

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**

From €21.- + VAT including module in quantities of 200 or more

**Contains highly efficient LED**

**Exclusively from SOLUX at a reasonable price**

**Use photovoltaic instead of kerosene**

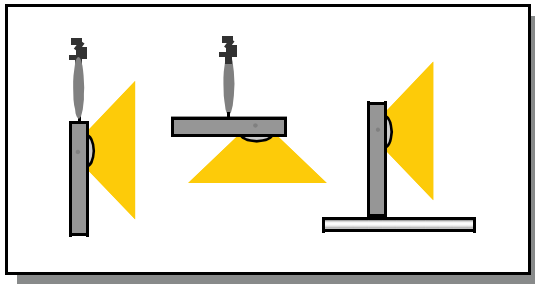
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# SOLUX-LED-50

*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... everything is possible.*

## ■ Small but powerful

- Unbreakable lamp, light and easy to handle
- 4-5 hours of bright light daily. After that, decreasing brightness for several hours.
- Two grades of brightness with 100% and 50% 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

## ■ Prices for the complete pack

SOLUX-LED-50 with module	price in € excl. VAT
1 to 19 packs	27,00
20 to 199 packs	24,00
from 200 packs	21,00
Plug-charger	1,80

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.

## ■ 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 €0.40 to €1.00 per litre of kerosene, the SOLUX-LED-50 is paid for after only 1-1.5 years. And most importantly, the SOLUX-LED-50 produces as much light as three 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  
2 m 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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