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› [LumiTek](#) /

› [LumiTek R/C Drift King Customizable LED Car Instruction Manual](#)

### LumiTek 600121

# LumiTek™ R/C Drift King Customizable LED Car

## INSTRUCTION MANUAL

Model: 600121

### Product Overview

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The LumiTek™ R/C Drift King is a 2.4 GHz 1:16 scale remote control car designed for high-speed driving and drifting. It features customizable LED lighting, allowing users to personalize the vehicle's appearance. The car is equipped with a steady chassis and a strong power motor for optimal performance.



Image: The LumiTek R/C Drift King car, its remote control, and the USB charging cable. The car is black with red LED piping, and the remote is a standard pistol-grip design.

### Key Features:

- High-speed performance with slick rear wheels for drifting.
- Equipped with a steady chassis and strong power motor.
- 2.4 GHz remote control for responsive operation.
- Customizable LED piping for personalized light designs.
- Designed for ages 8 and up.

### What's in the Box

Upon opening the package, ensure all components are present and in good condition.

- 1 x LumiTek™ R/C Drift King Car
- 1 x Remote Control
- 1 x USB Charging Cable

- Additional LED piping for customization
- Small screwdriver (for battery compartments)



Image: The LumiTek R/C Drift King car inside its retail packaging, showcasing the product and its features.

## Setup

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### 1. Car Battery Installation and Charging

The LumiTek™ R/C Drift King car comes with a built-in rechargeable battery. Before first use, fully charge the car's battery using the provided USB charging cable.

1. Locate the battery compartment on the underside of the car. Use the included screwdriver to open the battery cover.
2. Connect the car's battery to the USB charging cable.
3. Plug the USB charging cable into a standard USB power adapter (not included) or a computer USB port.
4. The charging indicator light on the cable will illuminate during charging and turn off or change color when fully charged. Charging typically takes approximately 90 minutes.
5. Once charged, disconnect the cable and securely close the battery compartment.



Image: The underside of the LumiTek R/C Drift King car, revealing the battery compartment and internal wiring. This area is where the rechargeable battery is accessed for charging.

## 2. Remote Control Battery Installation

The remote control requires 2 x AA batteries (not included).

1. Locate the battery compartment on the back of the remote control.
2. Use the included screwdriver to open the battery cover.
3. Insert 2 x AA batteries, ensuring correct polarity (+/-).
4. Replace the battery cover and secure it with the screw.



Image: The LumiTek R/C remote control, highlighting the battery compartment at the base and labels for the steering wheel, trigger, power on/off button, and LED light controls.

### 3. Customizable LED Piping Installation

The Drift King comes with additional LED piping that can be used to customize the car's appearance.

1. Carefully remove the car's body shell if necessary to access the internal structure.
2. Plan your desired LED design on the car's chassis or body.
3. Secure the LED piping in place using adhesive tape or clips (not included, or use existing attachment points).
4. Ensure the LED piping is securely connected to the car's internal power source for the lights.
5. Replace the car's body shell.



Image: A child's hands are shown carefully installing or adjusting the red LED piping on the underside of the LumiTek R/C Drift King car, which has its body shell removed.

## Operating Instructions

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### 1. Power On and Pairing

1. Turn on the power switch on the car (usually located on the underside or side).
2. Turn on the power switch on the remote control.
3. The car and remote will automatically pair. A light on the remote or car may indicate successful pairing.

### 2. Controls

Familiarize yourself with the remote control's functions:

- **Steering Wheel:** Rotate left or right to steer the car.
- **Trigger:** Pull the trigger towards you to move the car forward. Push the trigger away from you to brake or reverse.

- **LED Light Controls:** Use the dedicated buttons on the remote to turn the car's LED lights on or off, or to cycle through different light modes if available.
- **Power ON/OFF:** Turns the remote control on or off.



Image: The LumiTek R/C remote control, clearly showing the steering wheel, trigger, power switch, and LED light control buttons, each labeled for easy identification.

### 3. Driving Tips

- For optimal drifting performance, operate the car on smooth, hard surfaces.
- Practice gentle steering and throttle inputs to master drifting techniques.
- Avoid operating the car in wet conditions or on rough terrain to prevent damage.



Image: The LumiTek R/C Drift King car in motion on an outdoor court, with its LED lights illuminated and glowing blue wheels, creating light trails behind it, suggesting speed and dynamic movement.

## Maintenance

- Cleaning:** Use a soft, dry cloth to wipe down the car and remote control after use. Do not use water or chemical cleaners.
- Battery Care:**
  - Always fully charge the car's battery before storage.
  - Remove AA batteries from the remote control if not in use for extended periods to prevent leakage.
- Storage:** Store the car and remote in a cool, dry place away from direct sunlight and extreme temperatures.
- Inspection:** Periodically check wheels, axles, and steering components for any debris or damage.

## Troubleshooting

| Problem                         | Possible Cause  | Solution   |
|---------------------------------|---|--|
| Car does not respond to remote. | Car or remote is off.<br>Batteries are low or incorrectly installed.<br>Car and remote are not paired.<br>Out of range. | Ensure both car and remote are powered on.<br>Check and replace/recharge batteries; ensure correct polarity.<br>Turn both devices off and then on again to re-pair.<br>Bring the car closer to the remote. |

| Problem  | Possible Cause   | Solution   |
|--|--|--|
| Car's steering is not working correctly (e.g., not turning, turning poorly). | Steering mechanism obstruction or damage.<br>Low battery power.<br>Internal wiring interference (e.g., from LED piping). | Inspect the front wheels and steering components for any debris or physical damage.<br>Ensure car battery is fully charged.<br>Carefully check if any internal wires, especially those for LED customization, are obstructing the steering linkage. Adjust if necessary. |
| Short operating time / Poor battery life.                                    | Battery not fully charged.<br>Battery degradation over time.   | Ensure the car's battery is fully charged before each use.<br>Operating time can vary based on usage intensity. If battery life significantly decreases, the battery may be nearing the end of its lifespan.   |
| LED lights are not working.  | LED light control off.<br>Loose connection.  | Ensure the LED light control button on the remote is activated.<br>Check the connections of the LED piping to the car's power source.  |

## Specifications

| Feature                  | Detail  |
|--------------------------|---|
| Model Number             | 600121  |
| Scale                    | 1:16 (Note: Product description states 1:10, but title and keywords imply 1:16. Using 1:16 from title for consistency with product name.) |
| Frequency                | 2.4 GHz   |
| Car Battery              | Rechargeable (included)   |
| Remote Control Batteries | 2 x AA batteries (not included)   |
| Recommended Age          | 8 years and up  |
| Item Weight              | 1.8 pounds  |
| Package Dimensions       | 15.1 x 6.5 x 6 inches   |
| Manufacturer             | WeCool Toys   |

## Warranty and Support

This product is manufactured by WeCool Toys. For any product-related inquiries, technical support, or warranty claims, please contact the manufacturer directly.

Specific warranty details and contact information may be provided on the product packaging or the manufacturer's official website. Please retain your proof of purchase for warranty purposes.

*Note: No specific warranty period or direct support contact information is provided in this manual.*

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## Related Documents - 600121

|   |  |
|---|--|
|    | <p><a href="#">Lumitek RC Operation Manual</a></p> <p>Comprehensive operation manual for Lumitek RC vehicles, covering setup, driving, maintenance, and troubleshooting. Includes details on 2.4GHz radio system, battery charging, and safety precautions.</p>  |
|    | <p><a href="#">Lumi League 2 Pack RC Car User Manual and Game Guide</a></p> <p>Comprehensive user manual and game guide for the Lumi League 2 Pack RC car by LumiTek. Includes setup, operation, maintenance, safety precautions, troubleshooting, and game rules for this remote-controlled vehicle.</p>  |
|   | <p><a href="#">Lumitek RC Terror Tower Remote Control Truck Instruction Guide</a></p> <p>Comprehensive instruction guide for the Lumitek RC Terror Tower remote control truck, covering quick start, battery installation and charging, controller pairing, driving, and leg rotation. Includes safety warnings and product details.</p>                                 |
|  | <p><a href="#">Lumitek Bolt Mini Drone User Manual - Operation and Safety Guide</a></p> <p>Comprehensive user manual for the Lumitek Bolt Mini Drone. Learn how to operate, charge, and maintain your drone, including safety warnings, battery information, and flight controls.</p>  |
|  | <p><a href="#">Haaga iSweep 697 Parts List and Diagram</a></p> <p>A comprehensive parts list and exploded diagram for the Haaga iSweep 697, detailing components, item numbers, and prices. Includes information for ordering replacement parts from HaagaStore.com.</p>   |
|  | <p><a href="#">SHADA Product Catalog 2020/2021: Comprehensive LED Lighting Solutions</a></p> <p>Explore the SHADA Product Catalog 2020/2021, featuring a wide range of high-quality LED lighting solutions including bulbs, floodlights, work lights, outdoor lighting, and smart home products. Discover detailed specifications for various lighting applications.</p> |



### [\[pdf\]](#) User Manual Instructions Warranty

600121 LUMITEK Instruction User Manual Wecool Toys Inc LMT0001 LumiTek Neon Beast Monster

Truck 2AZ2MLMT0001 lmt0001

AGE 8 DRIFT KING Please read instructions completely before operating this car.

2021 Distributed by: WeCool Toys, Inc. 801 Arnold Ave. Point Pleasant, NJ 088742

2021 WeCool. www.wecooltoys.com GENERAL INFORMATION This user s manual is designed for use with your vehicles and contains the instruct...

lang:en score:34 filesize: 2.46 M page\_count: 6 document date: 2021-05-31



### [\[pdf\]](#) Test Report

Date of Type hpt Test Report Wecool Toys Inc LMT0001 LumiTek Neon Beast Monster Truck

2AZ2MLMT0001 lmt0001

Wecool Toys Inc TEST REPORT SCOPE OF WORK FCC TESTING MODEL:

600154 REPORT NUMBER SZHH01570435-001 I ... ional Name: LumiTek Neon King Drift Racer Car, LumiTek Night Titan Model: 600154 Additional Models: **600121**, 600116, 600125 Brand Name: Wecool 2.4GHz Transmitter Report No.:

SZHH01570435-001 We hereby ...

lang:en score:25 filesize: 947.38 K page\_count: 25 document date: 2021-07-14



### [\[pdf\]](#) Test Report

Date of Type hpt Test Report Wecool Toys Inc LMT0002 2AZ2MLMT0002 lmt0002

Wecool Toys Inc TEST REPORT SCOPE OF WORK FCC TESTING MODEL:

600154 REPORT NUMBER SZHH01669027-001 I ... g Drift Racer Car/Lumitek Speed Demon, LumiTek Night Titan Model: 600154 Additional Models: 600116, **600121**, 600125, 600221, 600222 2.4GHz Transmitter Report No.: SZHH01669027-001 We hereby certify tha...

lang:en score:19 filesize: 622.18 K page\_count: 25 document date: 2022-04-22