complexity of the many possible combinations of drivers and LED modules, the values shown for technical LED parameters, including performance parameters, are typical. Actual values of specific products in specific configurations may vary from these typical values. The information and diagrams contained in this document do not constitute an offer or contractual obligation. Product parameters may change as a result of technical innovation and will be undertaken without prior notice. Our manufacturing conforms to VDE-, CE regulations.