

PAL Lighting 41-PCL20W20

PAL Lighting PAL Mini LED Light User Manual

Model: 41-PCL20W20

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your PAL Lighting PAL Mini 12V Cool White LED Light with a 66-foot cord. Please read this manual thoroughly before installation and keep it for future reference.

SAFETY INFORMATION

WARNING: Always disconnect power before installing or servicing this product. Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.

- Ensure the power supply matches the product's voltage requirements (12VAC/12VDC).
- Do not modify the product or its components.
- Keep children and pets away from the installation area.
- Inspect the cord for any damage before installation. Do not use if damaged.

PACKAGE CONTENTS

- 1 x PAL Mini 12V Cool White LED Light (Model: 41-PCL20W20)
- 1 x 66-foot 2-wire cord (integrated)
- User Manual (this document)



Image: The PAL Mini 12V Cool White LED Light, featuring its compact LED head and a long, coiled 66-foot black two-wire cord. The cord is neatly bundled, secured with a white tie, and shows the exposed wire ends for connection.

SETUP AND INSTALLATION

This section outlines the general steps for installing your PAL Mini LED Light. Specific installation methods may vary based on your application (e.g., pool, spa, landscape). Consult a professional if unsure.

1. **Power Disconnection:** Ensure all power to the installation area is turned off at the circuit breaker before beginning any work.
2. **Mounting Location:** Choose a suitable location for the light fixture. Ensure the 66-foot cord is sufficient to reach the power source without tension.
3. **Wiring:** Connect the two-wire cord from the PAL Mini light to a compatible 12VAC or 12VDC power supply. Ensure correct polarity if using DC power. Use appropriate waterproof connectors for outdoor or wet environments.
4. **Secure Fixture:** Secure the light fixture in its intended position according to the specific mounting instructions for your application.
5. **Cable Management:** Route the 66-foot cord safely, avoiding sharp edges, pinch points, or areas where it could be damaged. Secure it as needed.
6. **Power Connection:** Once all connections are secure and the light is properly mounted, restore power to the circuit.
7. **Test:** Verify the light functions correctly.

OPERATING INSTRUCTIONS

The PAL Mini LED Light operates by receiving power from a 12VAC or 12VDC source. It is a simple on/off light.

- **Turning On:** Apply 12VAC or 12VDC power to the connected wires. The light will illuminate.
- **Turning Off:** Disconnect the 12VAC or 12VDC power supply. The light will turn off.
- **Control:** This light is typically controlled by an external switch, timer, or automation system connected to its power source.

MAINTENANCE

The PAL Mini LED Light is designed for low maintenance. Regular inspection is recommended.

- **Cleaning:** Periodically clean the lens of the light with a soft cloth and mild, non-abrasive cleaner to ensure optimal light output. Do not use harsh chemicals.
- **Cord Inspection:** Regularly inspect the entire length of the 66-foot cord for any signs of wear, cuts, or damage. If damage is found, disconnect power immediately and replace the unit.
- **Connections:** Ensure all electrical connections remain secure and free from corrosion.
- **Winterization (if applicable):** If used in a pool or spa, follow standard winterization procedures for your specific application, which may include removing the light or ensuring it is submerged.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Incorrect wiring; Damaged unit.	Check power source and circuit breaker; Verify wiring connections; Inspect for damage and replace if necessary.
Light flickers.	Loose connection; Insufficient power.	Check and secure all wiring connections; Ensure power supply meets specifications.
Light output is dim.	Dirty lens; Voltage drop over long cable run; Faulty LED.	Clean the lens; Verify voltage at the light fixture; Contact support if LED is faulty.

If troubleshooting steps do not resolve the issue, contact PAL Lighting customer support.

SPECIFICATIONS

Feature	Detail
Model Number	41-PCL20W20
Light Source Type	LED
Light Color	Cool White
Voltage	12VAC/12VDC
Cord Length	66 feet
Wire Type	2-Wire
Material	Copper (internal wiring/components)
Item Weight	2.3 pounds
Product Dimensions	7.4 x 7.3 x 2.6 inches (packaging/overall)
Manufacturer	PAL PRODUCTS, INC.

WARRANTY AND SUPPORT

For warranty information and technical support, please contact PAL Lighting directly. Keep your proof of purchase for warranty claims.

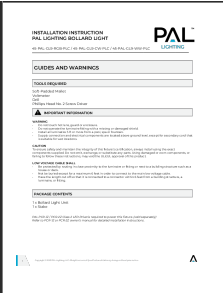
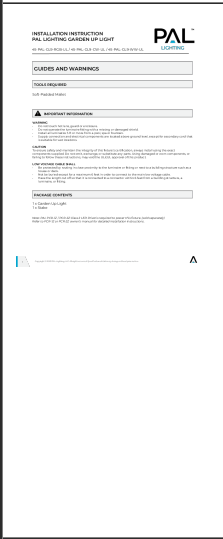
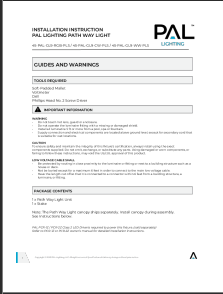
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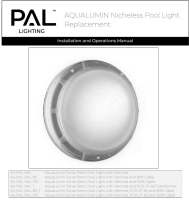
Refer to the official PAL Lighting website or your purchase documentation for the most current contact information and warranty details.



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Related Documents

	<p>PAL Lighting Bollard Light Installation Guide & Safety Instructions</p> <p>Comprehensive installation instructions and safety guidelines for PAL Lighting Bollard Lights, including model numbers 45-PAL-GL9 series and PAL PCR-1Z/PCR-2Z drivers. Learn how to safely install and wire your bollard lights.</p>
	<p>PAL Lighting Garden Up Light Installation and Safety Guide</p> <p>Comprehensive installation instructions, safety warnings, and warranty information for the PAL Lighting Garden Up Light series, including models 45-PAL-GL9-RGB-UL, 45-PAL-GL9-CW-UL, and 45-PAL-GL9-WW-UL. Learn how to safely install, wire, and maintain your landscape lighting.</p>
	<p>PAL Lighting Path Way Light Installation Guide and Warranty</p> <p>Comprehensive installation instructions and warranty details for PAL Lighting Path Way Lights, including model numbers 45-PAL-GL9-RGB-PLS, 45-PAL-GL9-CW-PLS, and 45-PAL-GL9-WW-PLS. Covers tools, safety, wiring, and removal procedures.</p>



[PAL AquaLumin Nicheless Pool Light Replacement Installation and Operation Manual](#)

This manual provides installation and operational instructions for the PAL Lighting AquaLumin Nicheless Replacement Pool Light. It covers safety instructions, preparation, replacing the light, remote programming, and replacement parts.