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Blivrig D3TGD200W220V

Blivrig 200W Cold White Outdoor LED Floodlight User Manual

Model: D3TGD200W220V

PRODUCT OVERVIEW

The Blivrig 200W Cold White Outdoor LED Floodlight is a high-performance lighting solution designed for various outdoor applications. It features advanced LED technology for energy efficiency and durability.



Figure 1: Front view of the Blivrig 200W Cold White Outdoor LED Floodlight with its power cable.

Key features include:

- **High Brightness:** Equipped with 288 LED beads, providing 20,000 lumens of cold white light (6500K).
- **Wide Beam Angle:** A 120° beam angle ensures broad illumination.
- **Durable and Weatherproof:** IP66 rated for water and dust resistance, suitable for harsh outdoor conditions including snow and lightning.
- **Efficient Heat Dissipation:** Designed with an ultra-thin body for improved heat management, extending product lifespan.
- **Flexible Installation:** Features a 180° adjustable metal bracket for versatile mounting on walls, ceilings, or the ground.
- **Safety Certified:** CE and RoHS certified for reliable and safe operation.



Figure 2: The Blivrig LED Floodlight effectively illuminating a house entrance at night, demonstrating its 120° beam angle and cold white light (6500K).

SETUP AND INSTALLATION

This LED floodlight is designed for straightforward installation. Please follow these steps carefully to ensure safe and proper setup.

1. Safety Precautions

- Ensure the power supply is disconnected before any installation or maintenance.
- Consult a qualified electrician if you are unsure about any wiring procedures.
- Wear appropriate personal protective equipment (PPE) during installation.

2. Mounting Options

The floodlight comes with a 180° adjustable metal bracket, allowing for flexible mounting in various locations:

- **Wall Mount:** Securely attach the bracket to a vertical surface.
- **Ground Mount:** Install the floodlight on a flat horizontal surface, such as a garden bed or patio.
- **Ceiling Mount:** Affix the bracket to an overhead structure.



Figure 3: Various installation methods for the floodlight, including wall, ground, and ceiling mounting, enabled by the 180° adjustable bracket.

3. Electrical Connection

The floodlight operates on 230V AC and includes a 75cm (30-inch) power cable. Connect the wires according to the standard electrical color codes:

- **Brown Wire:** Connect to Live (L)
- **Blue Wire:** Connect to Neutral (N)
- **Yellow/Green Wire:** Connect to Earth/Ground (E)



Figure 4: Rear view of the floodlight showing the heat dissipation design and the color-coded power cable for electrical connection.

After mounting and wiring, ensure all connections are secure and insulated before restoring power.

OPERATING INSTRUCTIONS

Once installed and connected to a power source, the Blivrig LED Floodlight will illuminate when power is supplied. There are no complex controls or settings for this floodlight.

- **Power On/Off:** Control the floodlight using an external switch connected to its power supply.
- **Light Output:** The floodlight provides a consistent 20,000 lumens of cold white light (6500K).
- **Beam Adjustment:** The light direction can be adjusted by loosening the screws on the side of the bracket, tilting the floodlight to the desired angle, and then tightening the screws securely.



Figure 5: Examples of the floodlight's application in different outdoor environments, including a pool area, garden, and garage, showcasing its versatile illumination.

MAINTENANCE

The Blivrig LED Floodlight is designed for minimal maintenance due to its durable construction and IP66 rating. However, regular checks can help ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the glass surface with a soft, damp cloth to remove dirt, dust, or debris that may obstruct light output. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the power cable for any signs of wear, damage, or fraying. Check the mounting bracket for stability and ensure all screws are tight.
- **Heat Dissipation:** The floodlight features an efficient heat dissipation system. Ensure that the fins on the back of the unit are not blocked by debris or obstructions to maintain proper airflow.



👍 Tempered glass

👍 Not fragile

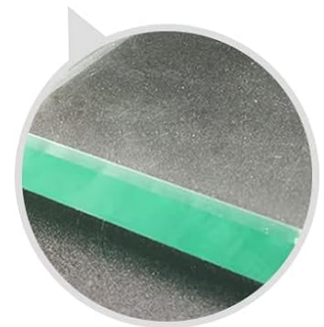


Figure 6: The floodlight's IP66 rating ensures protection against water and dust, as depicted in snowy and rainy conditions.

Better Heat Dissipation

● for Live wire (L)

● for Neutral wire (N)

● for Earth/Ground wire (E)

75cm/30inch power cable

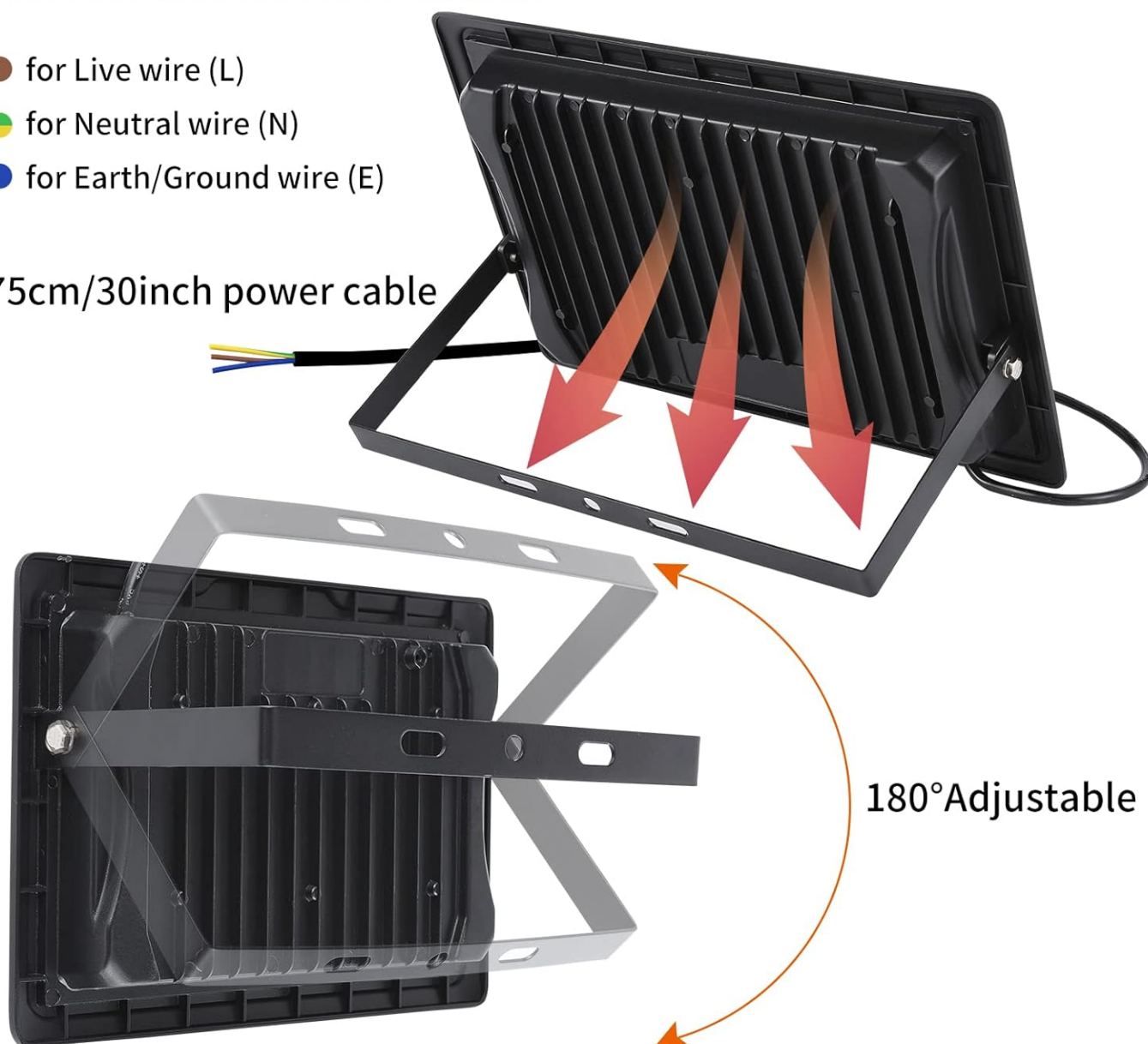


Figure 7: The floodlight features tempered glass, providing enhanced durability and resistance to impact.

TROUBLESHOOTING

If you encounter any issues with your Blivrig LED Floodlight, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply, loose wiring, faulty switch.	Check power source and circuit breaker. Ensure all electrical connections are secure. Test the switch.
Light flickers or is dim.	Unstable power supply, loose connection, internal component issue.	Verify stable power. Check wiring connections. If problem persists, contact customer support.
Water inside the unit.	Improper installation, seal damage.	Ensure proper sealing during installation. If seals are damaged, contact customer support.

If the issue persists after attempting these solutions, please contact Blivrig customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	Blivrig
Model Number	D3TGD200W220V
Power	200 Watts
Luminous Flux	20,000 lumens
Color Temperature	6500 Kelvin (Cold White)
Beam Angle	120°
Voltage	230 Volts (AC)
IP Rating	IP66 (Waterproof and Dustproof)
Material	Aluminum
Product Dimensions (L x W x H)	35.5 x 24.2 x 3.5 cm (13.9 x 9.5 x 1.4 inches)
Item Weight	1.59 Kilograms
Cable Length	75 cm (30 inches)
Adjustable Bracket	180°
Certifications	CE, RoHS
Energy Efficiency Rating	F (View EPREL Data)

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While specific warranty duration is not detailed, the product is designed for a long lifespan and is backed by CE and RoHS certifications for quality and safety. Some product information suggests a 2-year lifespan expectation.

For any questions, technical assistance, or support regarding your Blivrig LED Floodlight, please contact our customer

service team. We are committed to providing the best service to our customers.

Contact information is typically provided on the product packaging or through the retailer where the product was purchased.