## LyLmLe R-PL18-CB20W

# LyLmLe LED Pool Lights User Manual

Model: R-PL18-CB20W
Brand: LyLmLe

## INTRODUCTION

Thank you for choosing the LyLmLe 20W Smart RGB Magnetic Submersible Pool Light. This manual provides essential information for the safe and efficient operation of your new pool light. Designed for both inground and aboveground pools, this 800lm dimmable, IP68 waterproof 12V light offers vibrant RGB illumination with convenient APP control.

Figure 1: LyLmLe 20W Smart RGB Magnetic Submersible Pool Light with APP interface.

Figure 2: The 20W LyLmLe light provides superior brightness compared to typical battery-powered pool lights, suitable for larger pools.

## Safety Information

- **Low Voltage System:** This pool light operates on a 12V low voltage system, ensuring safe underwater use. The light fixture includes a built-in transformer to convert 110V AC to 12V DC.

- **Waterproof Rating:** The light is IP68 waterproof. Ensure all connections are secure and the light is properly sealed before submersion.

- **Power Cord:** The light is supplied with a 26-foot cord. Do not cut or modify the power cord. Ensure the cord is routed safely to prevent tripping hazards or damage.

- **Installation:** Follow all installation instructions carefully. Improper installation can lead to electrical hazards or damage to the product.

- **Maintenance:** Do not attempt to open or repair the sealed light unit. Refer to the Maintenance section for care instructions.
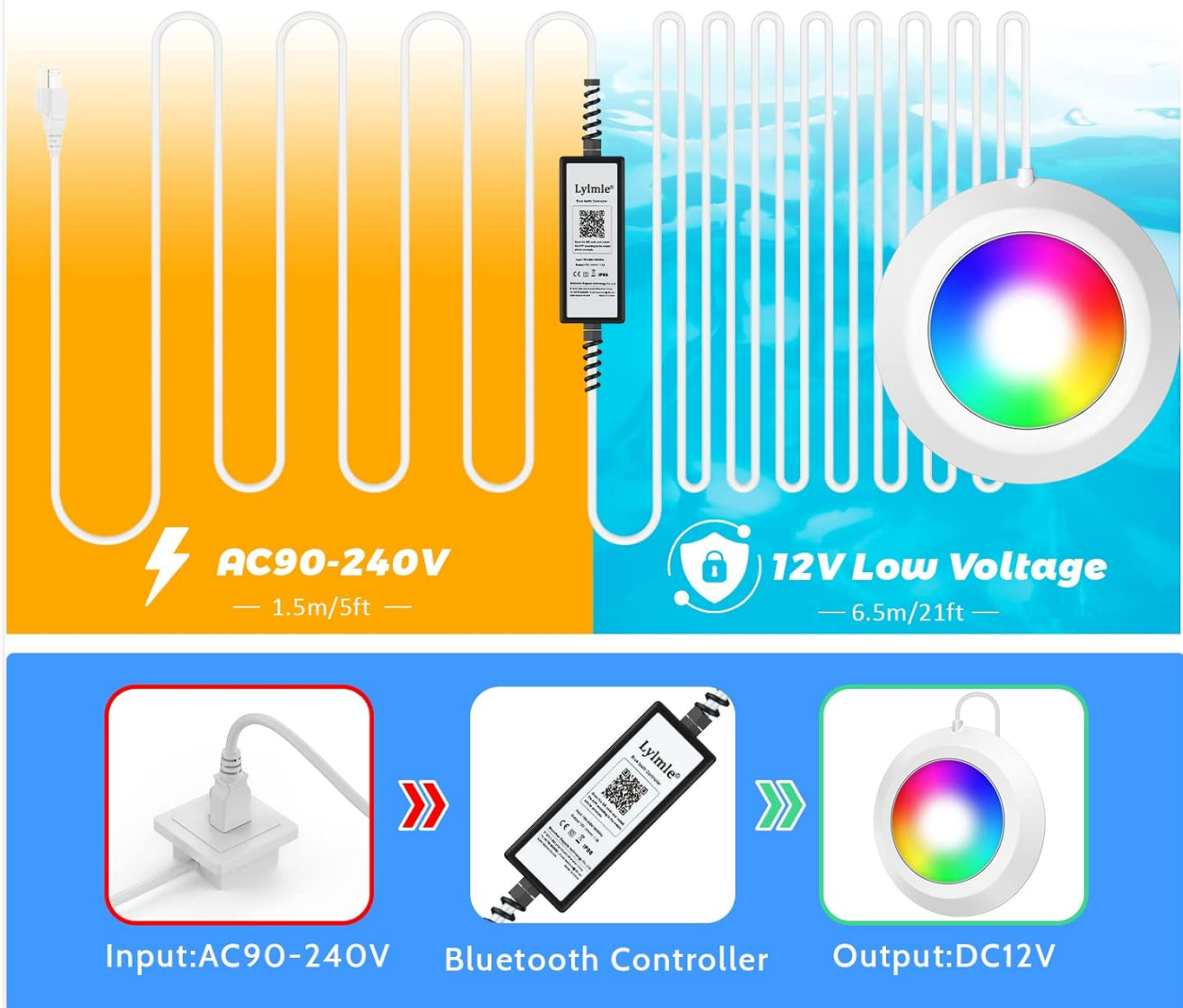
Figure 3: Illustration of the 12V low voltage system for safe operation.

## SETUP AND INSTALLATION

The LyLmLe pool light is designed for easy installation without the need for complex tools or emptying your pool. It utilizes a magnetic design for secure attachment.

### Installation Steps:

1. **Prepare the Surface:** Ensure the desired installation area on the pool wall is clean and free of debris.

2. **Magnetic Attachment (Steel/Metal Pools):** For pools with steel or metal walls, simply place the light on the inside of the pool wall. The strong built-in magnets will firmly adsorb to the surface.

3. **Magnetic Attachment (Non-Steel Pools):** For non-steel pool walls (e.g., fiberglass, vinyl liner), use the supplied metal base. Place the metal base on the exterior of the pool wall at the desired location. Then, place the light on the inside of the pool wall, aligning it with the external metal base. The magnets will secure the light in place.

4. **Connect Power:** Plug the power cord into a standard 110V AC outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for added safety.

# Install And Enjoy, It Doesn't Get Any Easier

**For Soft-sided Pool**

Metal Base

**For Inground & Aboveground Pool**

Figure 4: Installation methods for various pool types using magnetic attachment.

Figure 5: Visual guide for the installation process, including magnet placement and cable management.



| Round Pools | | Oval Pools | |
|---|---|---|---|
| Pool Size | Recommended Lights | Pool Size | Recommended Lights |
| 15' | 1 x 10W | 12×24' | 1 x 10W |
| 18' | 1 x 10W | 15×25' | 1 x 10W or 1 x 20W |
| 21' | 1 x 10W or 1 x 20W | 15×30' | 1 x 40W |
| 24' | 1 x 20W | 16×32' | 1 x 40W |
| 27' | 1 x 40W | 18×33' | 1 x 40W |
| 30' | 2 x 40W | 18×40' | 2 x 40W |
| 33' | 2 x 50W | 21×43' | 2 x 50W |

Figure 6: Recommended light wattage based on pool dimensions for optimal illumination.

## OPERATING INSTRUCTIONS

The LyLmLe pool light is controlled via a dedicated smartphone application, offering a wide range of customization options.

### APP Control:

1. **Download the APP:** Scan the QR code provided on the product packaging or search for the LyLmLe APP in your device's app store (iOS/Android).

2. **Connect the Light:**

   - Ensure Bluetooth is enabled on your smartphone.
   - Open the LyLmLe APP.
   - The APP will automatically search for nearby LyLmLe devices. Select your pool light from the list to connect. You may need to be in close proximity to the light for the initial connection.

3. **Features and Functions:**

   - **Color Selection:** Choose from infinite custom colors and millions of options to set the perfect ambiance.
   - **Brightness Adjustment:** Dimmable feature allows you to adjust the light intensity.
   - **Music Sync:** Utilize the high-sensitivity audio sensor to make the lights flash in sync with music or even your voice.
   - **Timer Schedule:** Set specific times for the light to automatically turn on and off.
   - **Pre-set Modes:** Explore various pre-programmed lighting modes and effects.



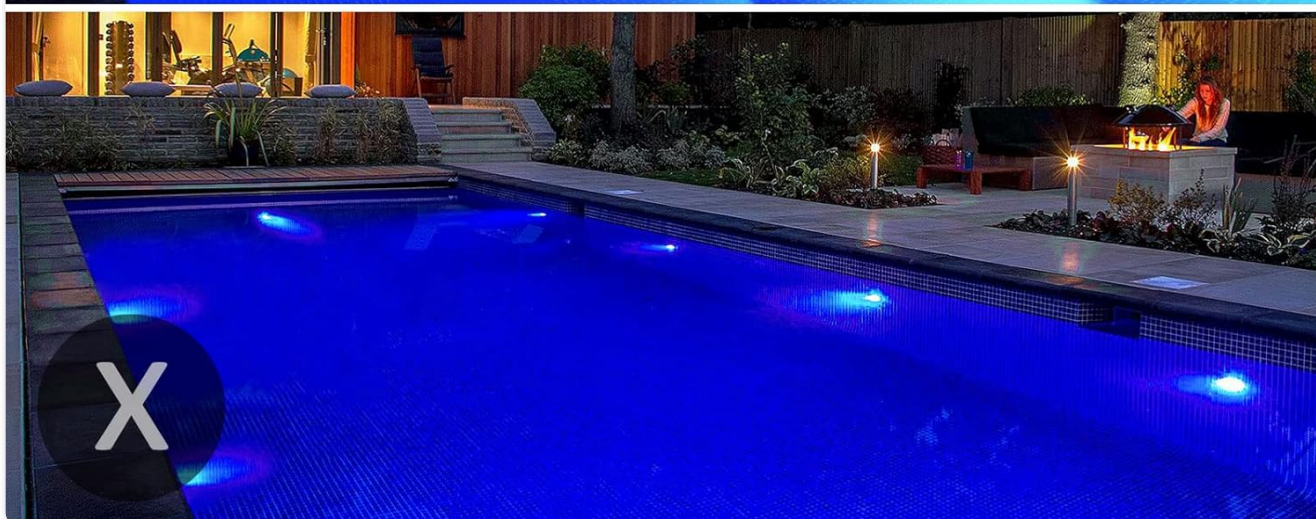Compare to battery power x8 lights, our pool lights are super bright for giant pools
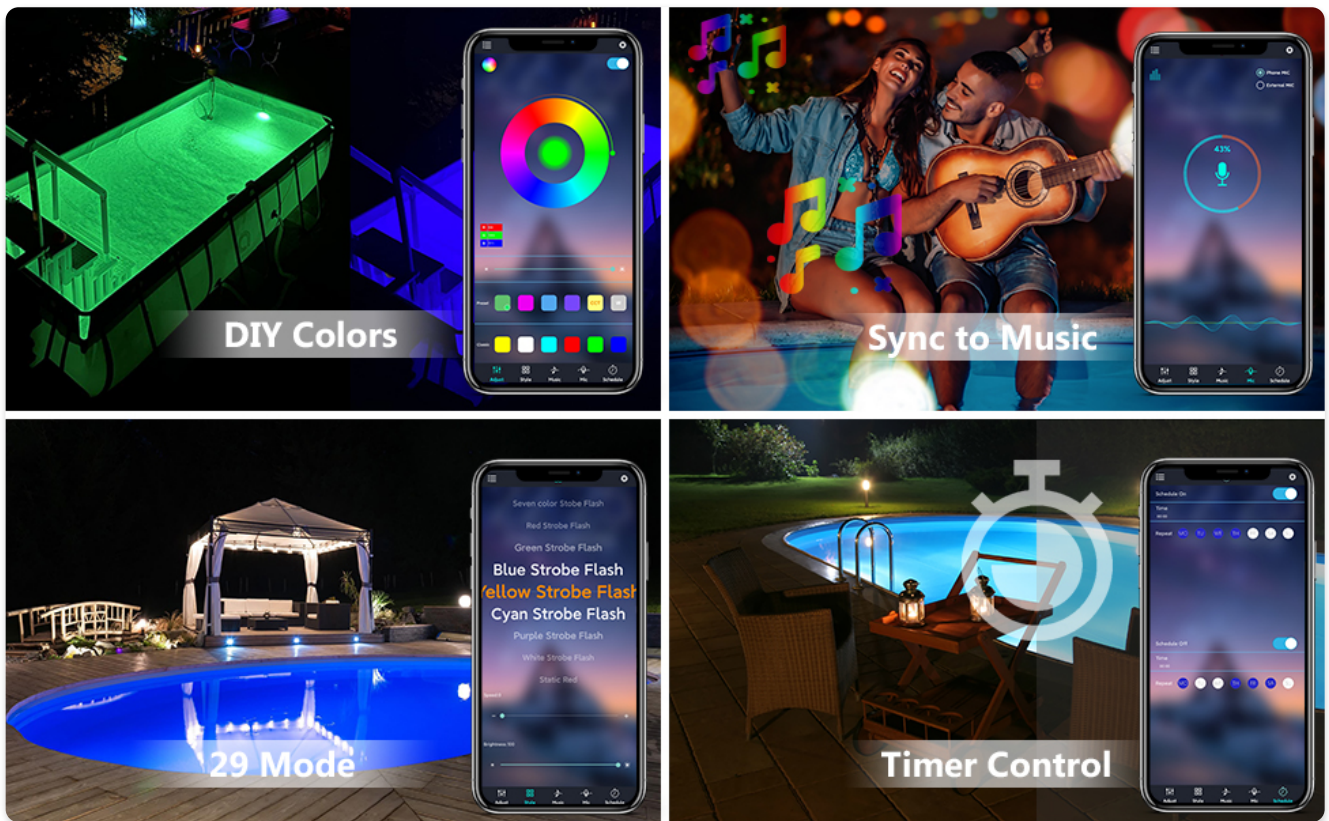
Figure 8: Advanced APP functionalities including DIY color customization and music synchronization.

## MAINTENANCE

The LyLmLe LED Pool Light is designed for minimal maintenance due to its durable and sealed construction.

- **Cleaning:** Periodically wipe the light's surface with a soft cloth to remove any algae or mineral buildup. Do not use abrasive cleaners or harsh chemicals.

- **Sealed Design:** The light features an integrated sealed design with embedded magnets, preventing leaks and corrosion. Do not attempt to disassemble the unit, as this will compromise its waterproof integrity and void the warranty.

- **Lifespan:** The LED light source has an estimated lifespan of 50,000 hours, reducing the need for frequent replacements.
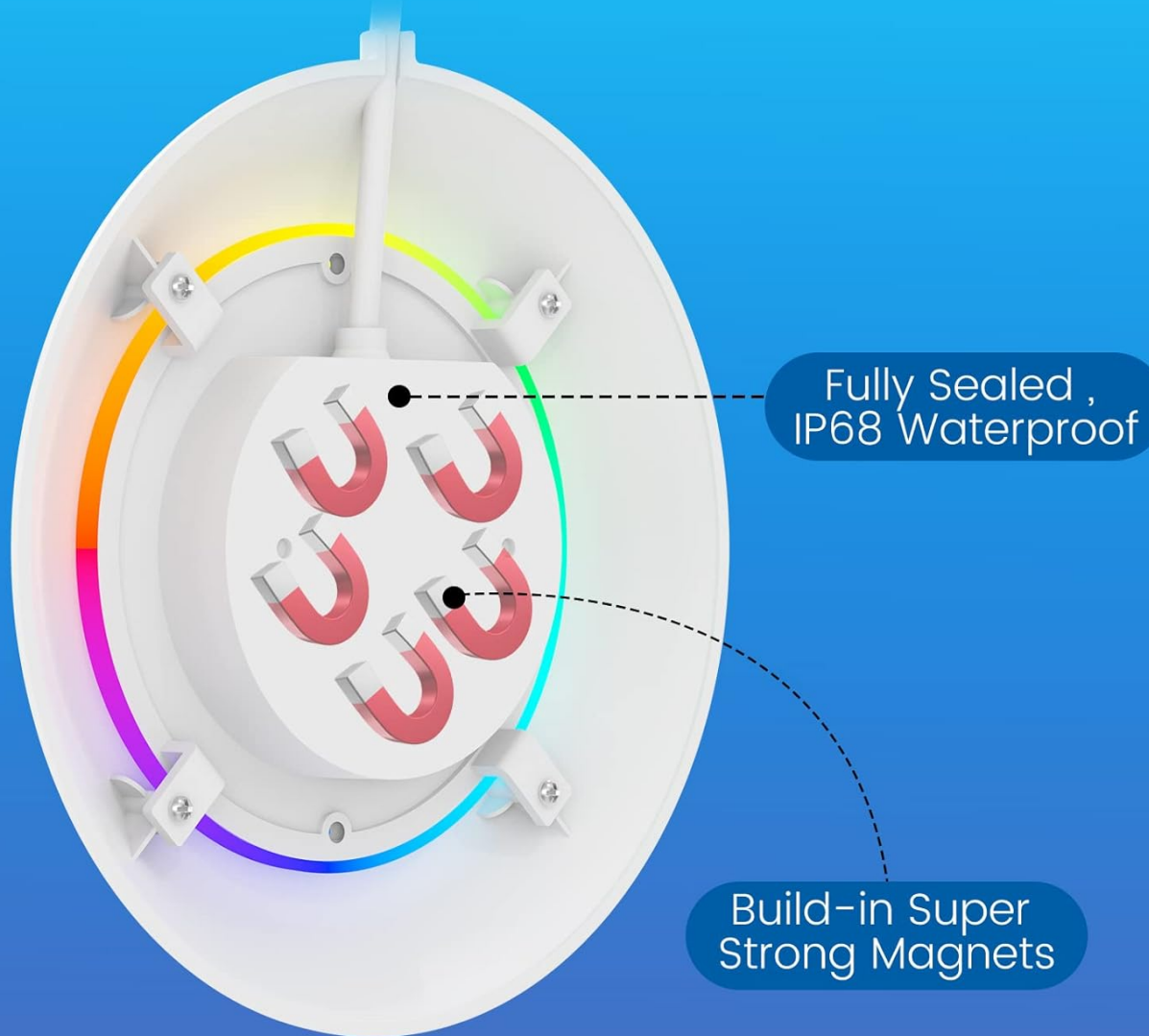
Figure 9: Internal view highlighting the fully sealed, IP68 waterproof design and strong built-in magnets.

## TROUBLESHOOTING

If you encounter issues with your LyLmLe pool light, refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|---|---|---|
| Light does not turn on. | No power supply; loose connection; faulty outlet. | Check if the power cord is securely plugged in. Verify the outlet is functional by plugging in another device. Ensure the GFCI is not tripped. |
| APP cannot connect to the light. | Bluetooth is off; too far from the light; APP issue. | Ensure Bluetooth is enabled on your phone. Move closer to the light. Close and reopen the APP. Restart your phone. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Light color/mode not changing. | APP not properly connected; command not sent. | Verify the APP is connected to the correct light. Try sending the command again. Ensure the light is within Bluetooth range. |
| Light detaches from pool wall. | Improper installation of metal base (for non-steel pools); surface not clean. | Re-clean the installation surface. For non-steel pools, ensure the external metal base is securely attached and aligned with the light. |

If the issue persists after attempting these steps, please contact LyLmLe customer support for further assistance.

## SPECIFICATIONS

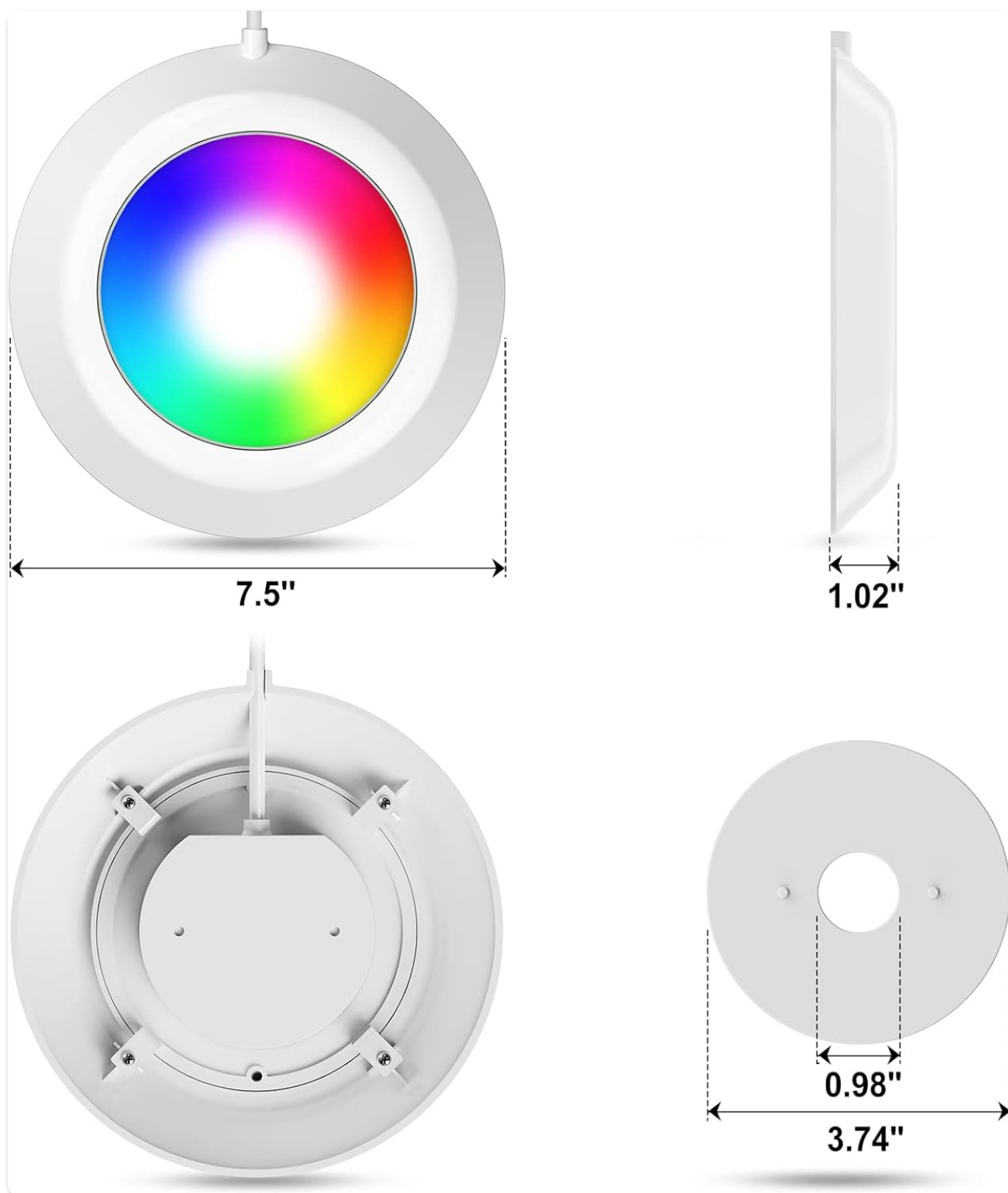| Feature | Detail |
|---|---|
| Brand | LyLmLe |
| Model Name | R-PL18-CB20W |
| Color | White |
| Material | Acrylonitrile Butadiene Styrene, Polycarbonate, Alloy Steel, Metal, Plastic, Resin |
| Product Dimensions | 7.5"L x 7.5"W x 1"H |
| Item Weight | 1.4 Pounds |
| Power Source | Corded Electric |
| Voltage | 12 Volts (DC) |
| Wattage | 20 watts |
| Brightness | 800 Lumen |
| Efficiency | 40 lumens per watt |
| Light Source Type | LED |
| Light Color | RGB |
| Control Method | App |
| Water Resistance Level | IP68 Waterproof |
| Recommended Uses | Outdoor, Inground Pools, Above ground Pools, Ponds, Fountains, Tank Pools |

Figure 10: Detailed dimensions of the LyLmLe 20W pool light.

## WARRANTY AND SUPPORT

**Warranty:** The LyLmLe LED Pool Light comes with a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use conditions. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

**Customer Support:** For technical assistance, warranty claims, or any questions regarding your LyLmLe product, please visit the official LyLmLe store or contact their customer service directly.

Official LyLmLe Store: https://www.amazon.com/stores/LyLmLe/page/181D9C2B-2EA5-4F5E-BCD3-FA594CE60FEE