

## Astralpool 61314

# Astralpool Lumiplus LED RGB Slim Wireless Pool Projector with Remote Control User Manual

Model: 61314 | Brand: Astralpool

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Astralpool Lumiplus LED RGB Slim Wireless Pool Projector with LumiPlus Control Motion Remote Control. Please read this manual carefully before installation and use to ensure proper function and safety.

The Lumiplus LED RGB Slim Wireless Projector is designed to provide vibrant and energy-efficient lighting for your swimming pool, offering a range of 12 colors and 8 sequences, all controllable wirelessly via the included remote.

## 2. SAFETY INFORMATION

### Important Safety Instructions:

- Always ensure the projector is installed immersed in water. Operating the projector out of water can cause overheating and damage.
- Installation must be performed by a qualified professional in accordance with local electrical codes and regulations.
- Disconnect power to the pool lighting circuit before performing any installation, maintenance, or troubleshooting.
- The LumiPlus Control Motion remote control is **not submersible**. Keep it dry and away from water.
- Handle broken bulbs with care. For information on how to clean and dispose of broken or damaged lamps, please refer to local guidelines or consult a professional.
- Recycle this product responsibly at the end of its lifespan. Refer to local recycling information for lamps and other electronic waste.

## 3. PRODUCT OVERVIEW

The Astralpool Lumiplus LED RGB Slim Wireless Pool Projector system consists of the LED projector unit and the LumiPlus Control Motion remote control.



Figure 3.1: Astralpool Lumiplus LED RGB Slim Wireless Pool Projector and LumiPlus Control Motion Remote Control. This image displays the white, circular LED pool projector unit alongside the sleek, handheld remote control. The projector features a clear lens revealing the LED array, with ventilation slots on its casing. The remote control, held by a hand, shows various buttons for color and sequence selection, highlighting its wireless functionality.

### Key Features:

- **Wireless Control:** Operated via the LumiPlus Control Motion remote, eliminating the need for external modulator systems.
- **RGB LED Technology:** Offers up to 12 vibrant colors and 8 dynamic sequences for diverse pool lighting effects.
- **Energy Efficient:** Low power consumption (27 W - 37 VA) with a long lifespan of L70-50,000 hours.
- **Easy Installation:** Designed for surface installation without requiring a niche, utilizing an included plastic cross.
- **Accelerometer Sensor:** The remote allows color and sequence activation through motion.
- **High Protection:** IPX8 rated for continuous immersion in water.

## 4. SETUP AND INSTALLATION

The Lumiplus LED RGB Slim Wireless Projector is designed for surface mounting. Follow these steps for proper installation:

1. **Preparation:** Ensure the pool is drained or the water level is below the intended installation point. Disconnect all power to the pool lighting system at the circuit breaker.
2. **Mounting Location:** Choose a suitable location on the pool wall. One projector is recommended for every 20 m<sup>2</sup> (approximately 215 sq ft) of water surface area for optimal illumination.
3. **Secure Mounting:** Use the included plastic cross to securely mount the projector to the pool wall. Ensure the mounting is firm and stable.
4. **Electrical Connection:** Connect the projector's 2.5 m H07RN-F 2x1.5 mm<sup>2</sup> cable to a 12 V AC power supply. Ensure all electrical connections are waterproof and meet local electrical codes.
5. **Immersion:** The projector must always be installed and operated fully immersed in water. Do not power on the unit before it is submerged.
6. **Final Check:** Once installed and submerged, restore power to the pool lighting circuit.

**Note:** This projector incorporates a receiver-modulator, eliminating the need for an external modulator system.

This simplifies installation and reduces costs.

## 5. OPERATING INSTRUCTIONS

The Lumiplus LED RGB Slim Wireless Pool Projector is controlled by the LumiPlus Control Motion remote control.

### Remote Control Functions:

- **Power On/Off:** Use the designated buttons on the remote to turn the projector on or off.
- **Color Selection:** Cycle through the 12 available colors using the color selection buttons.
- **Sequence Selection:** Choose from 8 pre-programmed light sequences.
- **Sequence Speed:** Adjust the speed of the selected light sequence.
- **Motion Control:** The remote incorporates an accelerometer sensor. Certain colors or sequences can be activated by specific movements of the remote control. Refer to the remote's specific instructions for detailed motion gestures.

***Compatibility Note:** The LumiPlus Control Motion remote is only compatible with the Lumiplus Wireless range of products.*

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pool projector.

- **Cleaning:** Periodically clean the projector lens to remove any algae, mineral deposits, or debris that may obstruct light output. Use a soft cloth and mild, non-abrasive cleaning solutions suitable for pool equipment.
- **Inspection:** Regularly inspect the projector's cable for any signs of wear, damage, or fraying. Ensure all connections remain secure and waterproof.
- **Remote Control Care:** Keep the LumiPlus Control Motion remote control dry and clean. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.
- **Winterization:** If you winterize your pool, follow standard procedures for pool equipment. While the projector is designed for immersion, consult your pool professional for specific recommendations regarding your climate.

## 7. TROUBLESHOOTING

If you encounter issues with your Lumiplus LED RGB Slim Wireless Pool Projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Projector does not turn on.	No power supply; Remote control battery low/dead; Projector not properly connected.	Check circuit breaker and power supply to the pool lighting. Replace remote control batteries. Verify electrical connections to the projector.

Problem	Possible Cause	Solution
Remote control not responding.	Out of range; Battery low/dead; Interference; Not paired (though typically pre-paired).	Move closer to the projector. Replace remote control batteries. Reduce potential wireless interference. If issues persist, consult support.
Colors/sequences not changing.	Remote control malfunction; Projector internal issue.	Ensure remote control buttons are pressed firmly. Try resetting the projector by cycling power. If problem persists, contact customer support.
Light output is dim or uneven.	Dirty lens; Algae buildup; Projector partially out of water.	Clean the projector lens. Remove any algae from the pool wall around the projector. Ensure the projector is fully submerged.

If you experience problems not listed here or if the suggested solutions do not resolve the issue, please contact Astralpool customer support.

## 8. SPECIFICATIONS

Model Number	61314
Brand	Astralpool
Product Dimensions	69 x 31 x 29 cm (27.2 x 12.2 x 11.4 inches)
Weight	1.5 kg (3.3 lbs)
Material Type	ABS
Color	White
Power Source Type	Wired Electric
Power Consumption	27 W (37 VA)
Nominal Voltage	12 V AC
Luminous Flux	1100 lumens
Lifespan (L70)	50,000 hours
Lighting Options	Up to 12 colors, 8 sequences
Protection Rating	IPX8 (for projector)
Cable Length	2.5 m (H07RN-F 2x1.5 mm <sup>2</sup> )
Recommended Coverage	One projector per 20 m <sup>2</sup> of water surface

## 9. WARRANTY AND SUPPORT

Specific warranty information for the Astralpool Lumiplus LED RGB Slim Wireless Pool Projector is not provided in this manual. Please refer to your purchase documentation or contact your retailer for warranty details.

For technical support, replacement parts, or further assistance, please contact Astralpool customer service or your authorized dealer. Ensure you have your product model number (61314) and purchase details available when contacting support.

## Documents - Astralpool – 61314



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## PROYECTOR LUMIPUS L 11

Para facilitar el uso de los proyectores en ambientes oscuros, el fabricante ha diseñado una luz LED de 10 W que se enciende al pulsar el botón de encendido. Este tipo de iluminación es ideal para el uso en exteriores, ya que consume poca energía y no genera calor. El proyector LUMIPUS L 11 es un proyector de 11 W que se enciende al pulsar el botón de encendido. Este tipo de iluminación es ideal para el uso en exteriores, ya que consume poca energía y no genera calor.

Proyector LUMIPUS L 11		Características		Características		Descripción
Color	Temperatura	ANSI	Acero inox	Características	Características	
RGB	Hermético	50000	50000	2700 K	1.500 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
	Hermético	50000	50000	2700 K	1.500 lm	
	Hermético	50000	50000	2700 K	1.500 lm	
Blanco	Hermético	50000	50000	2700 K	1.500 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
	Hermético	50000	50000	2700 K	1.500 lm	
	Hermético	50000	50000	2700 K	1.500 lm	
RGB DSS	Hermético	50000	50000	2700 K	1.500 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
	Hermético	50000	50000	2700 K	1.500 lm	
	Hermético	50000	50000	2700 K	1.500 lm	
Proyector LUMIPUS L 11		Características		Características		Descripción
Color	Temperatura	ANSI	Acero inox	Características	Características	
RGB	Hermético	50000	50000	2700 K	2.140 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
	Hermético	50000	50000	2700 K	2.140 lm	
	Hermético	50000	50000	2700 K	2.140 lm	
Blanco	Hermético	50000	50000	2700 K	2.140 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
	Hermético	50000	50000	2700 K	2.140 lm	
	Hermético	50000	50000	2700 K	2.140 lm	
RGB DSS	Hermético	50000	50000	2700 K	2.140 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
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RGB	Hermético	50000	50000	2700 K	2.140 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
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	Hermético	50000	50000	2700 K	2.140 lm	
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	Hermético	50000	50000	2700 K	2.140 lm	
	Hermético	50000	50000	2700 K	2.140 lm	
RGB DSS	Hermético	50000	50000	2700 K	2.140 lm	Resistencia: 120°C Cable: 1m (100W) (2700K) Temperatura ambiente: 25°C
	Hermético	50000	50000	2700 K	2.140 lm	
	Hermético	50000	50000	2700 K	2.140 lm	

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