

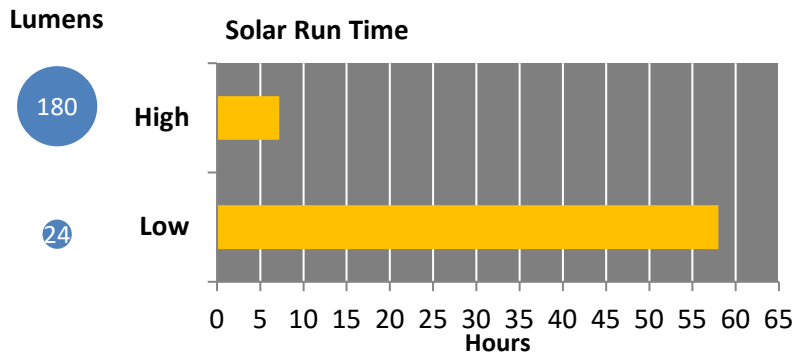
Mobiya TS170S

Schneider Electric

Verify www.lightingglobal.org/products/se-ts170

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Valid Until: May 31, 2021



Meets Lighting Global Minimum Quality Standards



Mobile Charging



1 Light Point

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure***	Brightness Setting**	
	High	Low
Full battery run time* (hours)	7.6	66
Run time per day of solar charging* (hours)	7.2	58
Total light output (lumens)	180	24
Total lighting service (lumen-hours / solar-day)	1300	1400

*Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

** Additional brightness settings (not tested): Medium

***The measured values exceed the manufacturer ratings.

Lighting Details

Lamp type	LED
Description of light points	Four LEDs with frosted cover
Colour characteristics	CRI 75 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from frequent rain. Met IP67 (Resistant to immersion in water).

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	3.4 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	2 x 18650 cylindrical cells
Battery capacity	3000 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO9001:2008/ ISO14001:2004 / ISO50001:2011/ OHSAS18001:2007
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Product Details

Manufacturer name	Schneider Electric
Product name	Mobiya TS170S
Product model / ID number	AEP-LB01-SU12W
Contact information	Ezhilmaran.ranga@schneider-electric.com Prashanth.nagaraja@schneider-electric.com
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SSS Information

Specs sheet expiration date	May 31, 2021
Minimum Quality Standards Framework Version	2018
Revision	2018.08