

## UKing ZQ02011EU

# UKing Lyre LED 100W RGBW Moving Head Light Instruction Manual

Model: ZQ02011EU | Brand: UKing

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your UKing Lyre LED 100W RGBW Moving Head Light (Model ZQ02011EU). Please read this manual thoroughly before installation, operation, or maintenance to ensure proper use and to prevent damage to the unit or injury to personnel.

## SAFETY INFORMATION

Always observe the following safety precautions:

- **Electrical Safety:** Ensure the power supply matches the unit's requirements. Disconnect power before any service or maintenance.
- **Temperature:** Do not operate the unit in temperatures exceeding 40°C (104°F) or below -10°C (14°F).
- **Ventilation:** Ensure adequate ventilation. Do not block cooling fan vents.
- **Mounting:** Securely mount the fixture using appropriate clamps and safety cables.
- **Eye Safety:** Avoid direct eye exposure to the light source.
- **Moisture:** Do not expose the unit to rain or moisture.
- **Servicing:** Refer all servicing to qualified personnel.



Image: Front and back view of the moving head light, highlighting the control panel, DMX ports, power input, and cooling fan.

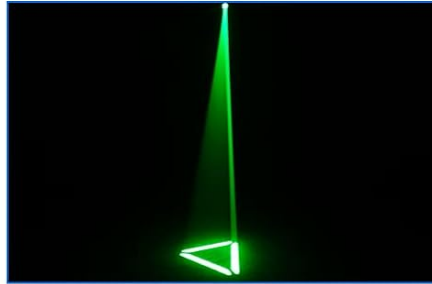
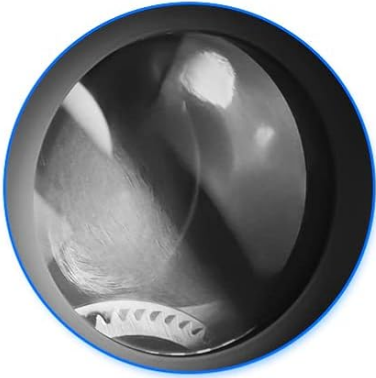
## PRODUCT FEATURES

The UKing Lyre LED 100W RGBW Moving Head Light offers advanced features for dynamic lighting effects:

- **Powerful Illumination:** 100W RGBW LED for bright and vibrant colors.
- **Gobo and Color Wheels:** Features 8 distinct gobos and 8 rich colors for diverse visual patterns.
- **Prism Effect:** Integrated prism for multi-faceted beam splitting, enhancing visual complexity.
- **Wide Movement Range:** Pan 540° and Tilt 180° with adjustable movement speed.
- **Multiple Control Modes:** Supports Automatic, DMX512, Master-Slave, and Sound Activation modes.
- **Compact Design:** Lightweight and easy to install in various settings.

# Rotatable 3 Facet Prism

## Prism Effect OFF



## Prism Effect ON



Image: Examples of gobo and color projections.

Ficha de información del producto			
<small>REGLAMENTO DELEGADO (UE) 2019/2015 DE LA COMISIÓN en lo relativo al etiquetado energético de las fuentes luminosas</small>			
<small>Nombre o marca comercial del proveedor: shen zhen shi yi mo si dian zi shang wu you xian gong si</small>			
<small>Dirección del proveedor: Daniel Wan, Calle Gran Vía 49,7 DCH 7, 28013 Madrid, ES</small>			
<small>Identificador del modelo: 2002011EU</small>			
<small>Tipo de fuente luminosa:</small>			
<small>Tecnología de iluminación utilizada:</small>	LED	<small>No direccional o direccional:</small>	NDLS
<small>Tipo de casquillo de la fuente luminosa (u otra interfaz eléctrica)</small>	Power by external power source		
<small>De red o no de red:</small>	NMLS	<small>Fuente luminosa conectada (CLS):</small>	No
<small>Fuente luminosa de color variable:</small>	No	<small>Envolvente:</small>	-
<small>Fuente luminosa de alta luminancia:</small>	No		
<small>Protección antideslumbramiento:</small>	No	<small>Atenuable:</small>	No
Parámetros del producto			
Parámetro	Valor	Parámetro	Valor
Parámetros generales del producto:			
<small>Consumo de energía en modo encendido (kWh / 1 000 h), redondeado al entero más próximo</small>	40	<small>Clase de eficiencia energética</small>	E
<small>Flujo luminoso útil (φ<sub>use</sub>), indicando si se refiere al flujo en una esfera (360°), en un cono amplio (120°) o en un cono estrecho (90°)</small>	4 800 en Cono amplio (120°)	<small>Temperatura de color correlacionada, redondeada a los 100 K más próximos, o intervalo de temperaturas de color correlacionadas, redondeado a los 100 K más próximos, que</small>	6 400

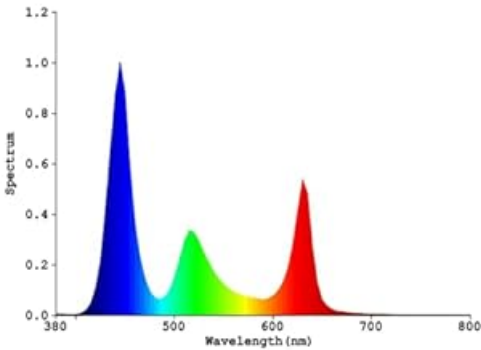
Potencia en modo encendido ( $P_{encendido}$ ), expresada en W	40,0	potencia regularse	-
Potencia en modo de espera en red ( $P_{red}$ ) para CLS, expresada en W y redondeada al segundo decimal	-	Potencia en modo de espera ( $P_e$ ), expresada en W y redondeada al segundo decimal	80
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Dimensiones exteriores sin mecanismo de control independiente, piezas de control de la iluminación ni piezas ajenas a la iluminación, de haberlos (milímetros)	Altura Anchura Profundidad	250 195 205	Distribución espectral de la potencia en el intervalo de 250 nm a 800 nm, a plena carga Véase la imagen en la última página
Declaración de potencia equivalente <sup>(6)</sup>	-	En caso afirmativo, potencia equivalente (W)	-
		Coordenadas cromáticas (x e y)	0,272 0,285
<b>Parámetros de fuentes luminosas de LED y OLED:</b>			
Valor del índice de rendimiento de color R9	-8	Factor de supervivencia	1,00
Factor de mantenimiento del flujo luminoso	0,96		
<small>(6) - : no aplicable;          (6b) - : no aplicable;</small>			
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Image: Demonstration of the rotatable 3-facet prism effect, showing the difference between prism OFF and prism ON.

## SETUP AND INSTALLATION

The UKing Moving Head Light can be installed in various configurations:

- **Standing:** Place the unit on a stable, flat surface.

- **Hanging:** Securely attach the unit to a truss or lighting bar using appropriate clamps and safety cables. Ensure the mounting surface can support the unit's weight.
- **Wall Mounting:** Use suitable brackets and fasteners to mount the unit to a wall, ensuring it is level and secure.

Always ensure proper ventilation around the unit, maintaining a minimum distance of 10 cm from walls or other objects.



Image: Illustration of hanging and standing installation methods.



Image: Product dimensions and movement capabilities (Pan 540°, Tilt 180°).

## OPERATING MODES

The fixture supports multiple operating modes, selectable via the control panel display:

- **Automatic Mode:** The light cycles through pre-programmed patterns and color changes automatically.
- **Sound Activation Mode:** The light reacts to sound and music, changing patterns and colors in sync with the audio.
- **Master-Slave Mode:** Connect multiple units. One unit acts as the master, controlling all other connected slave units for synchronized effects.
- **DMX512 Control Mode:** For professional control, connect the unit to a DMX controller to precisely manage all functions, including pan, tilt, color, gobos, and effects.

## Multiple Control Modes & Lighting Effect Modes



Image: Overview of available control modes and lighting effects.

### DMX512 CONTROL

The UKing Moving Head Light can be controlled via DMX512 protocol. Connect a DMX controller to the DMX INPUT port using a 3-pin XLR cable. Use the DMX OUTPUT port to daisy-chain additional DMX fixtures. Refer to your DMX controller's manual for specific programming instructions. The fixture offers various DMX channel modes, allowing control over pan, tilt, pan/tilt speed, dimmer, strobe, color wheel, gobo wheel, and prism effects. The control panel allows you to set the DMX address and select the desired DMX channel mode.

### MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your moving head light:

- **Cleaning:** Periodically clean the lenses and exterior with a soft, lint-free cloth. Do not use abrasive cleaners.
- **Fan Vents:** Ensure cooling fan vents are free from dust and debris to prevent overheating.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or

damage.

- **Storage:** When not in use, store the unit in a dry, dust-free environment.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; no power from outlet.	Check power cable connection; test outlet with another device.
No DMX control	Incorrect DMX address; faulty DMX cable; DMX controller issue.	Verify DMX address setting; check DMX cable integrity; ensure DMX controller is functioning correctly.
Light not moving	Motor calibration issue; DMX signal problem; unit in static mode.	Restart the unit; check DMX signal; ensure unit is not in a static or frozen mode.
Overheating	Blocked ventilation; prolonged use in high ambient temperature.	Clear fan vents; ensure adequate airflow; allow unit to cool down.

## SPECIFICATIONS

Feature	Detail
Brand	UKing
Model Number	ZQ02011EU
Light Source	100W RGBW LED
Luminosity	10000 lm
Beam Angle	7 Degrees
Gobos	8 Gobos
Colors	8 Colors
Prism Effect	Yes, Rotatable 3-facet prism
Pan Movement	540°
Tilt Movement	180°
Control Modes	Automatic, DMX512, Master-Slave, Sound Activation
Power Input	AC adapter
Maximum Watts	100 Watts
Material	Plastic
Dimensions (L x W x H)	16.5 x 6.2 x 24.5 cm (6.5 x 2.4 x 9.6 inches)

Feature	Detail
Weight	3.76 kg (7.19 lbs)
Operating Temperature	-10°C to 40°C (14°F to 104°F)

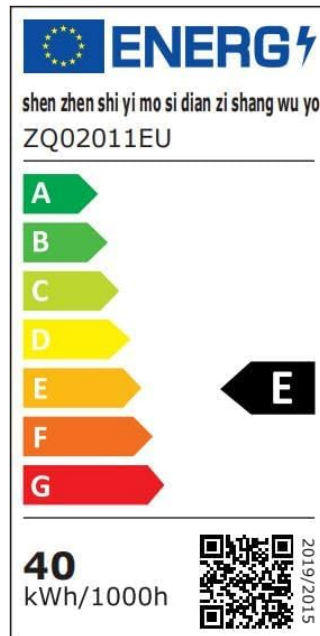


Image: Energy Label for Model ZQ02011EU. For more details, visit [eprel.ec.europa.eu/qr/1642141](http://eprel.ec.europa.eu/qr/1642141).

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact UKing customer service. If you have questions about the product, assistance is available.