

15W Quad 600

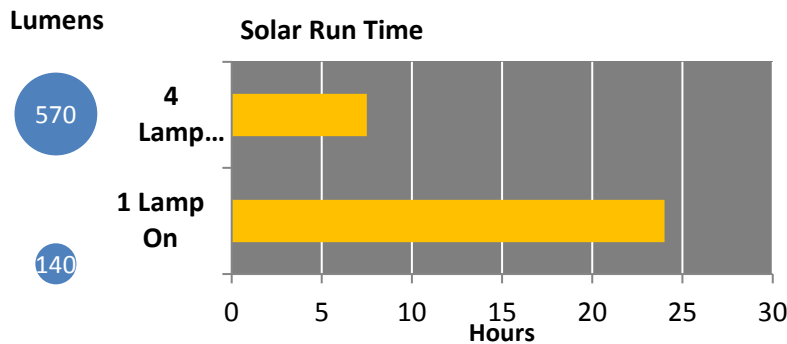
Azuri Technologies Ltd.

Results based on test procedures detailed in IEC 62257-9-5, ed. 2.0

Verify Online:

www.lightingglobal.org/products/az-quad600

Valid Until: December 31, 2018



Meets Lighting Global Quality Standards

Mobile Charging

4 Light Points

PAYG Pay-As-You-Go Enabled

Warranty Information

The product is warranted for 24 months against manufacturing defects from the time of original purchase by the first end-user.

Performance Details

Performance Measure	Brightness Setting	
	4 Lamps On	1 Lamp On
Full battery run time* (hours)	8.9	34
Run time per day of solar charging* (hours)	7.5	24
Total light output (lumens)	570	140
Total area with illumination > 50 lux** (m ²)	0.7	--
Total lighting service (lumen-hours / solar-day)	4300	3400

* 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.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

Lighting Details

Lamp type	LED
Description of light points	Eight LEDs in the each light point with a transparent cover.
Colour characteristics	CRI 72 CCT "Near Daylight" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	99% of the original output remains after 2,000 hours run time

Special Features

Radio	Radio with rechargeable Li-ion battery that provides a full-battery run time of 12 hours.
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Switchable outputs	Individual switchable light and phone charging outputs. Independent 3 stage dimming for each light output. Phone charging cables and adaptors included.
Keypad	Keypad for entering PAYG authorisation code.
Indicators	LED indicators for solar charging, credit and battery charge.
Payment Systems	Mobile Money and Scratchcards with SMS
HomeSmart™	Automatically adjusts the light output to extend run-time in poor charging conditions

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only.

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	13 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Main Unit LiFePO ₄ ; Radio Li-Ion
Battery package type	2 x 32700
Battery capacity	Main Unit 10900 mAh; Radio 800 mAh
Battery nominal voltage	Main unit 3.2 V; Radio 3.7 V
Appropriate battery protection circuit	Pass

Marks and Certifications

Factory certification	ISO9001:2008, ISO14001:2004
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Product Details

Manufacturer name	Azuri Technologies Ltd.
Product name	15W Quad 600
Contact information	info@azuri-technologies.com
Website	www.azuri-technologies.com

SSS Information

Specs sheet expiration date	December 31, 2018
Quality Standards Framework Version	2016
Revision	2016.12