

CALEX 4301003103

Calex String Lights Instruction Manual

Model: **4301003103** | Brand: **CALEX**

1. PRODUCT OVERVIEW

The Calex String Lights are designed to provide decorative warm white lighting for outdoor spaces. This set includes 75 LED bulbs distributed along a 45-meter cable, making it suitable for various applications such as garden parties, barbecues, or general ambient lighting.

- Creates a warm atmosphere with warm white lighting.
- Ideal for summer barbecues and garden parties.
- Easy to install, featuring 75 bulbs over a 45-meter length.
- Features a 360-degree beam angle and IP44 certification for dust and splash resistance.
- Versatile for hanging on trees or attaching to fences.
- Intended for decorative accent lighting, not as primary illumination.



This image displays the Calex String Lights product box along with a section of the string lights, highlighting the warm white light feature and the 45-meter length with 75 lamps.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

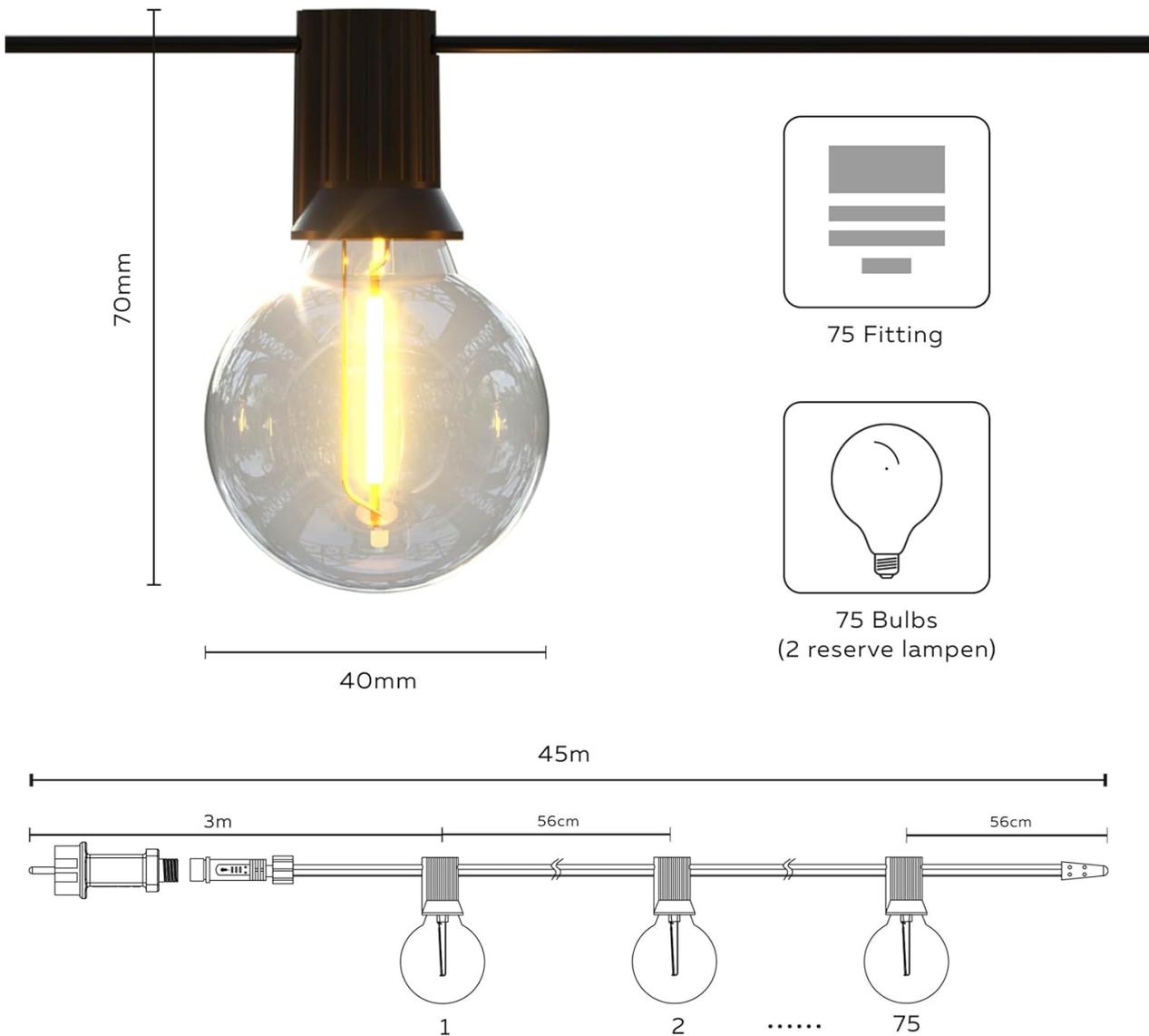
- **Electrical Safety:** Ensure the power outlet used is compatible with the product's voltage (220 Volts) and is properly grounded. Do not overload electrical circuits.
- **Outdoor Use:** This product is rated IP44, meaning it is protected against solid objects larger than 1mm and against splashing water from any direction. It is suitable for outdoor use but should not be submerged in water.
- **Installation:** Do not install the string lights in a way that could damage the cable or bulbs. Avoid placing the cable where it could be tripped over or cut. Ensure all connections are secure.
- **Bulb Handling:** Always unplug the string lights from the power source before attempting to replace any bulbs. Allow bulbs to cool down before handling.
- **Children and Pets:** Keep the product out of reach of children and pets to prevent accidental injury or damage.
- **Damage:** Do not use the product if the cable, plug, or any bulbs are damaged. Contact a qualified electrician for repairs or replacement.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking.

- 1x Calex String Light Set (45 meters, with 75 installed LED bulbs)

- 2x Spare LED Bulbs



A technical diagram detailing the dimensions of a single bulb (40mm diameter, 70mm length), the spacing between bulbs (56cm), the total length (45m), and confirming 75 fittings and 75 bulbs, including 2 spare bulbs.

4. SETUP AND INSTALLATION

Follow these steps to set up your Calnex String Lights:

1. **Unpack:** Carefully remove the string lights from their packaging. Untangle the cable and lay it out to avoid kinks.
2. **Choose Location:** Select a suitable outdoor location for installation. Consider where the power outlet is located and ensure the 45-meter length is sufficient for your desired coverage.
3. **Mounting:** The string lights can be hung using hooks, clips, or ties (not included) on structures like trees, fences, pergolas, or walls. Ensure the mounting points are secure and can support the weight of the lights. Distribute the weight evenly.
4. **Connect to Power:** Once the string lights are securely mounted, plug the electrical cable into a compatible 220V outdoor power outlet. Ensure the outlet is protected from direct heavy rain if not already rated for outdoor use.



The string lights are shown installed above an outdoor dining table, providing warm ambient lighting for a garden setting.

5. OPERATING INSTRUCTIONS

Operating the Caalex String Lights is straightforward:

- **To Turn On:** Plug the string lights into a live 220V power outlet. The lights will illuminate immediately.
- **To Turn Off:** Unplug the string lights from the power outlet.

Note: This product does not feature an integrated on/off switch. Operation is controlled by plugging and unplugging the unit or by using a switched outlet.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your string lights.

- **Cleaning:** Disconnect the power before cleaning. Wipe the bulbs and cable with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** If a bulb fails, unplug the string lights. Carefully unscrew the faulty bulb and replace

it with one of the provided spare bulbs or a compatible LED bulb (E27 base, 1W, 2700K). Ensure the replacement bulb is securely tightened to maintain the IP44 rating.

- **Storage:** During prolonged periods of non-use, especially in harsh weather conditions, it is recommended to unplug and store the string lights in a dry, cool place.



This image illustrates the IP44 water resistance of the string lights, showing them outdoors during rainfall, emphasizing their suitability for various weather conditions.

7. TROUBLESHOOTING

If your Calex String Lights are not functioning as expected, try the following:

- **Lights Not Turning On:**
 - Check if the power plug is securely inserted into a working outlet.
 - Verify that the power outlet is receiving electricity (test with another appliance).
 - Inspect the entire length of the cable for any visible damage or breaks.
 - Check individual bulbs. If one or more bulbs are faulty, replace them as per the maintenance instructions.

- **Flickering Lights:**

- Ensure all bulbs are screwed in tightly. Loose connections can cause flickering.
- Check for stable power supply.

If troubleshooting steps do not resolve the issue, contact customer support or a qualified electrician.

8. SPECIFICATIONS

Brand	CALEX
Manufacturer	CALEX
Item Model Number	4301003103
Product Dimensions (L x W x H)	4499.99 x 4 x 7 cm (approx. 45 meters x 4 cm x 7 cm)
Item Weight	1.75 Kilograms
Color	Black (cable)
Material	Plastic
Number of Bulbs / Light Sources	75
Bulb Type	LED
Power per Bulb	1 Watt
Total Power	75 Watts (75 bulbs x 1W/bulb)
Luminous Flux per Bulb	39 lm
Voltage	220 Volts
Color Temperature	2700 Kelvin (Warm White)
Special Features	Warm white lighting, 360-degree diffusion
Power Source Type	Electrical Cable
Indoor/Outdoor Use	Outdoor
Batteries Required/Included	No
Energy Label	Not applicable
ErP Directive Note	Chromatic coordinates $x=0.5572$, $y=0.4055$ and the range $-2.3172x^2 + 2.3653x - 0.2199 < y < -2.3172x^2 + 2.3653x - 0.1595$ are outside the scope of the ErP directive.

9. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For details regarding warranty coverage, returns, or technical support, please contact the retailer where the product was purchased.

Spare parts availability information is currently unavailable.