

V-TAC 23615

V-TAC 100W LED Outdoor Floodlight User Manual

Model: 23615

1. INTRODUCTION

Thank you for choosing the V-TAC 100W LED Outdoor Floodlight, Model 23615. This floodlight is designed to provide powerful and efficient illumination for various outdoor applications, including homes, gardens, garages, and warehouses. Featuring a Samsung LED chip, 8150 lumens brightness, IP65 weather resistance, and CCT 3-in-1 color temperature selection, this product offers reliable and versatile lighting. Please read this manual carefully before installation and use to ensure proper operation and safety.

2. SAFETY INSTRUCTIONS

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local wiring regulations.
- Ensure the floodlight is securely mounted to a stable surface.
- Do not look directly into the LED light source when it is operating.
- Ensure proper grounding to prevent electric shock.
- Do not modify the product in any way not described in this manual.
- Keep children away from the product during installation and operation.

3. PACKAGE CONTENTS

- 1 x V-TAC 100W LED Outdoor Floodlight (Model 23615)
- 1 x Mounting Bracket (pre-attached or included)

4. PRODUCT OVERVIEW

The V-TAC 100W LED Floodlight is engineered for high performance and durability. Key features include:

- **High Efficiency:** Equipped with a Samsung LED chip, providing 8150 lumens of bright light.
- **Durable Construction:** Made from die-cast aluminum and tempered glass, with an integrated sealed silicone ring.
- **IP65 Rated:** Offers complete protection against dust and powerful water jets, suitable for all weather conditions.
- **RLE Technology:** Replaceable LED Engine allows for quick and easy replacement of the LED module, extending product lifespan.
- **CCT 3-in-1:** Selectable color temperature (3000K Warm White, 4000K Natural White, 6000K Cool White) via a physical button.
- **Energy Saving:** Designed for maximum energy efficiency.



Image: V-TAC 100W LED Floodlight in an outdoor setting, highlighting its use for home, garden, garage, and warehouse lighting. Features include RLE, 8150 lumens, CCT, and energy saving.

Live (Brown), Neutral (Blue), and Earth (Green/Yellow).

3. Ensure all connections are secure and properly insulated.
4. Once connections are complete, restore power and test the floodlight.



Image: Diagram showing the dimensions of the V-TAC LED Floodlight: 276mm width, 263mm height, and 26mm depth, useful for planning installation space.

6. OPERATING INSTRUCTIONS

6.1 CCT (Correlated Color Temperature) Selection

The V-TAC floodlight features a CCT 3-in-1 function, allowing you to choose between three color temperatures:

- **3000K (Warm White):** For a cozy and inviting ambiance.
- **4000K (Natural White):** For balanced and clear illumination.
- **6000K (Cool White):** For bright and energizing light.

To change the color temperature, locate the physical button on the floodlight (refer to the image below for typical location). Press the button to cycle through the available color temperatures until your desired setting is

achieved.

V-TAC
MEANINGFUL INNOVATION

SAMSUNG LED Illuminated

PRO SERIES

HIGH PERFORMANCE FLOODLIGHT

POWER 100 WATT

LUMEN 8150

3000K / 6500K

BEAM ANGLE 90°

BODY TYPE ALUMINIUM

HIGH QUALITY LED SMD CHIP

INSTANT START 0-100% IN <1S

SAVE UP TO 85% ENERGY

Image: Close-up of the V-TAC LED Floodlight showing the '3 in 1 CCT Changing' feature, with an inset image of the physical button for selecting color temperature (3000K-6500K).

7. MAINTENANCE

7.1 Cleaning

Due to its IP65 rating, the floodlight is resistant to dust and water. To clean, ensure the power is off, then wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7.2 RLE (Replaceable LED Engine) Technology

The V-TAC floodlight incorporates RLE technology, allowing for the replacement of the LED module without needing to replace the entire fixture. This feature extends the product's lifespan and simplifies repairs.

1. **Warning:** Ensure power is disconnected before attempting any module replacement.
2. Consult a qualified technician for RLE module replacement to ensure proper handling and safety.
3. Use only genuine V-TAC replacement LED modules compatible with Model 23615.



Image: Close-up of the V-TAC LED Floodlight highlighting the RLE (Replaceable Light Engine) technology, explaining that LEDs are designed with modular components for easy replacement without needing to replace the entire fixture.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Floodlight does not turn on.	No power supply. Loose electrical connections. Faulty wiring.	Check power supply at the circuit breaker. Verify all electrical connections are secure. Consult a qualified electrician to inspect wiring.
Light output is dim or flickering.	Unstable power supply. Damaged LED module.	Ensure stable power supply. If flickering persists, consider RLE module replacement by a qualified technician.
Cannot change color temperature.	Button malfunction.	Ensure the button is pressed firmly. If the issue persists, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	V-TAC
Model Number	23615
Power	100 Watts
Luminous Flux	8150 lm
Color Temperature	3000K (Warm White), 4000K (Natural White), 6000K (Cool White)
IP Rating	IP65
Material	Aluminum, Tempered Glass
Dimensions (L x W x H)	1 x 1 x 1 cm (Product); 276mm x 263mm x 26mm (Approximate Floodlight Body)
Weight	900 g
Voltage	240 Volts
Beam Angle	90°
Special Features	Anti-rust, RLE Technology, Shock Resistant, Energy Efficient, Waterproof
Installation Type	Wall Mount

10. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the point of purchase or visit the official V-TAC website. Information regarding spare parts availability and software updates is not provided in this manual. For technical support or service inquiries, please contact your retailer or V-TAC customer service directly.