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> Idealife 4-inch 20 LED Submersible Light Instruction Manual

## Idealife IL-BQD-C02

# Idealife 4-inch 20 LED Submersible Light Instruction Manual

Model: IL-BQD-C02 | Brand: Idealife

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and effective use of your Idealife 4-inch 20 LED Submersible Light. Please read this manual thoroughly before operating the device and retain it for future reference.



Figure 1: Idealife 4-inch 20 LED Submersible Light (2-pack) with remote controls and magnetic charging cables.

## 2. PRODUCT FEATURES

- **Independently and Group Controlled:** Utilize a single remote to control individual lights or multiple lights simultaneously for diverse lighting effects.
- **Special Base with Multiple Mounting Options:** The magnetic base allows for easy attachment. Features include compartment adsorption for above-ground pools, 4 silicone suction cups for smooth surfaces, and hooks for additional placement flexibility.
- **Big and Bright Illumination:** Equipped with 8 side LEDs and 12 top LEDs, offering over 100 customizable lighting effects.
- **Super Strong Magnetic Design:** Features extra-large, powerful magnets for secure holding, designed to be twice the size of similar products.
- **Totally Sealed and Waterproof Design:** Integrated, fully sealed structure with IP68 rating prevents water leakage, ensuring safe underwater use.

- **Rechargeable:** Built-in high-capacity Lithium Polymer battery with convenient magnetic charging.



Figure 2: Exploded view of the light's components and mounting accessories.

### 3. SETUP

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#### 3.1 Initial Charging

Before first use, fully charge the submersible lights using the provided magnetic USB charging cable. Connect the magnetic end to the charging port on the light. The light will display a red indicator while charging and turn green when fully charged.

# Super Convenient Magnetic Charging



<p><b>Strong Magnetic Charging</b> Super Easy, Super Convenient</p>	<p><b>Built-in High-Capacity Lithium Polymer Battery</b> Environmentally Friendly, Durable</p>	<p><b>Rechargeable &amp; Save Money</b> No Wiring Needed No Need to Buy Batteries</p>	<p><b>State of Charge</b> Red Light Stays On While Charging- Turn to Green Light When Charged</p>

Figure 3: Magnetic charging process for the submersible light.

## 3.2 Unpairing (First Use)

The lights may come pre-paired from the factory. To ensure independent control or to set up new groups, it is recommended to unpair them first:

1. Turn on the light by pressing the power button.
2. Long press the power button on the light for 5 seconds. The light will blink once to indicate successful unpairing.
3. The light will then power off.

After unpairing, the light can be controlled by any remote of this model.

## 3.3 Mounting Options

- **Magnetic Attachment:** For metal surfaces or above-ground pools (with Q-pad on the outside of the pool wall), the strong built-in magnet allows for secure placement.

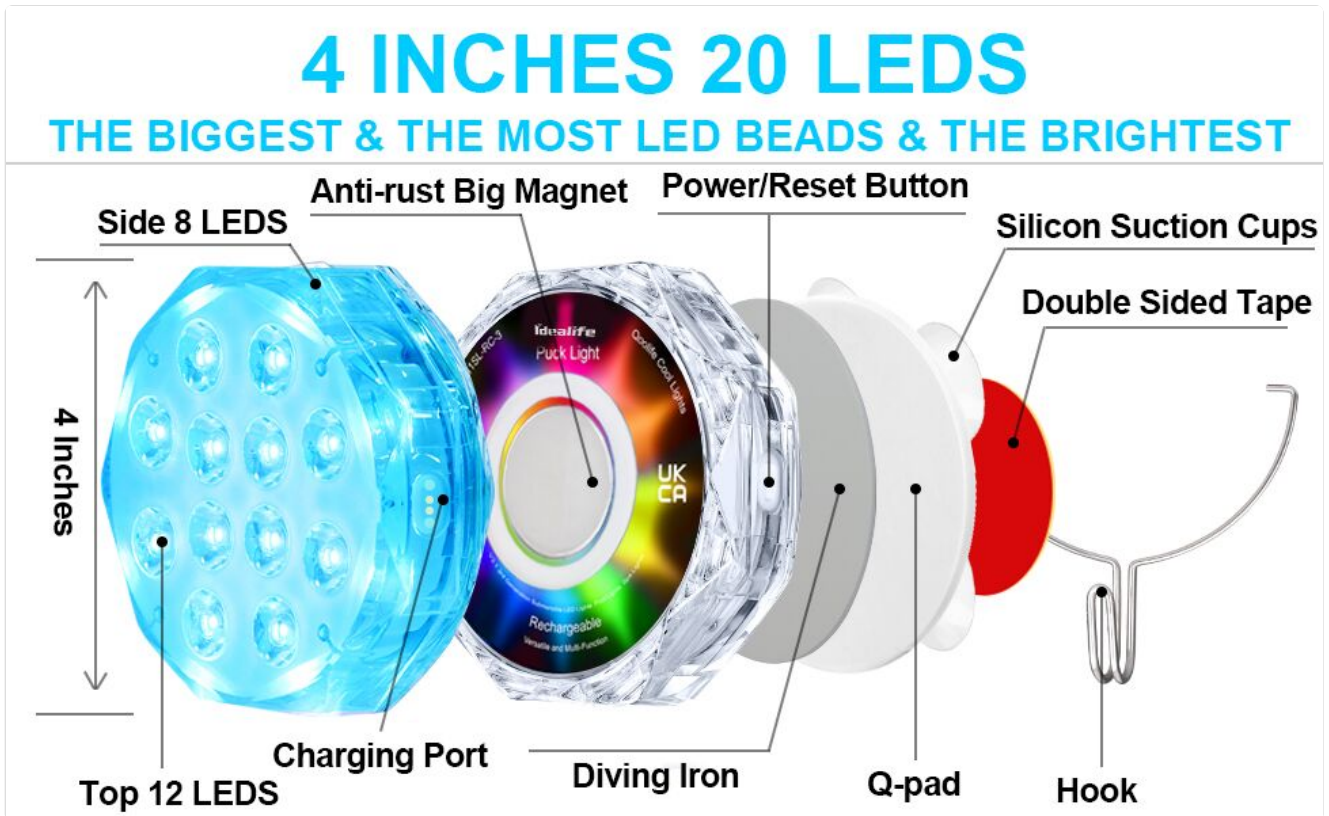


Figure 4: Magnetic mounting for above-ground pools.

- **Suction Cups:** Attach the Q-pad with the 4 silicone suction cups to the back of the light for use on smooth surfaces like bathtubs or inground pools.



Figure 5: Suction cup mounting for smooth surfaces.

- **Hooks:** Use the Q-pad with the strong hook for hanging the light in closets, tents, or as a night light.



Figure 6: Hook mounting for hanging the light.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Control (Remote)

Use the provided RF remote control to operate the light. Ensure the remote is within range and pointed towards the light for optimal response.

- **Power On/Off:** Press the **ON** or **OFF** button.
- **Color Selection:** Choose from 28 static colors using the color buttons.
- **Brightness Adjustment:** Use the brightness up/down buttons to adjust light intensity (5 levels dimmable).
- **Dynamic Modes:** Select from 98 dynamic modes including Cross Fade, Flash, Strobe, Spark, Breath, Auto, and Jump.
- **Timer Settings:** Set timers for 0.5H, 1H, 2H, or 3H.
- **LED Control:** Independently control Top LEDs, Side LEDs, or both (Top+Side LEDs).

# 3rd GENERATION UPGRADED VERSION 100 + FUNCTIONS!



&



Button Control (Reset)

Remote Control

Night Light

## 3 Lighting Ways

## 28 Colors

Side



Top



## 98 Dynamic Modes

Top+  
Side



## Timers

## 5-level Dimmable



0.5H



1H



2H



3H

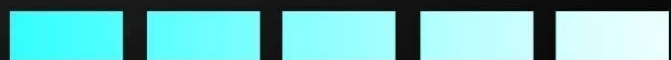


Figure 7: Remote control functions and available lighting options.

## 4.2 Group Control / Pairing

The lights support both individual and group control. To pair a light or a group of lights with a specific remote:

1. Ensure the light(s) you wish to pair are turned on.
2. On the desired remote, press the **NL + SHIFT** buttons simultaneously.
3. The light(s) will flash red 5 times to confirm successful pairing.

Once paired, that remote will control the specific light(s) it was paired with, without interfering with other lights.

To release pairing (allowing the light to be controlled by any remote again), press **NL + SHIFT** on the remote. The light will flash green 2 times.

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Video 1: Demonstration of pairing and unpairing multiple Idealife submersible LED lights with remote controls for individual and group

control.

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Video 2: Visual guide on how to independently and group control Idealife pool lights using the remote.

## 5. MAINTENANCE

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- **Cleaning:** Wipe the light's surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Recharge the light when the brightness diminishes. Avoid fully depleting the battery for extended periods to prolong its lifespan.
- **Storage:** When not in use for an extended period, store the light in a cool, dry place. Ensure it is fully charged before storage and recharge every few months.
- **Water Seal Integrity:** Regularly inspect the light for any signs of damage to the casing or seals to ensure its waterproof integrity.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Light does not turn on.	Low battery. Remote battery depleted. Light is not paired.	Charge the light. Replace remote battery. Follow pairing instructions (Section 4.2).
Remote not responding.	Out of range. Obstruction between remote and light. Remote battery depleted. Light is not paired.	Move closer to the light. Remove obstructions. Replace remote battery. Follow pairing instructions (Section 4.2).
Water inside the light.	Improperly sealed. Damage to casing/seals.	Ensure the light is securely closed. If damage is present, discontinue use and contact customer support.
Light falls off surface.	Weak magnetic attraction. Suction cups not properly applied or dirty.	Ensure surface is clean and flat for magnetic base or suction cups. For magnetic use, ensure Q-pad is correctly placed on the outside of the pool wall.

## 7. SPECIFICATIONS

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**Brand:** Idealife

**Model Name:** IL-BQD-C02

**Product Dimensions:** 3.8 x 4.3 x 4.3 inches

**Item Weight:** 1.85 pounds

**Light Source Type:** LED (20 LEDs)

**Power Source:** Battery Powered (1 Lithium Polymer battery included)

**Voltage:** 5 Volts

**Control Method:** Remote Control (RF)

**Water Resistance Level:** Waterproof (IP68)

**Material:** Alloy Steel, Silicone, Aluminum

**Included Components:** Remote Control, Magnets (Q-pads), USB Charging Cable

## 8. WARRANTY AND SUPPORT

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For warranty information or technical support, please contact Idealife customer service through the retailer where the product was purchased or visit the official Idealife website. Please have your model number (IL-BQD-C02) and purchase details ready.

You can visit the Idealife Store for more information: [Idealife Store](#)

