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Astralpool 71203

Astralpool LumiPlus Flexi V1 RGB AC LED Spot Light

Model: 71203 User Manual

1. Product Overview

Image: The Astralpool LumiPlus Flexi V1 RGB AC LED Spot Light, a white, circular LED light designed for pool illumination.

The Astralpool LumiPlus Flexi V1 RGB AC LED Spot Light is a versatile lighting solution designed for both new and existing swimming pools. It offers maximum flexibility, adapting to various pool types including liner and concrete, and supports multiple installation methods such as niche, surface, or nozzle mounting. This LED spot light provides an efficient way to illuminate your pool with low energy consumption and a long operational lifespan, making it ideal for residential pool environments.

Key Features:

- RGB AC light point for dynamic color illumination.
- Equipped with a 2.5-meter long cable for flexible installation.
- Compatible with modular LumiPlus Flexi LED projector systems.
- Low energy consumption and extended lifespan.
- Adaptable to various pool constructions (liner, concrete) and installation types (niche, surface, nozzle).

2. Safety Information

Please read and understand all safety instructions before installing or operating the product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure power is disconnected at the main circuit breaker before any installation or maintenance.
- **Water Safety:** This product is designed for underwater use in swimming pools. Ensure all connections are watertight and sealed properly to prevent water ingress.
- **Product Integrity:** Do not modify or disassemble the light. Any unauthorized modifications will void the warranty and may pose safety risks.
- **Temperature:** Do not operate the light out of water for extended periods as it relies on water for cooling.
- **Children:** Keep packaging materials and small parts away from children.

3. Package Contents

Verify that all items are present and undamaged upon opening the package:

- 1 x Astralpool LumiPlus Flexi V1 RGB AC LED Spot Light (Model 71203)
- 1 x 2.5-meter electrical cable (pre-attached)
- 1 x User Manual (this document)
- (Optional, depending on kit): Mounting accessories for specific installation types (niche, surface, nozzle).

4. Setup and Installation

The LumiPlus Flexi V1 LED Spot Light is designed for flexible installation. Always ensure power is OFF before beginning installation.

General Installation Steps:

1. **Power Disconnection:** Turn off the main power supply to the pool area at the circuit breaker. Verify that no power is present at the installation site using a voltage tester.
2. **Prepare Installation Site:** Depending on your pool type (liner or concrete) and chosen installation method (niche, surface, or nozzle), prepare the mounting point according to the specific instructions provided with your pool's light housing or adapter kit. Ensure the area is clean and free of debris.
3. **Cable Routing:** Carefully route the 2.5-meter electrical cable from the light through the conduit to the junction box. Ensure the cable is not kinked or damaged during routing.
4. **Electrical Connection:** Connect the light's cable to the appropriate power supply (AC) within the junction box. Ensure all connections are secure and watertight. Use appropriate waterproof connectors and sealing compounds as required by local codes.
5. **Mounting the Light:** Secure the LED spot light into its designated housing or mounting bracket. For niche installations, ensure it seats correctly. For surface or nozzle installations, follow the specific instructions for the adapter used. Ensure the light is firmly in place and cannot become dislodged.
6. **Water Tightness Check:** After installation, visually inspect all connections and seals to ensure water tightness.
7. **Power Restoration:** Once installation is complete and verified, restore power to the pool area.

Note: Specific mounting hardware and detailed instructions for niche, surface, or nozzle installations may vary and are typically provided with the respective pool light housing or adapter kit, not with the light itself.

5. Operating Instructions

The Astralpool LumiPlus Flexi V1 RGB AC LED Spot Light operates on AC power and is designed to be controlled via an external switch or a compatible RGB controller (not included).

- **Turning On/Off:** The light is typically turned on and off via the main power switch connected to its circuit.
- **Color Control (RGB):** If connected to an RGB controller, refer to the controller's specific instructions for changing colors, patterns, or brightness. The LumiPlus Flexi V1 is compatible with standard RGB AC control systems.
- **Initial Operation:** Upon first power-up, the light should illuminate. If it does not, refer to the Troubleshooting section.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your LED spot light.

- **Cleaning:** Periodically clean the light's lens to remove algae, mineral deposits, or debris that may accumulate and reduce light output. Use a soft brush or cloth and mild pool-safe cleaning solutions. Do not use abrasive cleaners.
- **Inspection:** Annually inspect the light and its cable for any signs of wear, damage, or leaks. Pay close attention to the cable entry point and any visible seals. If damage is found, disconnect power immediately and consult a qualified technician.
- **Winterization:** If your pool is winterized, follow standard pool winterization procedures for your light fixture. In some cases, draining the light housing may be necessary to prevent freezing damage.
- **No User Serviceable Parts:** The LED light unit itself contains no user-serviceable parts. Do not attempt to open or repair the unit.

7. Troubleshooting

If you encounter issues with your LED spot light, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose electrical connection. Faulty light unit.	Check circuit breaker and power switch. Verify all electrical connections are secure (ensure power is off first). Contact qualified technician or supplier.
Light flickers or dims.	Unstable power supply. Loose connection. Overheating (unlikely for LED in water).	Check power source stability. Inspect connections. Ensure light is fully submerged when operating.
Incorrect colors or no color change (for RGB).	Controller malfunction. Wiring issue to controller. Incompatible controller.	Refer to your RGB controller's manual. Check wiring between light and controller. Ensure controller is compatible with RGB AC LED lights.

Problem	Possible Cause	Solution
Reduced light output.	Dirty lens. Aging LED (long term).	Clean the light lens as per maintenance instructions. LEDs have a long lifespan; significant dimming may indicate a fault.

If the problem persists after attempting these solutions, please contact customer support or a qualified pool technician.

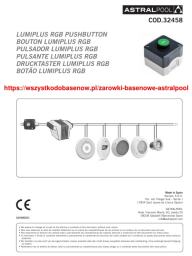
8. Specifications

Attribute	Value
Brand	Astralpool
Model Number	71203
Product Dimensions (L x W x H)	40 x 20 x 20 cm (approx. 15.7 x 7.9 x 7.9 inches)
Item Weight	760 grams (approx. 1.68 lbs)
Light Source Type	LED
Power Source	Electric with cable (AC)
Color	White (housing) / RGB (light output)
Style	Modern
Specific Uses	Swimming Pool Illumination
Indoor/Outdoor Use	Outdoor (Underwater)
Installation Type	Niche, Surface, or Nozzle Mounting
Cable Length	2.5 meters

9. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. Astralpool products are manufactured to high standards, and specific warranty periods may apply.
For technical support, spare parts, or service inquiries, please contact your authorized Astralpool dealer or visit the official Astralpool website. When contacting support, please have your product model number (71203) and purchase details ready.

Related Documents - 71203

	[AstralPool LumiPlus Control Motion Remote: Programming and Settings Guide] Comprehensive guide for the AstralPool LumiPlus Control Motion remote, covering frequency/channel changes, flood lamp programming, and motion setting activation/deactivation for LumiPlus PAR56 Wireless pool lights.
	[Astralpool LumiPlus PAR56 Plug&Play Lamp: Installation, Operation, and Safety Manual] Comprehensive guide for the Astralpool LumiPlus PAR56 Plug&Play underwater LED lamp, covering installation, electrical connection, operation, troubleshooting, and safety warnings. Includes technical specifications and multilingual declarations of conformity.
	[AstralPool LumiPlus Connect Controller: User Manual and Installation Guide] This document provides comprehensive instructions for the AstralPool LumiPlus Connect Controller (model 76290), including installation, operation via the Fluidra Pool app and remote controls, technical specifications, safety warnings, and EU declarations of conformity. Designed for smart pool lighting control.
	[AstralPool LumiPlus Connect Remote Control - User Manual & Specifications] User manual and technical information for the AstralPool LumiPlus Connect Remote Control (models 76291, 76292). Learn about pairing, operation, safety, and EU conformity.
	[AstralPool LumiPlus RGB Pushbutton Control System] Guide to the AstralPool LumiPlus RGB Pushbutton (COD.32458) for pool lighting. Learn about fixed color selection, automatic color sequences, pulse frequencies, and technical specifications. Control your pool's ambiance with ease.
	[LUMIPLUS ESSENTIAL RGB REMOTE CONTROL - Astralpool] Instruction manual for the Astralpool LUMIPLUS ESSENTIAL RGB Remote Control, detailing setup, operation, and safety guidelines for RGB pool lighting systems.