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Bowfar GP-SW-310DC0116-IP44(EU)-1CT

Bowfar 20M 200 LED Warm White Copper Wire String Lights Instruction Manual

Model: GP-SW-310DC0116-IP44(EU)-1CT | Brand: Bowfar

1. INTRODUCTION

Thank you for choosing the Bowfar 20M 200 LED Warm White Copper Wire String Lights. This manual provides essential information for the safe and effective use of your product. Please read it thoroughly before installation and operation, and retain it for future reference.

2. SAFETY INSTRUCTIONS

- Ensure the power adapter (IP44 rated) is protected from direct moisture when used outdoors. The string lights themselves are IP65 waterproof.
- Do not attempt to modify or repair the product. Contact customer support for assistance.
- Keep the product away from heat sources and open flames.
- Do not immerse the power adapter in water.
- Unplug the power adapter from the outlet before cleaning or when not in use for extended periods.
- This product is not a toy. Keep out of reach of children.

3. PACKAGE CONTENTS

- 20M 200 LED Warm White Copper Wire String Lights
- Power Adapter (CE certified, IP44)
- Remote Control (requires 1 'A' battery, not included)
- User Manual

4. PRODUCT FEATURES

- **Length:** 20 meters (approximately 66 feet)
- **LED Count:** 200 LEDs
- **Light Color:** Warm White (2500K)
- **Wire Material:** High-quality 3-strand copper wire, flexible and durable.

- **Waterproof Rating:** IP65 for string lights, IP44 for power adapter.
- **Power Supply:** CE certified 31V adapter with 5m extension cable.
- **Energy Efficiency:** Low power consumption (2.7 Watts, 6 kWh/1000h).
- **Control:** Remote control with 8 lighting modes, 4 brightness levels, and timer functions.
- **Safety:** Low voltage, safe to touch, no overheating after prolonged use.

SUPERIOR BRIGHTNESS LIGHT UP YOUR PLACE



Ours :

- 3 copper wires
- More bright and durable
- Consistent brightness



Others :

- 2 copper wires
- More weak and durable
- Unsteady brightness



Image: Illustration comparing the superior brightness and durability of 3-strand copper wire used in Bowfar lights versus standard 2-strand wires.

5. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the string lights and all components from the packaging.
2. **Install Battery (Remote):** Open the battery compartment on the remote control and insert one 'A' battery (not included), ensuring correct polarity.
3. **Position Lights:** Unwind the copper wire string lights and arrange them in your desired location. The flexible wire allows for various shapes and designs (e.g., around plants, railings, or in jars).

4. **Connect Power:** Connect the string lights to the IP44 rated power adapter.
5. **Plug In:** Plug the power adapter into a standard electrical outlet.
6. **Outdoor Use Precaution:** If using outdoors, ensure the IP44 power adapter is placed in a location protected from heavy rain or snow to prevent damage.



Image: Diagram illustrating the components including the 20M 200LED string lights, power adapter, and inline control switch, along with approximate dimensions.



Image: Examples demonstrating the flexibility of the copper wire, allowing users to shape the lights into various decorative forms like a heart, star, or placing them inside jars.

6. OPERATING INSTRUCTIONS

6.1 Using the Remote Control

The included remote control allows you to manage various functions of your string lights.

8 LIGHT MODES/DIMMER/TIMER



1. Combination

2. In waves

3. Sequential

4. Slow Glow

5. Chasing/Flash

6. Slow fade

7. Twinkle/Flash

8. Steady on

Timer off:

use this option to turn off the timer.

6H:

Automatically 6h on / 18h off

8H:

Automatically 8h on / 16h off

6639H:

Automatically 6h on > 6h off > 3h on > 9h off



Brightness: 4 levels

Image: The remote control displaying buttons for power (ON/OFF), timer settings (1H, 2H, 6H, 8H, 6639H), 8 lighting modes, and brightness adjustment (DIM +/-).

- **ON/OFF:** Press the **ON** button to turn the lights on, and **OFF** to turn them off.
- **Mode Selection:** Use buttons **1** through **8** to select from the following lighting modes:
 1. Combination
 2. In waves
 3. Sequential
 4. Slow Glow
 5. Chasing/Flash
 6. Slow fade
 7. Twinkle/Flash
 8. Steady on
- **Brightness Adjustment:** Press **DIM +** to increase brightness or **DIM -** to decrease brightness. There are 4 brightness levels.

- **Timer Function:**

- **TIMER OFF:** Use this option to deactivate the timer.
- **6H:** Lights will automatically turn on for 6 hours and then off for 18 hours, repeating the cycle.
- **8H:** Lights will automatically turn on for 8 hours and then off for 16 hours, repeating the cycle.
- **6639H:** This mode cycles through 6 hours on, 6 hours off, 3 hours on, and 9 hours off.

- **Memory Function:** The lights will remember the last selected mode and brightness setting when turned off and on again.

6.2 Using the Inline Control Switch

An inline control switch is located on the power cable for basic ON/OFF functionality.

- Press the button on the inline switch to cycle through the lighting modes or to turn the lights on/off.

7. MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Wipe the lights and wire with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, carefully coil the string lights and store them in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement (Remote):** If the remote control stops responding, replace the 'A' battery.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply; loose connection; remote battery depleted.	Check if the power adapter is securely plugged in. Ensure all connections are firm. Replace the remote control battery.
Remote control not working.	Remote battery depleted; obstruction between remote and receiver.	Replace the remote control battery. Ensure there is a clear line of sight to the power adapter's receiver.
Lights flicker or dim unexpectedly.	Unstable power supply; loose connection.	Check power outlet and connections. Try plugging into a different outlet.
Timer function not activating correctly.	Incorrect timer setting selected.	Refer to Section 6.1 and re-select the desired timer mode.

9. SPECIFICATIONS

Attribute	Detail
Brand	Bowfar
Model Number	GP-SW-310DC0116-IP44(EU)-1CT
Length	20 meters (66 feet)

Attribute	Detail
Number of LEDs	200
Light Color	Warm White
Color Temperature	2500 Kelvin
Luminous Flux	36.9 lm
Power	2.7 Watts
Voltage	31 Volts
Wire Material	Copper
Waterproof Rating (Lights)	IP65
Waterproof Rating (Adapter)	IP44
Energy Efficiency Class	A
Energy Consumption	6 kWh/1000h
Remote Control Battery	1 'A' battery (not included)
Package Dimensions	16.4 x 14.3 x 4.6 cm
Item Weight	220 grams

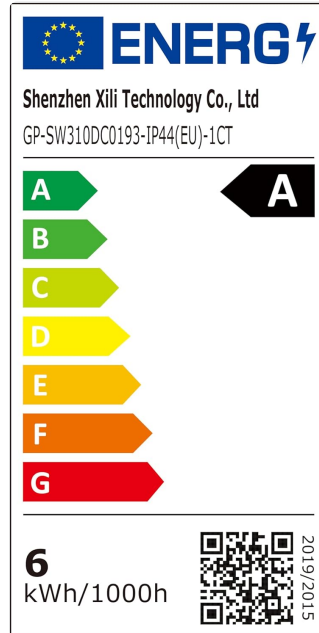


Image: EU Energy Label indicating an A-class energy efficiency rating and 6 kWh/1000h consumption.

For more details, refer to the [EPREL Product Information Sheet](#)

10. WARRANTY AND SUPPORT

Specific warranty information is not provided in the product details. For warranty claims or technical support, please contact your retailer or the manufacturer directly using the contact information provided at the point of purchase.

