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› PAL Lighting LED EvenGlow Pool Light Instruction Manual

PAL Lighting 64-EGL-80

PAL Lighting LED EvenGlow Pool Light Instruction Manual

Model: 64-EGL-80

1. INTRODUCTION

Thank you for choosing the PAL Lighting LED EvenGlow Pool Light. This manual provides essential information for the safe installation, operation, and maintenance of your new pool light. The EvenGlow light is designed to provide vibrant, multi-color illumination for your pool, enhancing your outdoor environment. Please read this manual thoroughly before installation and retain it for future reference.



Figure 1: PAL Lighting LED EvenGlow Pool Light with its 80-foot power cord coiled.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. This product must be installed by a qualified electrician in accordance with all applicable national and local electrical codes. Failure to do so can result in serious injury or death.

- Always disconnect power to the light fixture at the circuit breaker before performing any installation, maintenance, or service.
- Ensure the light is connected to a properly grounded circuit.
- Do not operate the light if the cord is damaged or frayed.
- This light operates on 12VDC or 24VDC. Ensure your power supply matches the light's voltage requirements.
- Keep children away from the installation area.
- Do not attempt to modify the light fixture in any way.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation:

- PAL Lighting LED EvenGlow Pool Light (with 80 ft cord)
- Detachable Lens (pre-installed)
- Remote Control (if included with your specific package)

4. SPECIFICATIONS

Feature	Specification
Model Number	64-EGL-80
Light Application	Pool
Light Bulb Type	LED, Large Niche
Light Color	Multi-Color
Voltage	12VDC, 24VDC
Wattage	27.5W (24VDC), 30W (12VDC)
Cord Length	80 ft
Installation Type	Wall-mounted, detachable
Control Method	Remote Control, App (if compatible system is used)
Product Dimensions	12.3 x 12.2 x 6.7 inches
Item Weight	12.2 pounds
Shade Material	Engineering plastic
Water Resistance Level	Water Resistant

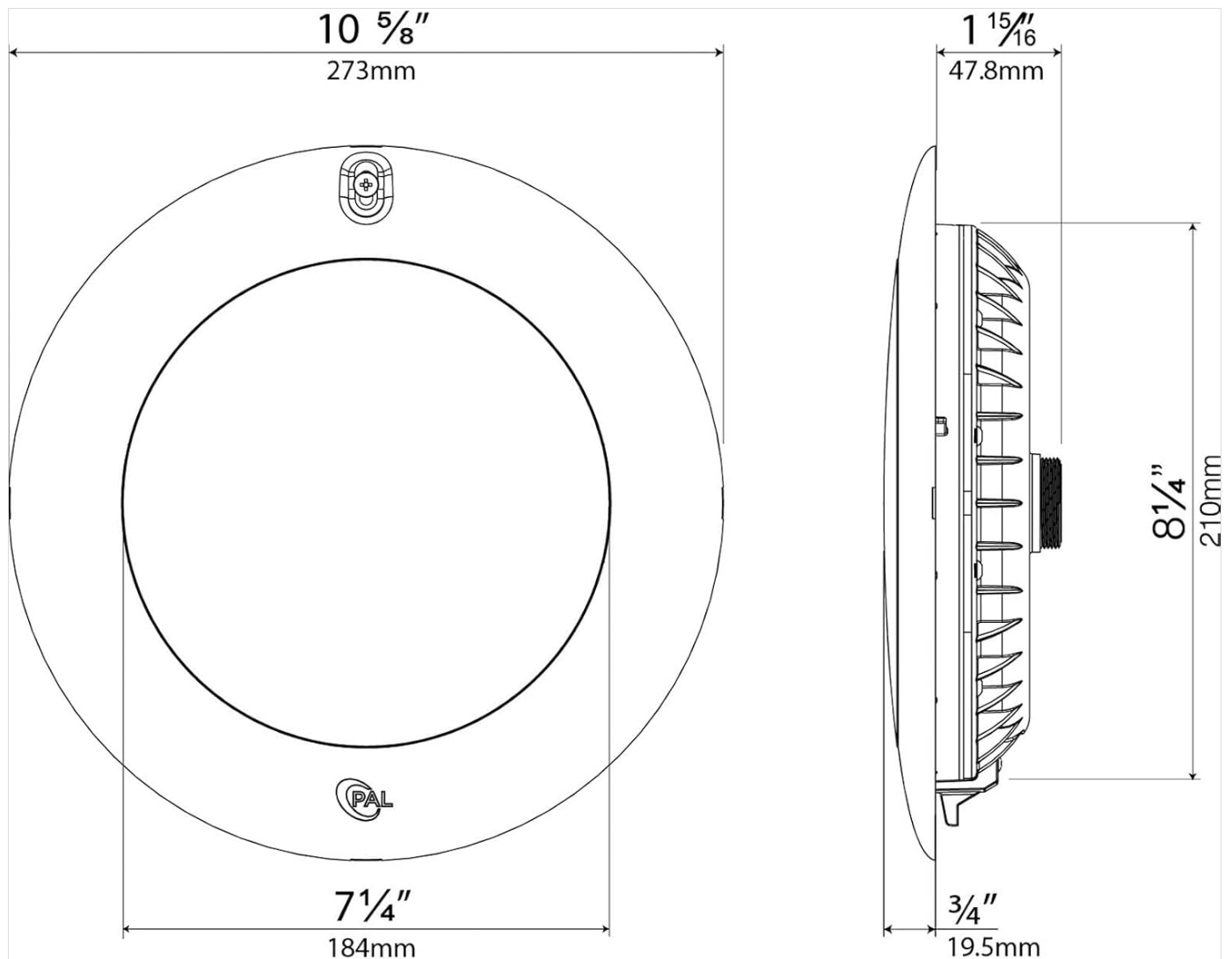


Figure 2: Dimensional drawing of the EvenGlow Pool Light, showing key measurements for installation planning.

5. INSTALLATION/SETUP

Installation of the PAL Lighting LED EvenGlow Pool Light should be performed by a qualified professional to ensure compliance with all electrical and safety standards.

5.1 Pre-Installation Checks

- Verify that the pool niche is compatible with a large niche LED light.
- Ensure the existing conduit and wiring are in good condition and meet local electrical codes.
- Confirm the power supply (transformer) provides the correct voltage (12VDC or 24VDC) for the light.

5.2 Wiring the Light

The EvenGlow light comes with an 80 ft cord. The wires are color-coded for proper connection to your low-voltage transformer. Refer to the wiring diagram provided with your transformer for specific connections. Typically, the multi-colored wires connect to the corresponding terminals on the transformer.



Figure 3: Rear view of the EvenGlow Pool Light, illustrating the robust cord connection point and the exposed wire ends for electrical hookup.

5.3 Mounting the Light

The light is designed for wall-mounted installation within a standard pool niche. The detachable design allows for easier servicing if needed. Secure the light firmly within the niche according to the niche manufacturer's instructions. Ensure the cord is routed correctly to prevent damage.

6. OPERATION

Once properly installed and powered, the PAL Lighting LED EvenGlow Pool Light can be operated using the included remote control or a compatible app if integrated into a smart pool system.



Figure 4: Front view of the EvenGlow Pool Light, showcasing the clear lens and the light's overall circular design.

6.1 Color Change Functionality

The EvenGlow light offers multi-color illumination. Use the remote control or app to cycle through various pre-programmed colors and light shows. Refer to your remote control's specific instructions for detailed button functions.

6.2 Powering On/Off

The light can be turned on or off via the remote control, app, or by controlling the power supply to the light at the transformer or circuit breaker.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your EvenGlow Pool Light.

- **Cleaning:** Periodically clean the light's lens with a soft cloth and mild, non-abrasive cleaner to remove any mineral deposits or debris that may accumulate. Ensure power is off before cleaning.

- **Cord Inspection:** Annually inspect the entire length of the power cord for any signs of wear, cuts, or damage. Replace the light if the cord is compromised.
- **Lens Serviceability:** The EvenGlow light features a serviceable and detachable lens. If the lens needs to be replaced or accessed for internal servicing, consult a qualified technician.

8. TROUBLESHOOTING

If you experience issues with your EvenGlow Pool Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power to the light Faulty wiring connection Damaged light fixture	Check circuit breaker and transformer. Verify all wiring connections are secure (consult electrician). Contact PAL Lighting support or a qualified technician.
Colors are incorrect or not changing	Remote control battery low Interference Light synchronization issue	Replace remote control battery. Ensure no obstructions between remote and light sensor. Refer to remote control instructions for re-synchronization or power cycle the light.
Light flickers or dims	Unstable power supply Loose connection Light nearing end of life	Check transformer output. Inspect wiring connections. Contact PAL Lighting support.

For issues not listed above or if troubleshooting steps do not resolve the problem, please contact PAL Lighting customer support.

9. WARRANTY AND SUPPORT

For information regarding the warranty of your PAL Lighting LED EvenGlow Pool Light, please refer to the warranty card included with your purchase or visit the official PAL Lighting website. For technical support, replacement parts, or service inquiries, please contact PAL Lighting customer service directly. Ensure you have your model number (64-EGL-80) and proof of purchase available when contacting support.

Manufacturer: PAL PRODUCTS, INC.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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