

Home Mate- H1

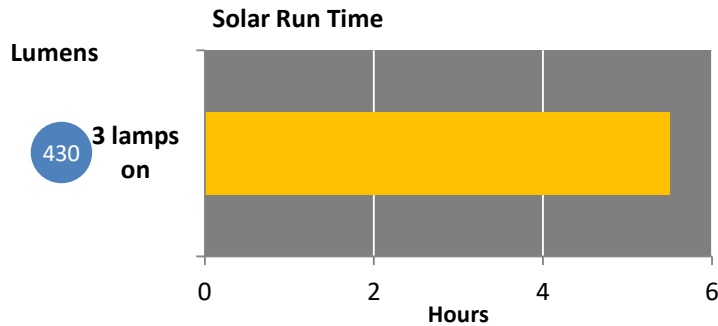
JUA Energy

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

Verify Online:

www.lightingglobal.org/products/jua-jhm30

Valid Until: March 31, 2020



Meets Lighting Global Quality Standards



Mobile Charging

3

Light Points

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting
	3 lamps on
Full battery run time* (hours)	7.1
Run time per day of solar charging* (hours)	5.5
Total light output (lumens)	430
Total lighting service (lumen-hours / solar-day)	2400

* 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.

Lighting Details

Lamp type	LED
Description of light points	12 LEDs in each bulb under a frosted cover
Colour characteristics	CRI 81 CCT "Cool" (3000-5000 K)
Distribution type	Wide
Lumen maintenance	98% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	USB and micro-USB ports included for mobile phone charging
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Durability

Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, and 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	6.7 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium iron phosphate
Battery package type	26650 x 3
Battery capacity	9600 mAh
Battery nominal voltage	3.2 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	JUA Energy
Product name	Home Mate- H1
Product model / ID number	JHM-30
Contact information	hill.ren@juaenergy.com
Website	www.juaenergy.com/

SSS Information

Specs sheet expiration date	March 31, 2020
Quality Standards Framework Version	2018
Revision	2018.03