ZOLUNA

SOLAR CHARGED. MOON READY

DUTCH DESIGN · SOLAR LIGHTING



USER MANUAL

BOBBIE

Solar table lamp with touch dimmer

MODEL TL-0001 | 6 COLOURS | EN · 2027



WELCOME

Your table, beautifully lit.

Thank you for choosing BOBBIE. This cordless table lamp charges in the sun or via USB and gives warm 2700 K light: touch to switch on, hold to dim.

Please read this manual before use and keep it for future reference. You can always find the latest version via the QR code in your box or at **www.zoluna.nl**.

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READ THIS FIRST

Before you start

BOBBIE is a battery powered light. It is safe, low voltage and easy to use, as long as you keep the points below in mind.

SAFETY

- Do not use the light if the housing, diffuser or solar panel is damaged.
- Do not open the LED module or the solar panel. Only the battery compartment may be opened by the user.
- Use only an 18650 Li-ion cell, 3.7 V, of the same type as supplied. Never use non rechargeable batteries.
- Do not short circuit, puncture, heat or burn the battery, and keep it away from fire.
- Charge via USB indoors only, with a 5 V ⎓ 1 A adapter. Never charge in the rain or with a damaged cable.
- Keep the battery and small parts away from children and pets.
- Do not modify the product. Any modification voids the warranty.

GOOD TO KNOW

- Suitable for outdoor use. Splash proof to IP44: protected against rain and splashing water. Do not immerse; bring it inside during heavy weather.
- Works between −20 °C and +50 °C.
- The LED cannot be replaced. The battery can.
- Charges by sunlight and, if you wish, via USB (cable not included).

Charge before first use. Charge BOBBIE fully once via USB (about 4 hours), or let it charge in direct sunlight for 1 to 2 sunny days, before judging its runtime.

YOU WILL NEED

Nothing: BOBBIE comes fully assembled.

TIME

Ready to use. 4 hours for a full USB charge.

QUESTIONS?

info@zoluna.nl
www.zoluna.nl

UNBOXING

What's in the box

1 ×
BOBBIE solar table lamp with battery

1 ×
Manual

Not included: USB cable and power adapter.

Product overview



1 Solar panel	On top of the shade. Charges the battery by day.
2 LED & opal diffuser	Warm white 2700 K, 160 lm, glare free.
3 Touch button	On the base: touch for on/off, hold to dim.
4 USB charging port	In the base, input 5 V ⎓ 1 A.
5 Base	Weighted base for a stable stand.

BOBBIE is switched on and off by hand with the touch button.



BEFORE YOU START

Choosing the right spot

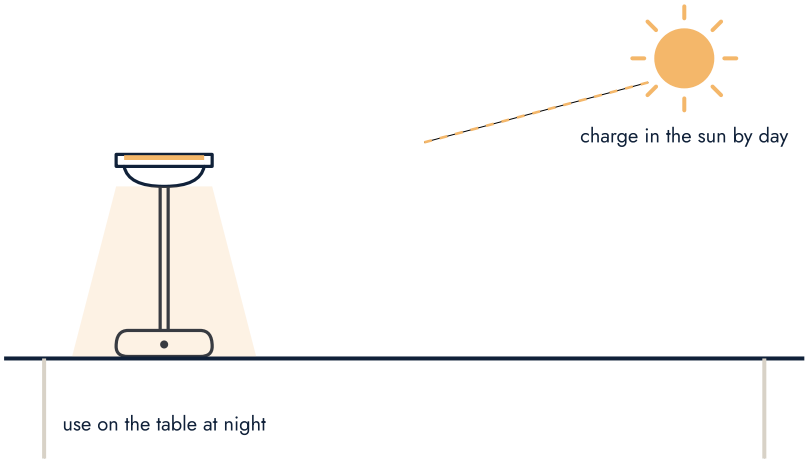
Where you place BOBBIE decides how well it performs. The solar panel needs daylight.

FOR THE BEST CHARGE

- By day, put BOBBIE in a sunny spot: 6 hours or more of direct sun on the panel gives the best charge.
- Indoors behind glass the panel charges much less.
- On grey days or in winter, top up via USB.

AT THE TABLE

- Place BOBBIE on a stable, level surface.
- Keep it out of reach of small children and pets.
- Bring it inside during storms or heavy rain.

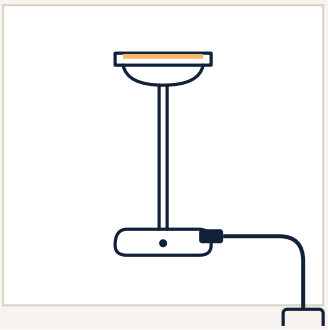






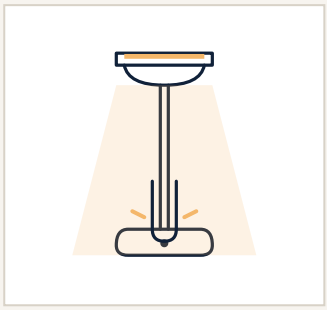
STEP BY STEP

Assembly & first use



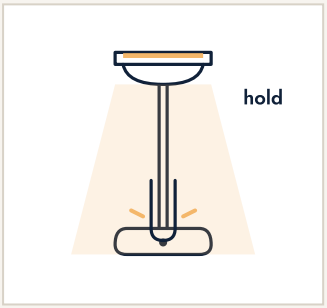
1 **Charge before first use**

Charge BOBBIE fully via USB (about 4 hours), or let it charge in direct sunlight for 1 to 2 sunny days.



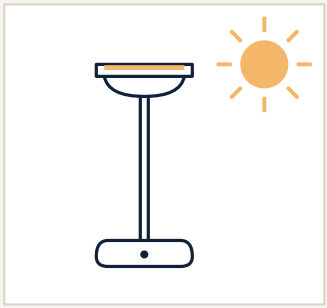
2 **Touch to switch on**

Briefly touch the button on the base to switch on or off.



3 **Hold to dim**

Keep touching to dim smoothly from bright to a soft glow. Release at the level you like.



4 **Charge by day**

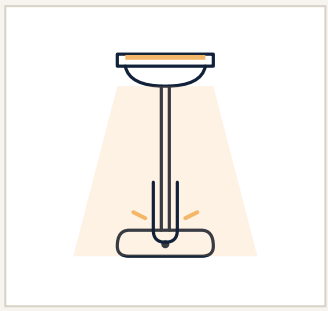
By day, place BOBBIE in the sun to recharge. Switch it off to charge fastest.

OPERATION

Touch & stepless dimming

The touch button is on the base.

Short touch: switch on or off.
Long touch: hold to dim smoothly. Release at the level you like.



SHORT TOUCH

On / off



Switches the light on or off.

LONG TOUCH

Stepless dimming



From full brightness (about 5 h) down to a soft glow (up to about 50 h).*

* Typical values with a fully charged battery. Actual runtime depends on brightness, temperature and battery age.

MANUAL SWITCHING

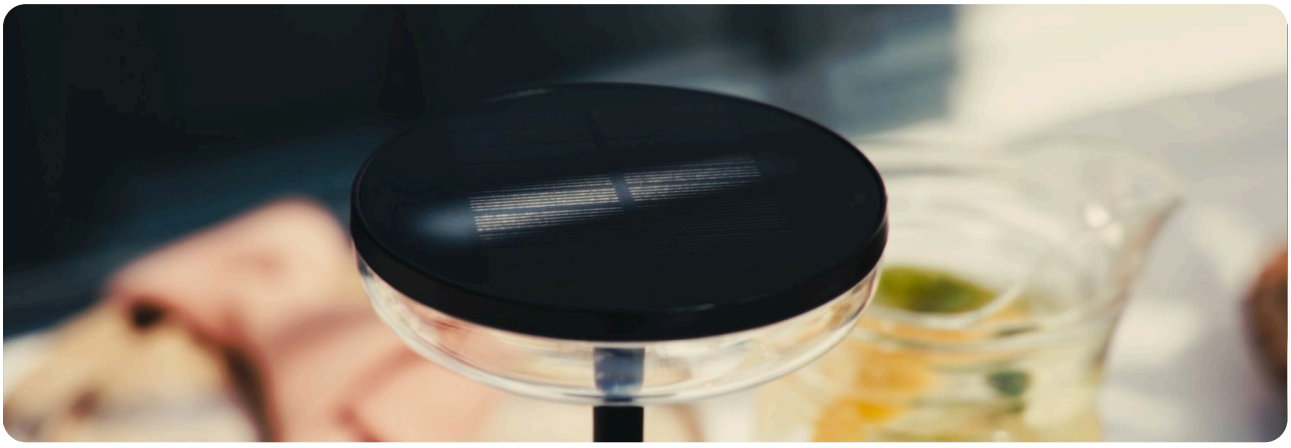
BOBBIE does not switch on by itself at dusk: you decide when it is on. Switch it off when you leave the table.

SIX COLOURS

BOBBIE comes in White, Black, Sand, Cappuccino, Red and Green. All colours work the same way.

ENERGY

Charging: solar & USB



SOLAR CHARGING

The 0.9 W monocrystalline solar panel on top charges the battery whenever there is daylight. A full charge takes about 8 hours of direct sun.

On cloudy days the panel still charges, but more slowly. After several grey days in a row the runtime will be shorter.

SEASONS

In autumn and winter the sun is weaker. Charge BOBBIE via USB for full evenings of light.

USB CHARGING

- Connect a USB cable (not included) to the charging port in the base and to a 5 V ⎓ 1 A USB adapter.
- A full charge takes about 4 hours.
- Charge indoors and keep the port dry.

GETTING THE MOST FROM YOUR BATTERY

- Keep the solar panel clean and free of dust, snow and leaves.
- Storing BOBBIE for a long time? Switch it off and store it charged, in a dry place between 10 and 25 °C. Recharge every 3 months.
- Battery capacity naturally decreases over time; typically after 2 to 3 years the runtime becomes noticeably shorter.

USB	8 h	50 h	160 lm
4 h full charge	full charge by sun	max. runtime (dimmed)	warm white 2700 K

MAINTENANCE

The battery

BOBBIE's battery is replaceable, so a tired battery never means a new light.

HOW TO REPLACE IT

The 18650 battery can be replaced. Contact ZOLUNA customer service via info@zoluna.nl for a replacement battery and the step by step instructions for BOBBIE.



REPLACEMENT BATTERY

Type	18650 rechargeable Li-ion cell
Voltage	3.7 V
Capacity	2000 mAh (7.4 Wh)
Where to buy	ZOLUNA customer service

IMPORTANT

- Never use non rechargeable batteries or a different battery type.
- Replace the battery in a dry place, never in the rain.
- Hand in the old battery at a battery collection point, never with household waste.

LOOKING AFTER BOBBIE

Care & maintenance

- Clean the housing, diffuser and solar panel a few times a year with a soft, damp cloth. Do not use abrasives, solvents, a garden hose or a pressure washer.
- Coastal air, fertiliser and lawn treatments can affect the finish: wipe it down regularly.
- Brush off snow, dust and leaves so the panel keeps charging.
- Bring BOBBIE inside during storms, heavy rain and long frost periods.



SOMETHING NOT RIGHT?

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Light does not switch on	Battery empty	Charge via USB for about 4 hours.
	Touch too short	Touch the button on the base briefly but firmly.
Short runtime	High brightness	Dim the light: it lasts much longer.
	Too little sun	Charge via USB.
	Battery aged	Contact ZOLUNA for a new battery.
Not charging via USB	Adapter or cable	Use a 5 V ⎓ 1 A adapter and a working cable.

Still not working? Contact us at **info@zoluna.nl** with your order number and a photo or short video. We're happy to help.

IN DETAIL

Technical specifications

Model / SKU	TL-0001-WH White · -BL Black · -SD Sand · -MT Cappuccino · -RD Red · -GR Green
Dimensions	Ø 110 × 264 mm
Weight	375 g
Material	ABS, PC and iron, powder coated
Protection	IP44: splash proof
Operating temperature	–20 °C to +50 °C
Light source	SMD LED, 160 lm, 2700 K warm white, CRI 80, 120°
LED lifetime	25,000 hours · LED not replaceable · stepless dimmable
Energy class	Light source: class G · EPREL NBES210400184853
Solar panel	Monocrystalline, 5 V / 0.9 W, 105 × 105 mm
Battery	18650 Li-ion, 3.7 V, 2000 mAh, 7.4 Wh · replaceable
Charging	Solar ≈ 8 h · USB 5 V ⎓ 1 A ≈ 4 h
Runtime	≈ 5 h bright · up to ≈ 50 h dimmed
Control	Touch button: on/off and stepless dimming
Warranty	2 years (battery excluded, see page 12)





WHITE BLACK SAND

CAPPUCCINO RED GREEN

GOOD TO KNOW

Disposal, warranty & contact

DISPOSAL & RECYCLING



This symbol means the light and its battery must not be thrown away with household waste. Take the light to a collection point for electrical and electronic equipment (WEEE), for example your municipal recycling centre or a retailer that takes back old appliances.

Remove the battery first (page 09) and hand it in separately at a battery collection point. Batteries contain materials that can harm health and the environment and that can be recovered. Tape the battery terminals before disposal to prevent short circuits.

SYMBOLS & CONFORMITY

All symbols, safety markings and certifications of BOBBIE are explained on page 13.

WARRANTY

ZOLUNA gives a 2 year warranty on BOBBIE against manufacturing and material defects, from the date of purchase. Keep your proof of purchase.

The rechargeable battery is a wear part and is not covered by this warranty, nor is damage caused by incorrect installation, improper use, modifications, accidents or normal wear. This warranty does not affect your statutory rights as a consumer.

To make a claim, contact the store where you bought BOBBIE or email info@zoluna.nl with your order number and a description or photo of the problem.

MANUFACTURER / IMPORTER

ZOLUNA · Nooteboom Ventures B.V.
Jan Frederik Vlekkeweg 12
5056 RJ Tilburg, the Netherlands
info@zoluna.nl · www.zoluna.nl

BOBBIE · TL-0001 · Made in China

Symbols, safety & compliance



CE marking
Complies with the applicable EU health, safety and environmental legislation.



Battery collection
Hand in batteries separately at a battery collection point.



IP44
Splash proof: protected against rain and splashing water. Do not spray with a hose and do not immerse.



Read the manual
Read all instructions before installation and use, and keep them for later.



Temperature range
Use between –20 °C and +50 °C. Store the battery between 10 °C and 25 °C.



Replaceable battery
The 18650 Li-ion battery can be replaced (see page 09).



USB input 5 V ⎓ 1 A
Charge indoors only, with a 5 V ⎓ 1 A USB adapter (adapter not included).



WEEE
Do not dispose of with household waste. Hand in at a collection point for electrical equipment.



Triman (France)
This product and its packaging are subject to sorting rules for recycling.



Protection class III
Safety extra low voltage: powered by a 3.7 V battery. No mains connection.



Do not stare into the light
Tested to EN 62471: risk group 0, exempt. Still, avoid looking directly into the LED at close range.



No fire
Do not heat, burn or short circuit the battery, and do not throw it into a fire.



LED not replaceable
The LED light source is integrated and cannot be replaced by the user or a professional.



Solar powered
Charges by daylight through the integrated monocrystalline solar panel.

DECLARATION OF CONFORMITY

ZOLUNA declares that BOBBIE (TL-0001) complies with the EU legislation listed below. The full EU declaration of conformity is available on request via info@zoluna.nl. Light source: LED, integrated, not replaceable, energy class G (EPREL NBES210400184853). Battery: 18650 Li-ion, 3.7 V, 2000 mAh, replaceable.

EMC Directive **2014/30/EU**	RoHS Directive **2011/65/EU + (EU) 2015/863**	Battery Regulation **(EU) 2023/1542**
REACH **(EC) 1907/2006**	Ecodesign of light sources **(EU) 2019/2020 · class G**	General Product Safety **(EU) 2023/988**
WEEE Directive **2012/19/EU**	Photobiological safety **EN 62471 · RG0**	Lithium battery transport **UN 38.3**



ZOLUNA

SOLAR CHARGED, MOON READY

Dutch design. High quality solar lighting.
Made to last, season after season.