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› LyLmLe PL07-CKN65W 65W 10-Inch RGBW LED Pool Light Instruction Manual

LyLmLe PL07-CKN65W

LyLmLe PL07-CKN65W 65W 10-Inch RGBW LED Pool Light Instruction Manual

Model: PL07-CKN65W | Brand: LyLmLe

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your LyLmLe PL07-CKN65W 65W 10-Inch RGBW LED Pool Light. Please read these instructions thoroughly before beginning installation or operation to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.

- This product operates on 12V AC/DC. Ensure your power supply is compatible.
- A transformer and controller are NOT included with this specific product. These components are required for operation and must be purchased separately or as part of a complete kit.
- Always disconnect power at the circuit breaker before attempting any installation, maintenance, or service.
- Do not operate the light out of water for extended periods, as this can lead to overheating and damage.
- Ensure all connections are watertight and sealed to prevent water ingress.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x LyLmLe 65W 10-Inch RGBW LED Pool Light
- 1x 50FT Detachable Cable
- 1x Pilot Screw replacement
- 1x Silicone cover for pilot screw hole
- 1x Screwdriver

- 4x M3 Screws
- 1x User Manual (this document)

Package Included

LED Pool Light x 1

50FT Detachable Cable x 1

Pilot Screw replacement x 1

Silicone cover for pilot screw hole x 1

Screwdriver x 1

M3 Screw x 4

User Manual x 1



Image 3.1: Package Contents. Shows the LED pool light, 50ft detachable cable, pilot screw, silicone cover, screwdriver, M3 screws, and user manual.

4. PRODUCT FEATURES

- **12V LED Pool Light:** Designed for inground pools, requiring a separate controller and transformer (not included). One controller can manage up to 3x 65W lights in synchronization.
- **Vibrant RGBW Light Shows:** Offers 12 fixed colors and 12 dynamic modes, plus pure white lighting equivalent to a 500W incandescent bulb with 13% energy consumption.
- **Easy Control:** Change color programs by cycling power ON/OFF. Features a memory function to recall the last used setting.
- **Universal 10-inch Fit:** Compatible with most 10-inch wet niches, including popular brands like Hayward, Pentair, Sta-Rite, and Jandy. Features a secure 12 o'clock pilot screw and 6 o'clock bottom notch.
- **Detachable Cable Design:** Facilitates easy replacement or removal of the light body without needing to pull the

entire cable through the conduit.

- **Durable Construction:** Made with 316 Stainless Steel for corrosion and rust resistance.

5. SETUP AND INSTALLATION

Proper installation is crucial for the safety and longevity of your pool light. Consult a qualified electrician for installation.

1. **Prepare the Niche:** Ensure your pool has a standard 10-inch wet niche. The light is designed to fit most 10-inch niches from Hayward (SP0607U, SP0600U), Pentair (620004, 78210200 thru 700, 78210401, 79206700), Jandy (PLNICLRG, PLNICVFLRG, SSNICLRG1R, SSNICLRG1S), and Sta-Rite (05161-2352 thru 2369, 05163-2395 thru 2396).



Large Stainless Steel Niche for Concrete Pool



Large Plastic Niche for Viny / Fiberglass Pool



Large Plastic Niche for Concrete Pool

Perfect Fit for Large or Standard 10" Niches

HAYWARD	PENTAIR	JANDY	STA-RITE
SP0607U	620004	PLNICLRG	05161-2352 THRU 2369
SP0600U	78210200 THRU 700	PLNICVFLRG	05163-2395 THRU 2396
	78210401	SSNICLRG1R	
	79206700	SSNICLRG1S	

Image 5.1: Compatible Niche Types. Illustrates different types of 10-inch niches and a table of compatible model numbers.

2. **Connect the Cable:** The light features a detachable cable. Connect the 50FT cable to the light body by screwing it securely. Ensure the connection is tight to maintain waterproofing.



Image 5.2: Detachable Cable Connection. Details the light's features including the cable connection point.

3. **Wiring to Controller/Transformer:** Route the 50FT cable to your external 12V AC/DC transformer and controller (not included). The light requires a 12V power source. Connect the cable wires to the appropriate terminals on your controller/transformer. Refer to the controller/transformer manual for specific wiring instructions. The LyLmLe Pool Light is designed to work exclusively with the LyLmLe Controller for full functionality.



Image 5.3: Wiring Diagram. Illustrates the connection from the 110V AC input to the control box, and then the 12V AC output to the pool light.

Your browser does not support the video tag.

Video 5.1: Inground Pool Light Unboxing and Connection. This video demonstrates the unboxing and connection process of the inground pool light to a control box.

4. **Mounting the Light:** Secure the light into the 10-inch niche using the pilot screw at the 12 o'clock position and aligning with the 6 o'clock bottom notch. Ensure the light is firmly seated and sealed within the niche.

6. OPERATING INSTRUCTIONS

The LyMLe PL07-CKN65W pool light offers a variety of colors and dynamic modes. Control is achieved by cycling the power ON/OFF from your main power switch or compatible controller.

1. **Power On:** Turn on the power to the pool light. The light will illuminate in the last used setting due to its memory function.
2. **Changing Colors/Modes:** To cycle through the 12 fixed colors and 12 dynamic light shows, simply turn the power OFF and then ON again within a short interval (typically 1-2 seconds). Each power cycle will advance to the next color or mode.

3. **Fixed Colors:** Includes Red, Candleligh, Orange, Yellow, Green, Aqua, Cyan, Ice Blue, Blue, Magenta, Purple, and White.
4. **Dynamic Light Shows:** Features Deep Sea, Sunset, USA, Rainbow, Party, Pulse, Peace, Neon Dream, Tropical Fiesta, Mystic Twilight, Polar Glow, and Dawn Dream.



Image 6.1: RGBW LED Pool Light in operation. Shows the pool light illuminating an inground pool with various colors.



Image 6.2: Extensive Range of Vibrant Colors & Light Shows. Displays the variety of fixed colors and dynamic modes available.

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Video 6.1: LyLmLe PL07-CKN65W Pool Lighting Shows. This video showcases the various fixed colors and dynamic color-changing modes of the pool light.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your pool light.

- **Cleaning:** Periodically clean the light fixture to remove any algae, mineral deposits, or debris that may accumulate. Use a soft brush or cloth and mild pool-safe cleaning solutions.
- **Cable Inspection:** Regularly inspect the cable for any signs of wear, damage, or fraying. The detachable cable design allows for easier replacement if necessary, without disturbing the conduit.
- **Seal Integrity:** Check the integrity of the light's seals and gaskets during routine pool maintenance to prevent water leaks.
- **Winterization:** Follow standard pool winterization procedures for your region, which may include removing the

light fixture if required.

8. TROUBLESHOOTING

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

- **Light Not Turning On:**
 - Check the power supply at the circuit breaker.
 - Verify all wiring connections to the transformer and controller are secure and correct.
 - Ensure the transformer is providing the correct 12V output.
- **Incorrect Color/Mode Display:**
 - Cycle the power OFF and ON multiple times to reset the light and cycle through modes.
 - Ensure your controller is functioning correctly and is compatible with the LyLmLe light.
- **Flickering or Dim Light:**
 - Check for loose wiring connections.
 - Verify the power supply voltage is stable.
 - Inspect the light for any physical damage or water ingress.
- **Water Inside Light Fixture:**
 - Immediately disconnect power.
 - Remove the light and inspect all seals and connections for damage or improper seating. Replace any damaged components.

If these steps do not resolve the issue, contact LyLmLe customer support for further assistance.

9. SPECIFICATIONS

Feature	Specification
Brand	LyLmLe
Model Name	PL07-CKN65W
Wattage	65 watts
Voltage	12 Volts
Light Color	RGBW (Red, Green, Blue, White)
Light Source Type	LED
Material	316 Stainless Steel
Shade Material	Polycarbonate
Installation Type	Flush Mount (for 10" Niche)
Indoor/Outdoor Usage	Outdoor (Inground Pool)
Control Method	Power ON/OFF Cycling (requires external controller)

Feature	Specification
Cable Length	50FT (Detachable)
Water Resistance Level	Waterproof
Item Weight	7.3 pounds
Package Dimensions	11.8 x 11.4 x 3 inches

10. WARRANTY AND SUPPORT

Your LyLmLe PL07-CKN65W LED Pool Light is backed by a **2-year product protection**.

For technical support, warranty claims, or any questions regarding your product, please contact LyLmLe customer service through the official LyLmLe store on Amazon or visit their website.

Visit the official LyLmLe Store: [LyLmLe Store](#)