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› Fieryzeal LED 200W RGBW Beam Moving Head Disco Light User Manual

## Fieryzeal ZQ02355EU

# Fieryzeal LED 200W RGBW Beam Moving Head Disco Light User Manual

Model: ZQ02355EU

## 1. INTRODUCTION

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This user manual provides essential information for the safe and effective operation of your Fieryzeal LED 200W RGBW Beam Moving Head Disco Light. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1: Fieryeal LED 200W RGBW Beam Moving Head Disco Light, showcasing its compact design and multi-directional light output.

## 2. SAFETY INSTRUCTIONS

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To prevent electric shock, fire, or injury, always follow these basic safety precautions:

- Ensure the power supply voltage matches the product's requirements.
- Do not open the casing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source.
- Keep the device away from water, moisture, and high humidity environments.
- Ensure proper ventilation around the unit to prevent overheating.
- Always disconnect power before cleaning or performing any maintenance.
- Install the device securely using appropriate mounting hardware.

## 3. PACKAGE CONTENTS

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Verify that all items are present and in good condition upon unpacking:



Figure 2: Included components: Moving Head LED light, power cord, manual, screws, and install pendants.

- 1 x Moving Head LED Light
- 1 x Power Cord (EU plug)
- 1 x User Manual
- 4 x Screws
- 2 x Install Pendants (Mounting Brackets)

## 4. PRODUCT OVERVIEW AND FEATURES

The Fierzyeal LED 200W RGBW Beam Moving Head Light is designed for dynamic lighting effects in various entertainment settings. It combines multiple light sources and movement capabilities to create a vibrant atmosphere.

### 4.1 Key Features

- **Powerful Light Output:** Features 6 high-brightness RGBW LEDs, 6 red/green light sources, and 126 5050RGBW wash lights.

- **Extensive Light Effects:** Includes integrated program changes with color, beam, and strobe effects. Effect speed is adjustable.
- **Three-Axis Rotation:**
  - X-axis: 540° rotation
  - Y-axis: 180° rotation
  - Z-axis: Infinite rotation
- **Multiple Operating Modes:** Sound activation, DMX control (20CH/57CH), automatic, and master-slave modes.
- **Stable Operation:** Utilizes high-quality chips and motors for smooth, stable performance and efficient heat dissipation.
- **Easy Installation:** Comes with a simple mounting bracket for hanging or floor placement.



Figure 3: Illustration of the X-axis (540°), Y-axis (180°), and Z-axis (360° infinite) rotation capabilities.



Figure 4: Product dimensions (25cm x 20cm x 35cm) and internal light components, including 126 50 LED pixel blocks, 6 RGBW LEDs, 3 red lights, and 3 green lights.

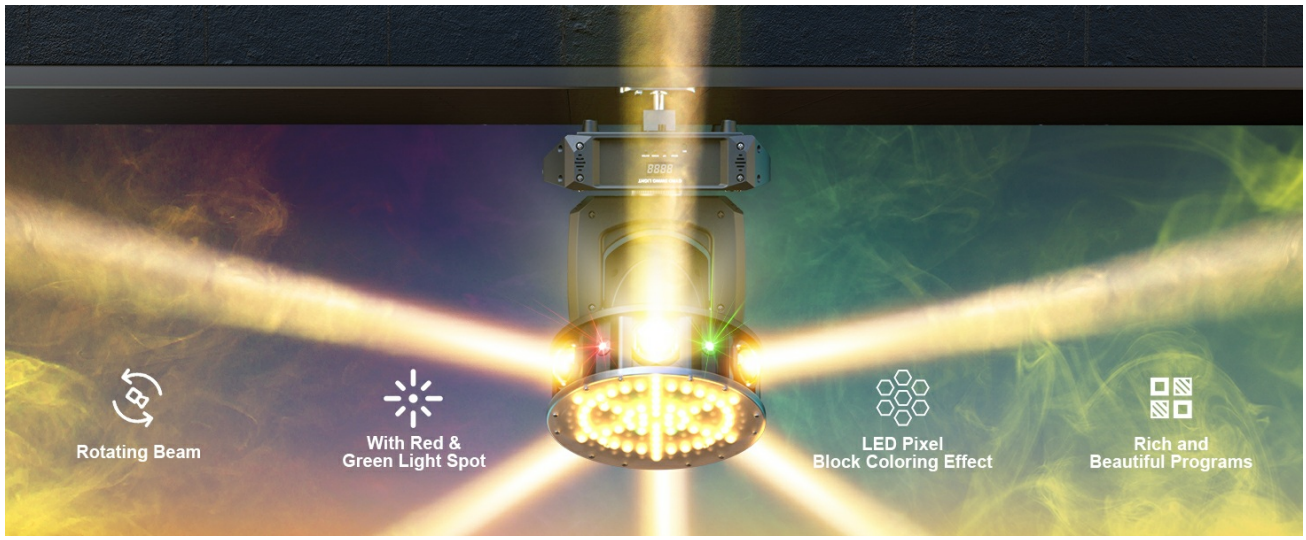


Figure 5: Rear view of the unit showing the LCD display, menu buttons (MENU, UP, DOWN, ENTER), DMX In/Out ports, and Power In connection.

## 5. SETUP

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Proper setup is crucial for optimal performance and safety.

### 5.1 Mounting Options

The moving head light can be installed in several ways:

- **Floor Placement:** Simply place the unit on a stable, level surface.
- **Ceiling/Truss Mounting:** Use the provided mounting brackets and screws to securely attach the unit to a truss or ceiling structure. Ensure the mounting surface can support the weight of the fixture.



Figure 6: The light can be placed on the floor or securely mounted to a ceiling or truss using the included brackets.

### 5.2 Power Connection

Connect the provided power cord to the "POWER IN" port on the rear of the unit and then to a suitable power outlet (220V standard). The unit will power on automatically upon connection.

### 5.3 DMX Connection (Optional)

For DMX control, connect a DMX controller to the "DMX IN" port. If linking multiple units, connect the "DMX OUT" of the first unit to the "DMX IN" of the next, and so on. Ensure a DMX terminator is used on the last unit in the chain for stable signal transmission.

## 6. OPERATING INSTRUCTIONS

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The moving head light offers several operating modes to suit different needs.

### 6.1 Control Panel Navigation

Use the buttons on the control panel (refer to Figure 5) to navigate through menus and select modes:

- **MENU:** Enters the menu or goes back to the previous level.
- **UP/DOWN:** Navigates through menu options or adjusts values.
- **ENTER:** Confirms selection or enters a sub-menu.

### 6.2 Operating Modes

- **Sound Activation Mode:** The light reacts to ambient sound or music. Adjust sensitivity via the menu if available.
- **Automatic Mode:** The light cycles through pre-programmed light shows and movements.
- **Master-Slave Mode:** Connect multiple units via DMX cables. Set one unit as "Master" and others as "Slave." Slave units will mimic the Master's movements and effects.
- **DMX Control Mode (20CH/57CH):** For professional control, connect to a DMX controller. Refer to the DMX channel chart (usually provided in a separate DMX manual or detailed specification sheet) for specific channel functions and values. This mode allows precise control over color, movement, strobe, and other effects.

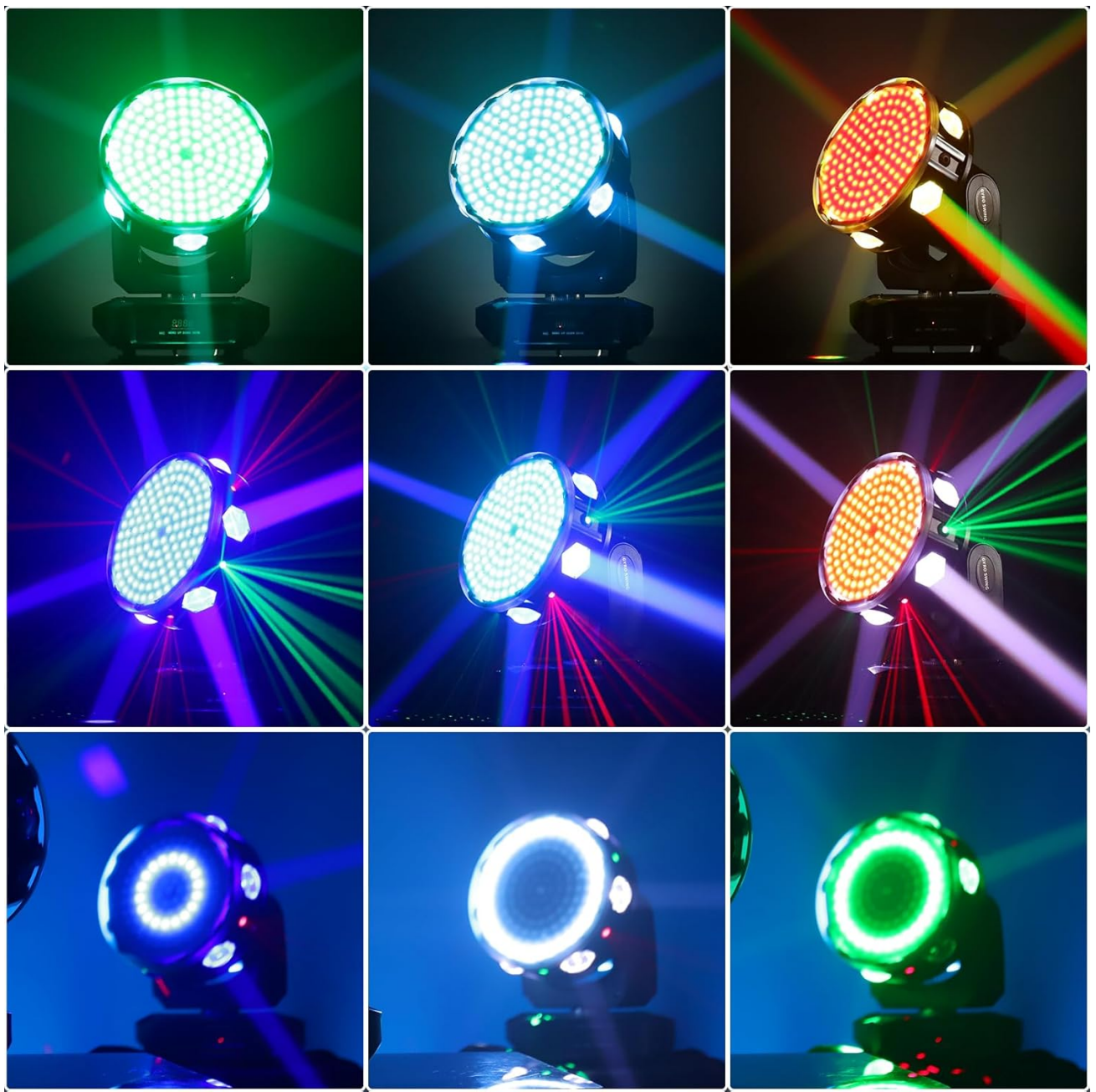


Figure 7: Examples of the diverse light effects, including beam, wash, and pixel block patterns, achievable with the fixture.



Figure 8: Demonstrates the rotating beam, red and green spot lights, LED pixel block coloring effect, and rich pre-programmed shows.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your light fixture.

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris to maintain proper airflow and prevent overheating.

## 8. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Light does not turn on	No power from outlet; Loose power cable; Faulty power cable.	Check power outlet; Ensure power cable is securely connected; Try a different power cable.
No DMX control	Incorrect DMX address; Faulty DMX cable; No DMX terminator; Incorrect DMX mode.	Verify DMX address setting; Check DMX cables; Use a DMX terminator; Ensure unit is in DMX mode.
Light flickers or behaves erratically	Unstable power supply; DMX signal interference; Overheating.	Ensure stable power; Check DMX connections and termination; Ensure proper ventilation.
Motor noise or restricted movement	Obstruction; Internal issue.	Check for physical obstructions; If problem persists, contact support.

## 9. SPECIFICATIONS

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Detailed technical specifications for the Fieryzeal LED 200W RGBW Beam Moving Head Disco Light (Model: ZQ02355EU).

Specification	Value
Product Dimensions	25 x 20 x 35 cm
Product Weight	6.2 Kilograms
Finishing Type	Metallized
Batteries Required	No
Model Number	ZQ02355EU
Color	RGBW
Shape	Cylinder
Material	Metal

Specification	Value
Light Source Type	LED
Power Source	Corded Electric
X-axis Rotation	540°
Y-axis Rotation	180°
Z-axis Rotation	Infinite Rotation
DMX Channels	20CH / 57CH

**Scheda informativa del prodotto**  
 REGOLAMENTO DELL'UNO (UE) 2019/2015 DELLA COMMISSIONE per quanto riguarda l'etichettatura energetica delle sorgenti luminose

Nome e marchio del fornitore: guangzhouhishibingmehyvolwangongji  
 Indirizzo del fornitore: 819 Europe Court, Amstcrt 9, 64347 Groningen, Germany  
 Identificativo del modello: 2022355

**Tipi di sorgente luminosa:**

Tecnologia d'illuminazione	LED	Non ibridazione o di ricorrenza	NDLS
Tipo di attacco della sorgente luminosa (o altra interfaccia elettrica)	Power by external power source		
A tensione di rete o non a tensione di rete	IMLS	Sorgente luminosa connessa (CLC)	No
Sorgente luminosa a valori variabili	No	Inibitore	-
Sorgente luminosa ad alta luminosità	No		
Schemi anti-freccia	No	Regolazione	No

**Parametri del prodotto**

Parametro	Valore	Parametro	Valore
<b>Parametri generali del prodotto:</b>			
Consumo di energia in modo accensione (Watt/1000 h), arrotondato per eccesso all'intero più vicino	27	Classe di efficienza energetica	E
Flusso luminoso utile (lm), indicando se si riferisce al flusso in una sfera (200°), in un cono ampio (120°) o in un cono stretto (90°)	3 300 in Cono ampio (120°)	Temperatura di colore correlata, arrotondata al 100 K più vicino, oppure intervallo di temperatura di colore correlata che è possibile impostare, arrotondata al 100 K più vicino	6 500
Potenza in modo acceso (P <sub>act</sub> ), espressa in W	27,5	Potenza in modo stand-by (P <sub>sb</sub> ), espressa in W e arrotondata al secondo decimale	0,00
Potenza in modo stand-by in mW (P <sub>sb</sub> ) per le sorgenti luminose connesse, espressa in W e arrotondata al secondo decimale	-	Indice di resa cromatica arrotondato all'intero più vicino, oppure intervallo di	80

Nota 114

Dimensioni	Altezza	170	valori IRC che è possibile impostare	
esterna senza unità di alimentazione separata, per il controllo dell'illuminazione a parete senza fili, di controllo dell'illuminazione, se presenti (mm)	Larghezza	330	Distribuzione spettrale di potenza a pieno carico nell'intervallo da 250 nm a 800 nm	Vedi immagine nell'ultima pagina
	Profondità	330		
	Dichiarazione di potenza equivalente			
Coordinate cromatiche (x, y)				0,278 0,267

**Parametri per sorgenti luminose LED e OLED:**

Valore dell'indice di resa cromatica Ra	9	Fattore di sopravvivenza	1,00
Fattore di mantenimento del flusso luminoso	0,96		

IRC: non applicabile.  
 Ra: non applicabile.

Nota 114

Modello immesso sul mercato dell'Unione da 05/01/2024.



Numero di registrazione EPREL: 2071477 <https://eprel.ec.europa.eu/en/2071477>

Fornitore: REP Europe GmbH (Rappresentante autorizzato) [Site web: www.rep-europe.de](http://www.rep-europe.de)

Servizio di assistenza alla clientela: [info@rep-europe.de](mailto:info@rep-europe.de) [Telefono: +49 157 51253112](tel:+4915751253112)

Indirizzo: Anwalt 9 B, 64347 Griesheim, Germany

Figure 9: Technical data and product information sheet, providing comprehensive details on performance and compliance.

### Fiche d'information sur le produit

RÈGLEMENT DÉLÉGUÉ (UE) 2015/2015 DE LA COMMISSION en ce qui concerne l'étiquetage énergétique des sources lumineuses.

Nom du fournisseur ou marque commerciale: guangzhouyichengmaoyiyoulangringli

Adresse du fournisseur: REP Europe GmbH, Anwalt. 9 B, 64347 Griesheim, Germany

Référence du modèle: 2502355

Type de source lumineuse:

Technologie d'éclairage utilisée:	LED	Non dirigée ou dirigée:	NDLS
Type de cordon de la source lumineuse (ou d'autre interface électrique):	Power by external power source		
Secteur ou non secteur:	NDLS	Source lumineuse connectée (SLC):	Non
Source lumineuse réglable en couleur:	Non	Envelopper:	-
Source lumineuse à luminance élevée:	Non		
Protection anti-éblouissement:	Non	Utilisation avec un variateur:	Non

Paramètres du produit

Paramètre	Valeur	Paramètre	Valeur
Paramètres généraux du produit:			
Consommation d'énergie en mode marche (SW <sub>1000h</sub> ), arrondi à l'entier supérieur le plus proche	27	Classe d'efficacité énergétique	E
Flux lumineux utile (Φ <sub>u</sub> ), avec indication qu'il se réfère au flux dans une sphère (S20), dans un cône large (S20) ou dans un cône étroit (S0)	3 300 sur Cône large (S20) <sup>M</sup>	Température de couleur nominale, arrondi à la centaine de K la plus proche, ou la plage de températures de couleur nominales qui peuvent être réglées	8 500
Puissance en mode marche (P <sub>act</sub> ), exprimée en W	27,0	Puissance en mode veille (P <sub>off</sub> ), exprimée en W et arrondi à la deuxième décimale	0,00
Puissance en mode veille (P <sub>off</sub> ), pour SLC, exprimée en W et arrondi à la deuxième décimale	-	Indice de rendu des couleurs, arrondi à l'entier le plus proche, ou la plage	80

de valeurs d'IRC qui peuvent être réglées

Dimensions extérieures en mm, sans emballage de commande	Hauteur	Largeur	Profondeur	de valeurs d'IRC qui peuvent être réglées	Voir l'image de la page précédente
	170	330	330	Distribution de la puissance spectrale dans la plage de 250 nm à 800 nm, à pleine charge	

réglant, éléments de régulation de l'éclairage ou éléments sans fonction d'éclairage (s'ils existent)

Déclaration de puissance équivalente<sup>M</sup>

	-	Si oui, puissance équivalente (W)	-
	-	Coordonnées chromatiques (x et y)	0,278 0,267

Paramètres pour les sources lumineuses LED et OLED:

La valeur de l'indice de rendu des couleurs	80	Facteur de survie	1,00
Facteur de conservation du flux lumineux	0,96		

W<sub>1000h</sub>: sans arrêt  
M<sub>1</sub>: sans arrêt



Figure 10: Energy label for model ZQ02355, indicating an energy efficiency class of E and consumption of 27 kWh/1000h. More details can be found at [eprel.ec.europa.eu/qr/2071477](https://eprel.ec.europa.eu/qr/2071477).

## 10. WARRANTY AND SUPPORT

The product comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

For technical support, warranty claims, or any questions regarding your Fieryezeal product, please contact your retailer or the manufacturer's customer service. Refer to your purchase documentation for specific contact details.