

After placing your lights indoors, simply connect the LED chain to the control unit (see section "Connecting the LED chain to the control unit"). Now connect the supplied USB cable to the control unit and connect the other end to an AC USB adapter (not included). You can now use the power and mode buttons (see control unit diagram) to control the lights.

Warning: It is extremely important that you remove the battery from the control unit before using it indoors. If you do not remove it, the battery will continuously charge via the USB power source, which will damage the battery and may pose a serious fire hazard.

Disconnecting the solar panel is necessary if you plan to use Lumify indoors, as the solar panel has a light sensor that controls when Lumify turns on and off. Lumify will not turn on indoors if the solar panel is connected and light from the room is shining on it.

Battery replacement

The supplied 18650 3.7V rechargeable lithium-ion battery can operate for at least 1 year before it needs to be replaced. If a problem occurs during the first year of use, it is unlikely that it will be resolved by replacing the battery (see troubleshooting). If you need to replace the battery, unscrew the control unit cover, press the battery compartment lid and carefully slide it to the left to release it. The contact spring will push the battery out so that you can easily remove it. Please dispose of the old battery responsibly in accordance with applicable waste disposal regulations.

Troubleshooting

The lights are on even though it is not yet dark outside

Lumify solar/USB LED lights have a light sensor in the solar panel that instructs the lights to turn on after dark. If the lights turn on by themselves during the day, it is likely that the panel is giving the signal to turn on even though it is not yet dark. This can happen during unusually cloudy weather conditions, but it is usually because the solar panel is located in a very shaded area. Please reconsider the location of your solar panel or remove any objects that are casting shade on it.

The lights worked for the first few nights and then stopped working

Lumify solar/USB LED lights are delivered partially charged, so they will work for a few nights without being recharged from the sun or USB. If the lights stop working after a few nights, it is probably because the device was not sufficiently charged during the first few days. First, try placing the solar panel in a better, sunnier location (see page 2). Once you have done this, charge the device using USB (see page 1) and try again. If you do not have access to a USB charger, turn off the lights using the switch on the control unit and leave them to charge.

at least 3 days for a full battery charge.

The lights cannot be turned on and have never lit up.

1. Please check that the device is switched on using the switch on the control unit.
2. Please note that Lumify solar/USB LED lights will only turn on after dark when connected to a solar panel.
3. If the lights do not turn on after dark, it is possible that nearby lighting is affecting the light sensor. This may be caused by street lighting or your or your neighbour's indoor/outdoor lighting. To check, disconnect the solar panel from the control unit. If the lights turn on, reconnect the solar panel and adjust the angle of the panel so that no light falls on it.
4. Lumify solar/USB LED lights are usually delivered partially charged, but this may not always be the case. Charge the device using USB (see page 1) and try again. If you do not have access to a USB charger, turn off the lights using the switch on the control unit and leave them to charge in the sun for at least 3 days to fully charge the battery.



lumify®

Solar LED lights with USB



Instructions for use

Thank you for choosing our Lumify solar LED lights with USB. [Please read these instructions for use before you start using them.](#)

Package contents

Solar panel, control unit (including battery), LED light chain, ground spike, wall bracket, USB charging cable and mounting accessories.

How Lumify works

During the day, the sun's rays are absorbed by the solar panel, which converts them into energy that is stored in the battery. After dark, the battery powers the LED lights. The Lumify range is designed to operate independently throughout the year. However, you can fully recharge it at any time via USB (using a computer or USB adapter, see "USB charging" below).

Before you begin

Although not essential, for thoroughness we recommend fully charging the battery via USB before first use. If you do not have access to a USB charging device such as a computer or USB adapter, we recommend charging the battery with the solar panel for 3 days before first use. During this initial charging, make sure that Lumify is turned off (see diagram below) and that the solar panel is connected to the control unit.

USB charging

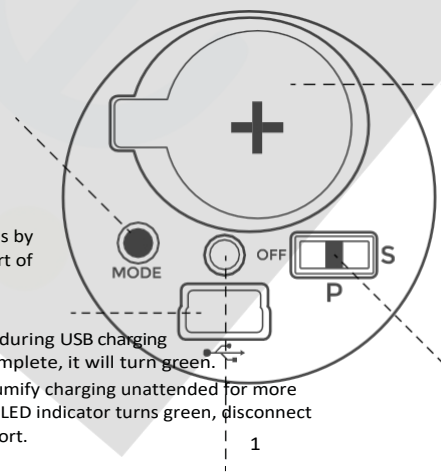
See diagram below. For USB charging, simply unscrew the cover on the control unit, insert the smaller end of the supplied USB cable into the USB charging port and the larger end into the USB adapter or your computer's USB port. Please note that your computer must be turned on during charging. Initially, the USB charging indicator will light up red. When fully charged, the indicator will light up green. USB charging of a 100 LED string will take 4 hours. USB charging of a 300 LED string will take 5 hours. **Warning:** Please do not leave Lumify charging unattended for more than a few hours, and after the LED indicator turns green, disconnect the control unit from the USB port.

Control unit diagram

Mode button Press this button to switch between the different lighting modes.

USB charging port
Use the supplied USB cable to quickly charge your Lumify lights by connecting them to the USB port of your computer or USB adapter.

USB charging indicator
This indicator will light up red during USB charging. When charging is complete, it will turn green.
Warning: Please do not leave Lumify charging unattended for more than a few hours, and after the LED indicator turns green, disconnect the control unit from the USB port.



Battery compartment cover To open the battery compartment, press the cover and carefully slide it to the left.
Warning: Only use 3.7V 18650 rechargeable batteries with the positive terminal facing upwards.

Power button
OFF: The light will charge, but will not turn on after dark
S: Standard mode. Full brightness.
P: Economy mode. The brightness of your lights will be reduced, but the operating time will be extended.
In both P and S modes, your lights will automatically turn on after dark and turn off after 8 hours of lighting.

Setting up your lights

Lumify has a three-part system consisting of a solar panel, a control unit and a light chain. The solar panel has a 2m long cable from the control unit. There is also a 2m long cable between the control unit and the first LED on the chain.

Location of the solar panel

Before placing your solar panel, please carefully consider where you want to put it. Lumify can be charged very quickly via USB, so it can work even in places where there is not enough sunlight, but with a good solar panel position, you will not need to use USB charging at all. Panels that are installed higher up, facing south, south-east or south-west, always perform better. Always try to avoid shaded areas where shadows are cast by buildings, trees, fences or shelters. Keep in mind that there is a 2m long cable between the solar panel and the control unit, and another 2m cable between the control unit and the first LED on the chain.

Mounting the solar panel on a ground stake

Before you try to stick the peg into the ground, please make sure that the solar panel is not connected to the peg and that the ground is not too hard. No warranty applies to damage to the solar panel or peg when attempting to insert it into hard ground. If the ground is too hard, pour water on the selected spot to soften it and use a solid piece of iron to make a hole. The peg must be almost completely in the ground, except for the part above the reinforced rim. Once the peg is in the ground, gently turn the solar panel rod onto the protruding part of the peg and then connect the solar panel.

Mounting the solar panel on a wall, fence or cladding

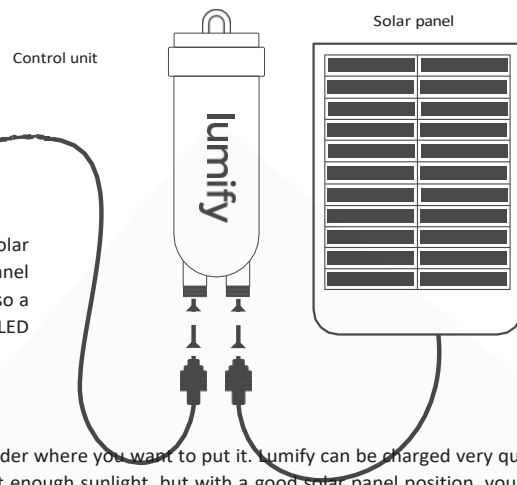
Use the screws provided to attach the wall bracket to your wall, fence or cladding. Once the wall bracket is attached, you can attach the solar panel to it.

Vertical and horizontal tilt

For the best angle in relation to the sun, your Lumify panel can be tilted both horizontally and vertically. For vertical adjustment, loosen the wing nut that holds the solar panel with its bracket and set the desired angle. Then tighten the wing nut again. For horizontal adjustment, simply tilt the solar panel to the desired angle and the panel will remain in this position. If it does not hold firmly, tighten the two screws on both sides of the ball joint on the underside of the solar panel.

Control unit location

The Lumify control unit has an exceptionally high level of water resistance, provided that the screw caps on both connectors (solar panel and LED light chain) are tightly fastened. From a practical point of view, you can place your control unit anywhere within 2 metres of the solar panel and within 2 metres of the first LED on the light chain. We recommend using the hoop on the top cover of the control unit to hang it somewhere above ground level, but you can also place the control unit freely on the ground as long as there is no risk of it being submerged in standing water. Although the control unit has a high degree of water resistance, damage due to placement in standing water is not covered by the warranty.



Connecting the solar panel to the control unit

Now that your solar panel is mounted, you can connect it to the control unit. Turn the control unit so that the Lumify logo is facing you. Plug the solar panel cable into the right-hand input on the control unit and then tighten the cover cap completely. Please note that the connector can only fit into the input in one way, so check the orientation of the connector before attempting to connect it.

Light placement

Before you start placing your lights, please make sure that the LED chain connector is within reach of the control unit.

Warning: Excessive tension on the LED string or solar panel cable can significantly reduce the lifespan of your lighting. Always ensure that the solar string and solar panel cable have some slack. Never leave the control unit hanging loosely at the end of the solar chain or solar panel cable. If you plan to hang your lights around a tree, never wrap them too tightly around the trunk, as it will expand over time, which will eventually cause the chain to stretch. Failure to follow these instructions will void the warranty.

Connecting the LED chain to the control unit

Once you have finished placing your lights, you can connect the chain to the control unit. Turn the control unit so that the Lumify logo is facing you. Plug the solar panel cable into the left input on the control unit and then tighten the cover cap completely. Please note that the connector can only fit into the input in one way, so check the orientation of the connector before attempting to connect it.

Operating instructions

Lumify solar/USB LED lights are fully automatic, so once you turn them on, they will turn on every evening after dark and automatically turn off after 8 hours of lighting, unless you turn them off with the switch earlier. To turn on the lights, simply slide the switch on the control unit to the "S" (standard mode) or "P" (economy mode) position.

Economy mode

Economy mode is suitable for cases where you do not have a suitable location for a solar panel or cannot use USB charging. Lumify's advanced economy mode slightly reduces the brightness of the lights, extending the operating time to several nights. To select economy mode, move the switch on the control unit to the "P" position. In standard mode ("S"), the lights will shine at full brightness.

Light modes

Lumify solar/USB LED lights have a choice of 8 light modes, including flashing, alternating sequences and continuous lighting mode. To switch between modes, simply press the "MODE" button on the control unit (see control unit diagram). However, once you select your mode, Lumify will remember it and turn on with this setting every evening.

Water ingress

Lumify offers an exceptionally high level of protection against water ingress, but this protection is not unlimited. Always ensure that the control unit cover, solar panel connectors and LED chain connectors are fully tightened. Avoid placing the control unit, solar panel and LED chain in a permanently flooded location. Failure to follow these instructions will void the warranty.

Indoor use

Lumify solar/USB LED lights can be used both outdoors and indoors. For indoor use, simply remove the battery (to open the battery compartment, press the cover and carefully slide it to the left). Now disconnect the solar panel and set it aside along with the battery and control unit cover, as you will not need them when using the lights indoors.