

manufactured product

SOLUX-LED-50

60 lumens, 1.5 W module, NiMH re-chargeable battery pack, 4-5 hours of light daily
Mobile solar lamp for developing countries



Contains
highly efficient LED

Exclusively from
SOLUX at a
reasonable price

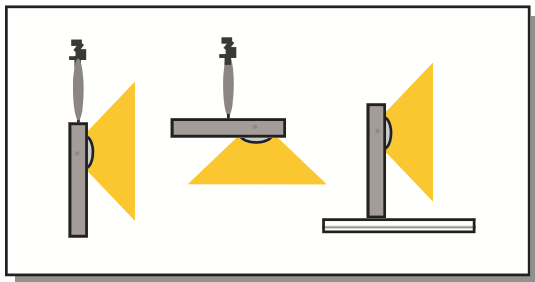
Use photovoltaic
instead of kerosene

SOLUX-LED-50

A mobile solar lamp for daily use.

Thanks to modern LED technology, robust design, and efficient production, SOLUX is able to supply inexpensive lamps with an exceptionally good price-performance ratio.

The solar lamp provides bright light for work, reading, and leisure, lasts 4-5 hours per charge from the solar module, and is designed for use in rough environments. Every day, the lamp is recharged with the solar module: Simply plug in the charger leads, place the solar module into the sun...done!



For hanging, standing upright, lying down...

■ Small but powerful

- Unbreakable lamp, light and easy to handle
- 4-5 hours of bright light daily. After that, decreasing brightness for several hours.
- Three grades of brightness with 100% , 50% and 15% to help extend battery life
- Environmentally friendly NiMH re-chargeable battery pack with three type AA batteries
- Super bright, highly efficient LED with 100 lumen/watt
- Red LED charge control light
- Stable 1.5W module, PET coated and unbreakable
- 2 m secure cable with plug
- Optional: Use your solar module to charge the cell phone. Ask your dealer for the right adapter.

■ Prices for the complete pack

Price according our actual price list. Please ask SOLUX. VAT not applicable if export certificate can be produced. Prices do not include packaging and transport. Prices subject to change. SOLUX e.V. can arrange for domestic and international sea or airfreight shipping of large quantities.

■ Cell phone charging

Charge your cell phone with your SOLUX solar module. SOLUX provides a set of cell phone adapters. Ask your local SOLUX partner.

■ Never use kerosene again

Solar lamps replace kerosene lamps in developing countries. Each traditional lamp uses about 33 litres of kerosene per year. At a price of 1,5 USD for kerosene per week , the SOLUX-LED-50 is paid during six months. And most importantly, the SOLUX-LED-50 produces as much light as 5 kerosene lamps combined!



SOLUX e.V. supplies solar lamps, organizes their transport, and gives marketing and financial advice.



■ Technical specification

Solar lamp

ABS plastic body
Highly efficient LED with 100 lumen/Watt
Luminous flux 60-90 lumen (depending on charge of battery)
Maximum of 7.5 hours of bright light with fully charged batteries, afterwards decreasing brightness over several hours
Average burning time: 4-5 hours for daily use
Red LED charge control light
Re-chargeable battery: 3.6V NiMH (3 x 1.2V AA) / 1800 mAh

Solar module 1.5W cSi within ABS plastic frame

Solar cell with PET coating, non-breakable
Maximum performance (Pmpp) 1.5W
Maximum operating current (Impp) 0.252A
Maximum operating voltage (Vmpp) 6.0V
4m of cable with 2.5mm plug

Size and Weight

Lamp: 10 * 5 * 3 cm ; 130g
Module: 19 * 15 * 1.5cm ; 230g
Total weight: 360g

■ SOLUX e.V.

Solux e.V. is a non-profit organization aiming at developing, promoting, and introducing solar lamps in southern developing countries.

During the last several years, robust solar lamps have successfully been developed and distributed in cooperation with suppliers and aid organizations. In addition to the SOLUX-LED-50, SOLUX offers a range of other types of lamps which are sold as kits that can be assembled by the customer. Please contact us for more information!



■ Ordering address

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