

SOL-ONE MINI

Integrated solar luminaire

SA PAT. 2012/07685



Bottom entry version



Side entry version



Key advantages

- Designed and manufactured in South Africa
- Flexible LED engine configurations to cover a wide range of applications
- Spigot options are available for both bottom and side-entry installation
- Optional remote management functionality enables efficient seasonal scheduling adjustments, reducing on-site intervention and optimizing operational performance
- Low glare and aesthetic visual appearance
- Designed to operate from sunset to sunrise using dimming profiles and movement sensors where applicable
- It has sufficient autonomy to operate reliably at night for up to two consecutive overcast or rainy days
- Specifically engineered for all geographical locations in Africa
- Hail- and corrosion-resistant solar module
- Circular economy 3-star rating
- Warranty up to 5 years (Terms and conditions apply)

Characteristics

GENERAL INFORMATION

Autonomy days	2 days
Geographical location	Designed and optimised for various locations
Aerodynamic resistance (CxS)	0.36m ²
Solar module technology / Rated lifetime	Monocrystalline photovoltaic module: 25 years / 80%
Energy storage technology / Expected lifetime	Lithium: 5-8 years
System operating voltage	12V DC
Operating temperature range (Ta)	-10°C up to +40°C

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Nominal flux (up to)	7,685lm
Nominal efficacy (up to)	258lm/W
Colour temperature	4000K (Neutral white 740), 3000K (Warm white 730), 5700K (Cool white 757) CRI ≥70
Lifetime of the LEDs @Tq 25°C	100,000h - L95B10



OFF-GRID AREAS



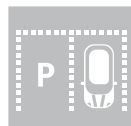
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