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Brilliant 96162/06

Brilliant Tanko 96162/06 Outdoor Wall Light with Motion Sensor

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Brilliant Tanko 96162/06 Outdoor Wall Light with Motion Sensor. This manual provides essential information for the safe installation, operation, and maintenance of your new outdoor lighting fixture. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Always disconnect power at the main circuit breaker before attempting any installation, maintenance, or bulb replacement.
- **Outdoor Use:** This fixture is rated IP44, meaning it is protected against solid objects larger than 1mm and against splashing water from any direction. It is designed for outdoor use only.
- **Bulb Type:** Use only R7s halogen bulbs with a maximum wattage of 150W. Exceeding the maximum wattage can cause overheating and damage to the fixture or create a fire hazard.
- **Handling:** Do not touch the halogen bulb with bare hands during installation or replacement, as oils from your skin can cause premature failure. Use a clean cloth or gloves.
- **Mounting:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.

3. PACKAGE CONTENTS

Please check that all components are present and undamaged:

- Brilliant Tanko 96162/06 Outdoor Wall Light Unit with Motion Sensor
- Mounting Hardware (screws, wall plugs)
- Instruction Manual (this document)

Note: R7s bulb is typically not included and must be purchased separately.

4. SETUP AND INSTALLATION

Before you begin: Ensure the power supply to the installation area is switched off at the main circuit breaker.

1. **Prepare Mounting Surface:** Choose a suitable wall location for the fixture. Mark the drilling points for the mounting bracket.
2. **Mount the Bracket:** Drill holes at the marked points and insert the wall plugs. Secure the mounting bracket to the wall using the provided screws.
3. **Wiring:** Connect the electrical supply wires to the terminal block inside the fixture. Ensure correct polarity (Live, Neutral, Earth) according to local wiring regulations. Secure all connections tightly.
4. **Install the Bulb:** Carefully insert an R7s halogen bulb (max 150W) into the bulb holder. Avoid touching the glass part of the bulb with bare hands.
5. **Attach the Fixture:** Secure the main light unit to the mounted bracket. Ensure it is firmly attached and sealed against the wall to maintain its IP44 rating.
6. **Adjust Sensor and Light Head:** The motion sensor and light head are adjustable. Position them to cover the desired detection area and illumination direction.



Figure 4.1: Brilliant TANKO 96162/06 Outdoor Wall Light with Motion Sensor. This image shows the complete fixture, including the main light housing and the adjustable motion sensor unit mounted below it.



Figure 4.2: Close-up view of the R7s bulb socket within the Brilliant TANKO fixture. This illustrates where the R7s halogen bulb should be inserted.

5. OPERATING INSTRUCTIONS

Once installed and power is restored, the Brilliant TANKO 96162/06 will operate as follows:

- **Motion Detection:** The integrated motion sensor detects movement within its adjustable range. When motion is detected, the light will automatically turn on.
- **Light Duration:** The light will remain on for a set period after motion is detected. This duration is typically adjustable via controls on the sensor unit (refer to specific markings on your sensor for

adjustment dials for 'TIME' and 'LUX' settings, if present).

- **Ambient Light Sensor (LUX):** The sensor also includes an ambient light sensor. This prevents the light from activating during daylight hours, saving energy. The sensitivity of this sensor can often be adjusted to determine at what level of darkness the motion sensor becomes active.

6. MAINTENANCE

- **Cleaning:** To clean the fixture, ensure power is off. Wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or sensor.
- **Bulb Replacement:** Always disconnect power before replacing the bulb. Allow the old bulb to cool completely. Carefully remove the old R7s bulb and insert a new R7s bulb (max 150W), avoiding direct contact with the glass.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Blown bulb. Faulty wiring. Ambient light too high.	Check circuit breaker. Replace bulb. Verify wiring connections (consult electrician). Adjust LUX setting on sensor.
Light stays on continuously.	Continuous motion detected. Sensor faulty. Wiring error.	Adjust sensor angle/sensitivity. Check for obstructions. Consult electrician.
Light turns on randomly.	Sensor too sensitive. Environmental factors (wind, animals).	Reduce sensor sensitivity. Re-position sensor to avoid unwanted triggers.
Light flickers.	Loose bulb. Incorrect bulb type. Power fluctuations.	Ensure bulb is seated correctly. Verify R7s 150W bulb. Consult electrician for power issues.

8. SPECIFICATIONS

Feature	Detail
Brand	Brilliant
Model Number	96162/06
Product Dimensions (L x W x H)	14 x 21 x 22 cm
Item Weight	521 grams
IP Rating	IP44
Style	Modern

Feature	Detail
Color	Black
Material	Metal, Glass
Number of Bulbs	1
Voltage	230 Volts
Specific Uses	Outdoor use only
Special Features	Adjustable (sensor/light head)
Cap Type	R7s
Max Wattage	150W
Power Source	Electrical Cable (Wired)
Installation Type	Wall Mounting
Energy Label	A+ to E (for compatible bulbs)



TANKO
96162/06



Diese Leuchte ist geeignet
für Leuchtmittel der
Energieklassen:



874/2012



Figure 8.1: Energy label for the Brilliant TANKO 96162/06, indicating compatibility with bulbs from energy classes A++ to E.

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and spare parts availability for the Brilliant TANKO 96162/06 is

not provided in the product data. For warranty claims, technical support, or inquiries about spare parts, please contact the retailer where you purchased the product or the manufacturer directly. Always have your proof of purchase and model number (96162/06) available when contacting support.