ZOLUNA

SOLAR CHARGED. MOON READY

DUTCH DESIGN · SOLAR LIGHTING



USER MANUAL

GUUS

Solar spike light with motion sensor

MODEL SL-0002-RD

BLACK · RUSTY BROWN · SAND

EN · 2027



WELCOME

A soft glow, a bright welcome.

Thank you for choosing GUUS. This powder coated aluminium spike light glows softly along your path all night and turns up to full brightness when someone approaches.

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

GUUS 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.
- The battery is built in. Do not try to open the light or remove the battery yourself.
- 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

- For outdoor use. Splash proof to IP44: protected against rain and splashing water. Do not spray with a garden hose or pressure washer.
- Works between −20 °C and +50 °C.
- The LED cannot be replaced.
- Charges by sunlight and, if you wish, via USB (cable not included).

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

YOU WILL NEED

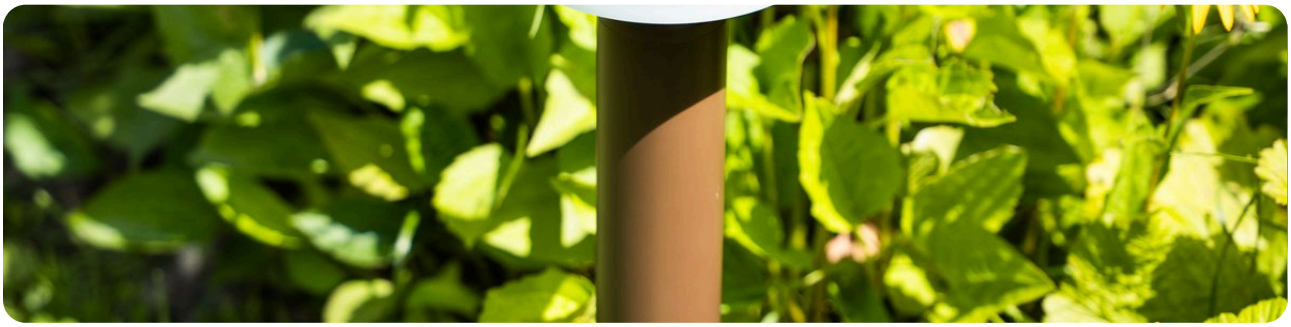
In soft ground no tools are needed. For the fixed base: drill, Phillips screwdriver, pencil.

TIME

About 5 minutes. 1 to 2 sunny days for the first full charge.

QUESTIONS?

info@zoluna.nl
www.zoluna.nl



UNBOXING

What's in the box

1 ×
Head with solar panel, sensor and battery

1 ×
Pole

1 + 1
Ground spike and mounting base

3 + 3
Screws and wall plugs

Not included: USB-C cable and drill.

Product overview



1 Solar panel	On top of the round head, 1.25 W.
2 LED	Under the head, warm white 2700 K, 50 to 400 lm.
3 Motion sensor (PIR)	In the side of the head: 2 to 6 m, 100°.
4 Switches & USB-C	ON/OFF switch, MODE switch and USB-C port on the underside of the head.
5 Pole	Powder coated aluminium, with spike or mounting base.

Integrated light sensor: GUUS switches on automatically when it gets dark (below about 50 lux).



BEFORE YOU START

Choosing the right spot

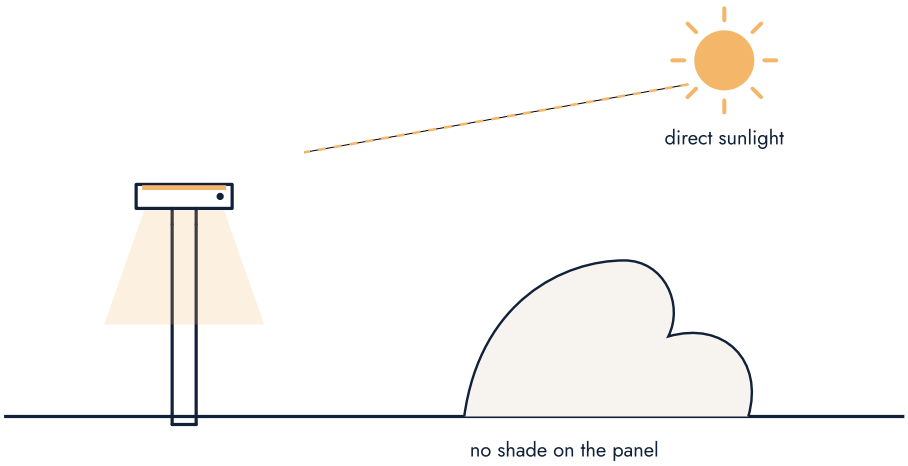
Where you place GUUS decides how well it performs. The solar panel needs daylight; the motion sensor needs a clear view.

FOR THE BEST CHARGE

- Choose a spot with at least 6 hours of direct sunlight a day.
- Avoid shade from trees, shrubs and fences.
- Keep the panel clean and unobstructed.

FOR RELIABLE DETECTION

- The sensor detects movement at 2 to 6 m in a 100° angle. Aim it at the path where people approach.
- Keep away from street lights and other lamps.
- Avoid pointing at roads or swaying plants.





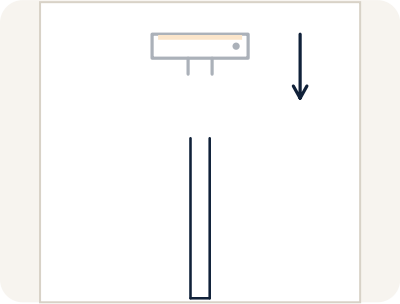


STEP BY STEP

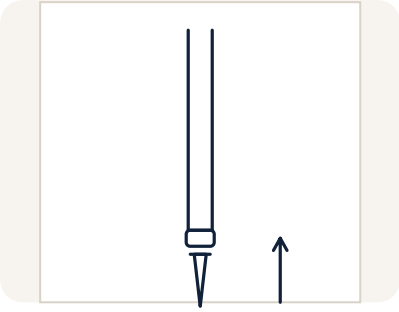
Assembly & first use

A In the ground

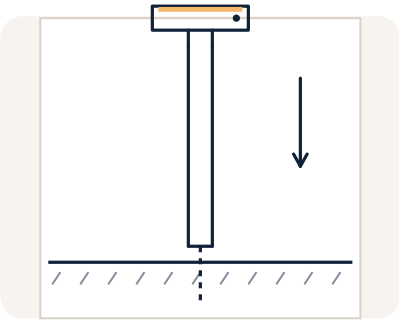
lawn, border, soft soil



1 **Fit the head**
Place the head onto the top of the pole and press it down until it sits firmly.



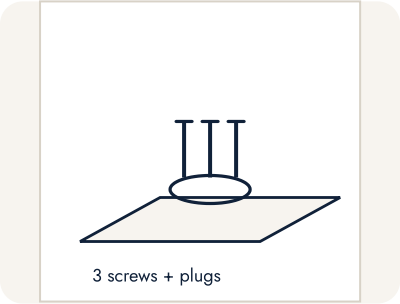
2 **Fit the spike**
Screw the ground spike into the bottom of the pole with the connector.



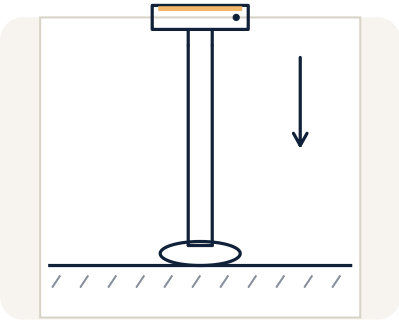
3 **Place in the ground**
Push the light straight into soft soil. Press on the pole, never on the head.

B On a hard surface

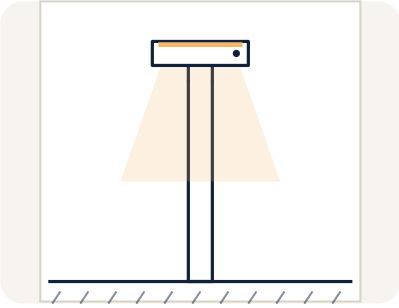
decking, paving · optional



1 **Fix the base**
On decking or paving: fix the round mounting base with the 3 screws and wall plugs.



2 **Fit the pole**
Place the pole on the mounting base and turn it until it sits firmly.



3 **Switch on**
Lift the head, set the ON/OFF switch to ON, choose a mode and put the head back.

OPERATION

Switching on & the 2 light modes

GUUS has an **ON/OFF switch**, a **MODE switch** and a USB-C port on the underside of the head. Lift the head off the pole to reach them, choose a mode, and put the head back.

MODE 1

Constant soft light

Stays on at 50 lm from dusk to dawn. Up to about 24 h on a full battery.*

MODE 2

Soft light + motion boost



50 lm all night; 400 lm when motion is detected, for about 25 seconds.

* Typical value with a fully charged battery.

DUSK TO DAWN

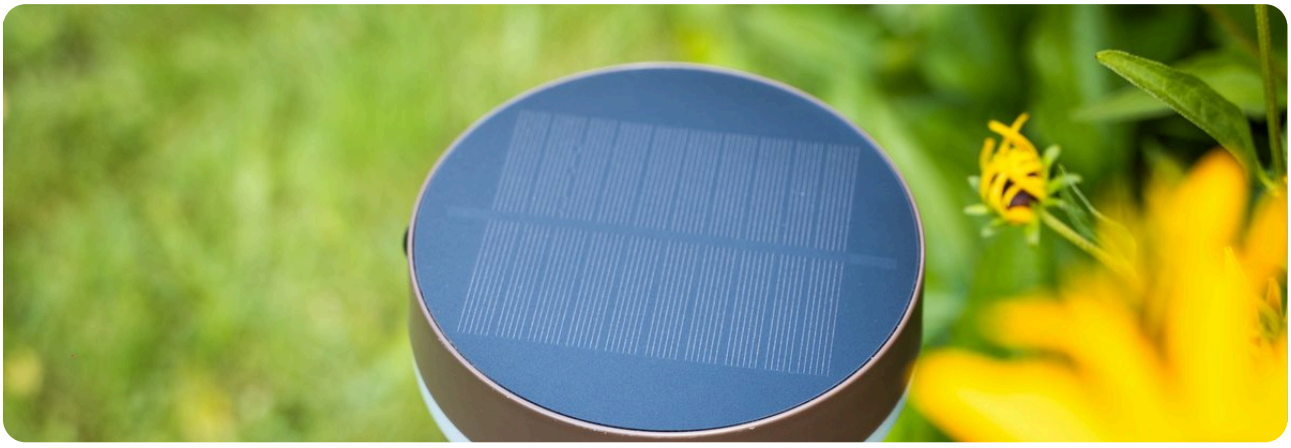
GUUS only lights up when it is dark (below about 50 lux). To test it in daylight, cover the solar panel.

WHICH MODE SUITS ME?

Garden border: **Mode 1**. Path, door or driveway: **Mode 2**.

ENERGY

Charging: solar & USB



SOLAR CHARGING

The 1.25 W monocrystalline solar panel 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 winter there is less sun and the nights are long. Use Mode 2, or top up via USB-C now and then.

USB CHARGING

- Lift the head off the pole and take it indoors.
- Connect a USB-C cable (not included) to the port on the underside of the head and to a 5 V ⎓ 1 A adapter.
- A full charge takes about 4 hours.

GETTING THE MOST FROM YOUR BATTERY

- Keep the solar panel clean and free of dust, snow and leaves.
- Storing GUUS 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.

1.25 W	8 h	4 h	400 lm
mono solar panel	full charge by sun	full charge via USB-C	max. light output

MAINTENANCE

The battery

GUUS has a built in battery pack that is not designed to be replaced by the user.

SERVICE

The 18650 battery is built in and not designed to be replaced by the user. If the runtime becomes too short, contact ZOLUNA customer service via info@zoluna.nl.



BATTERY

Type	18650 Li-ion cell
Voltage	3.7 V
Capacity	2000 mAh (7.4 Wh)
Replaceable	No, built in

IMPORTANT

- Do not open the head or try to remove the battery.
- Do not charge a damaged light or cable.
- At the end of its life, hand in the complete light at a collection point.



LOOKING AFTER GUUS

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.
- Check once a year that the light is still firmly fixed.



SOMETHING NOT RIGHT?

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Light does not switch on at night	Switch set to OFF	Set the ON/OFF switch to ON.
	Battery empty	Charge via USB-C or 1 to 2 sunny days.
	Other light source nearby	Move GUUS away from other lamps.
Short runtime	Too little sun / winter	Choose a sunnier spot or charge via USB-C.
Motion boost does not work	Mode 1 or too far away	Select Mode 2; approach within 2 to 6 m.
Light leans	Soft or loose soil	Press the soil firmly, or use the mounting base.

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	SL-0002-RD Black · -RDBR Rusty brown · -RDSD Sand
Dimensions	Ø 130 × 501 mm
Weight	450 g
Material	Powder coated aluminium, iron, ABS, PC
Protection	IP44: splash proof
Operating temperature	–20 °C to +50 °C
Light source	SMD LED, 50 / 400 lm, 2700 K warm white, CRI 80, 120°
LED lifetime	25,000 hours · LED not replaceable
Solar panel	Monocrystalline, 5 V / 1.25 W, 125 × 125 mm
Battery	18650 Li-ion, 3.7 V, 2000 mAh, 7.4 Wh · built in
Charging	Solar ≈ 8 h · USB-C 5 V ⎓ 1 A ≈ 4 h (cable not included)
Runtime	Up to ≈ 24 h in Mode 1
Sensors	Dusk to dawn (≤ 50 lux) · PIR 2 to 6 m, 100°
Control	ON/OFF switch · mode switch (2 modes)
Mounting	Ground spike or mounting base (3 screws)
Warranty	2 years (battery excluded, see page 12)



BLACK

RUSTY BROWN

SAND

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.

The battery is built in: hand in the complete light at a collection point for electrical equipment, where the battery is removed and recycled separately. 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 GUUS are explained on page 13.

WARRANTY

ZOLUNA gives a 2 year warranty on GUUS 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 GUUS 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

GUUS · SL-0002-RD · 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.

Built in battery
The battery pack is built in and not replaceable by the user (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 GUUS (SL-0002-RD) 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. Battery: 18650 Li-ion, 3.7 V, 2000 mAh, built in.

EMC Directive 2014/30/EU	RoHS Directive 2011/65/EU + (EU) 2015/863	Battery Regulation (EU) 2023/1542
REACH (EC) 1907/2006	General Product Safety (EU) 2023/988	WEEE Directive 2012/19/EU
Photobiological safety EN 62471 · RG0	Ingress protection IEC 60529 · IP44	Lithium battery transport UN 38.3



ZOLUNA

SOLAR CHARGED, MOON READY

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