



illumination

ABOUT ILLUMINATION'S NEW SOLAR LIGHT

THE MANDARIN ULTRA

The Mandarin Ultra is the cheapest, quality solar light in the world. It makes renewable energy accessible to the world's poorest people.

The Mandarin Ultra is ultra-bright, long lasting and highly durable. It was specifically designed to survive everyday use in the harsh conditions of the developing world, and has been proven on the ground through several years of development and testing across Africa and Asia.



MANDARIN ULTRA FEATURES

Performance

- Ultra bright light from 12 super bright LEDs
- Long lasting: Provides light for 6 to 8 hours per charge
- Fast solar charging: 6 to 8 hours

Design

- Suitable for indoor and outdoor use
- Side lugs for ceiling, wall or table-top placement
- Light and compact for easy and inexpensive transport
- Option to include convenient hanging kit

Reliability/durability

- Robust casing & built-in solar panel (no breakable parts)
- Water and weather-resistant
- 3 year lifetime
- 1 year warranty

The Mandarin Ultra is made from environmentally responsible and recyclable materials

illumination Headquarters Limited

Rm. 1311, Yue Fung Ind Bldg, 35-45 Chai Wan Kok St.
Tsuen Wan, NT, Hong Kong
contact@illuminationsolar.com

www.illuminationsolar.com

Feature	<i>Mandarin Ultra Value</i>
Illuminance	44+ lumens
Number of LEDs	12 LEDs
Charge time	6 – 8 hours
Hours of light per charge	6 – 8 hours
Rechargeable batteries	3 x AA 600mAh Ni-MH (replaceable)
Warranty	1 year
Physical protection of weather-exposed areas	IP44 (Protection against splashed water from all directions, and solid foreign bodies with $\varnothing > 1\text{mm}$)
Weight	220g gross 240g net (in box)
Dimensions of solar light	11 cm diameter x 2.5 cm high
Dimensions in box	11.5cm x 11.5cm x 4cm
LEDs lifetime	100,000 hours
Output	0.3W
Solar panel	6V