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› [Blivrig](#) /

› [Blivrig 200W Cold White Outdoor LED Floodlight User Manual](#)

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.

200W LED Spotlight



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.

Easy to Install



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

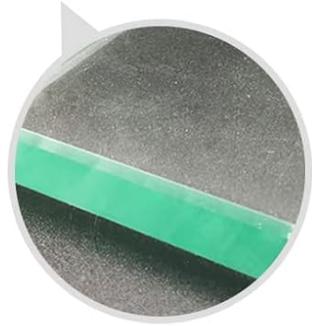


Figure 6: The floodlight's IP66 rating ensures protection against water and dust, as depicted in snowy and rainy conditions.

Better Heat Dissipation

- for Live wire (L)
- for Neutral wire (N)
- for Earth/Ground wire (E)

75cm/30inch power cable

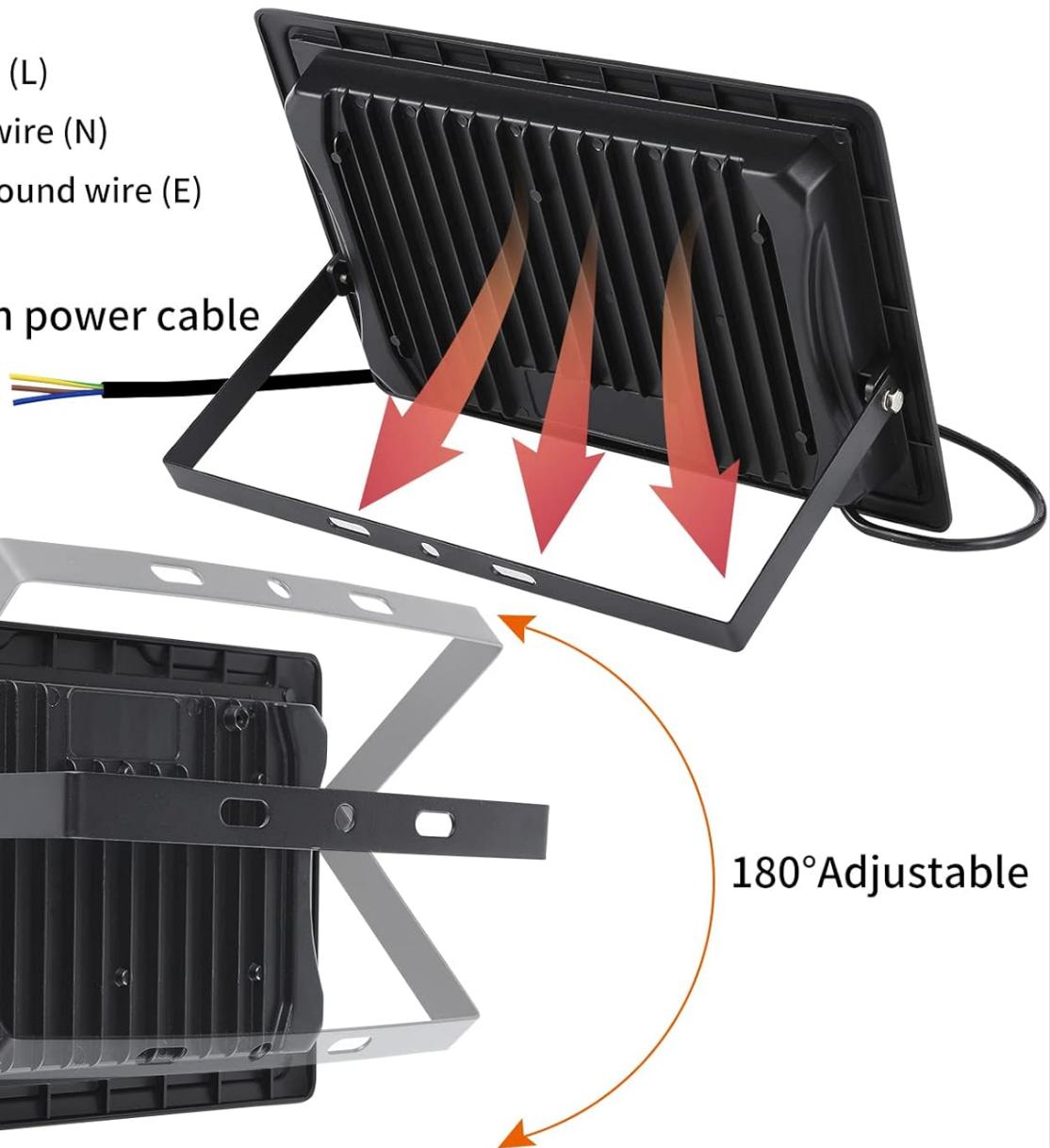


Figure 7: The floodlight features tempered glass, providing enhanced durability and resistance to impact.

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

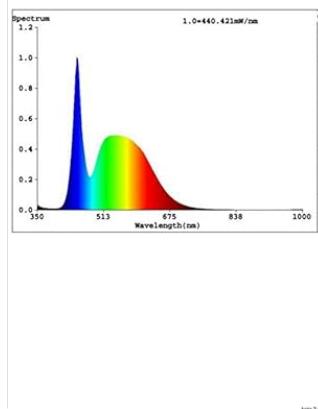
Feature	Detail
Brand	Blivrig
Model Number	D3TGD200W220V
Power	200 Watts
Luminous Flux	20,000 lumens
Color Temperature	6500 Kelvin (Cold White)
Beam Angle	120°
Voltage	230 Volts (AC)
IP Rating	IP66 (Waterproof and Dustproof)
Material	Aluminum
Product Dimensions (L x W x H)	35.5 x 24.2 x 3.5 cm (13.9 x 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)

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: Shenzhen Mialiaowao Trading Co., Ltd.			
Adresse des Lieferanten: CET PRODUCT SERVICE SP. Z O.O., UK Druga 33 102, 95-100 Zielona Gora, PL			
Modellbezeichnung: DOTG003200W			
Art der Lichtquelle:			
Vinwendete Beleuchtungstechnologie:	LED	Ungewindet oder gebündelt:	DLS
Art des Sockels der Lichtquelle	/		
polare oder elektrische Schnittstelle:			
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	MLS	Vernetzte Lichtquelle (CLS)	Ja
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Leuchtmittel mit hoher Leuchtdichte:	Nein		
Blendschutzhülle:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Wert	Parameter
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/2000 h), auf die nächstliegende ganze Zahl gerundet	200	Energieeffizienzklasse	F
Nutzlichtstrom (L ₈₀), auf die nächstliegende ganze Zahl gerundet	16.800	Abstrahlwinkel, gemessen auf die nächstliegende 100 K oder Spanne der einstellbaren Abstrahlwinkeltemperaturen, gemessen auf die nächstliegenden 100 K	6.500
Leistungsaufnahme im Ein-Zustand (P _{on}) in W	200,0	Leistungsaufnahme im Betriebszustand (P _{on}) in W, auf die zweitnächste Stelle gerundet	-
Leistungsaufnahme im vernetzten Betriebszustand (P _{on})	-	Farbwiedergabeindex, auf die zweitnächste Stelle gerundet	80

Seite 1/3

Für OLS in W, auf die zweite Dezimale gerundet		nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren OSL-Werte	
Büßere Abmessungen gefolgt von separaten Betriebsdaten: Abstimmungssteuerungsteile und Nicht-Abstimmungssteuerungsteile (Millimeter)	Breite 350 Höhe 340 Tiefe 35	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast	
		Siehe Bild auf letzter Seite	
Angabe zu einer gleichwertigen Leistungsaufnahme ^a	-	Falls ja, gleichwertige Leistungsaufnahme (W) Farbanteile (x und y) 0,308 0,329	
Parameter für Lichtquellen mit gebündeltem Licht			
Spitzenleuchtdichte (cd)	7.390	Halbwertswinkel in Grad oder Spanne der einstellbaren Halbwertswinkel	
Parameter für LED- und OLED-Lichtquellen:			
Wert des 89-Farbwiedergabedex	2	Lebensdauerfaktor	1,00
Lebensdauerfaktor	0,00		
Parameter für LED- und OLED-Netzspannungslichtquellen:			
Verschiebungsfaktor (cos φ1)	0,90	Farbkonsistenz in MacAdam-Ellipsen	3
Angabe, dass eine LED-Lichtquelle eine Leuchstofflichtquelle ohne eingebautes Vorschaltgerät ersetzt und die entsprechenden Leistungsaufnahme ersetzt.	Ja	Falls ja, Wert zur ersetzen Leistungsaufnahme (W)	-
Filmfarb-Messgröße (Phi LM)	0,1	Messgröße für Stroboskop-Effekte (WV)	0,0

Seite 2/3



Seite 3/3

Figure 8: Energy efficiency label indicating an 'F' rating for the floodlight.

WARRANTY AND SUPPORT

Warranty Information

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.

Customer Support

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.

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