

CUELED

INNOVATIVE LIGHT SOLUTIONS

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USER MANUAL



CUELED 360 MKII

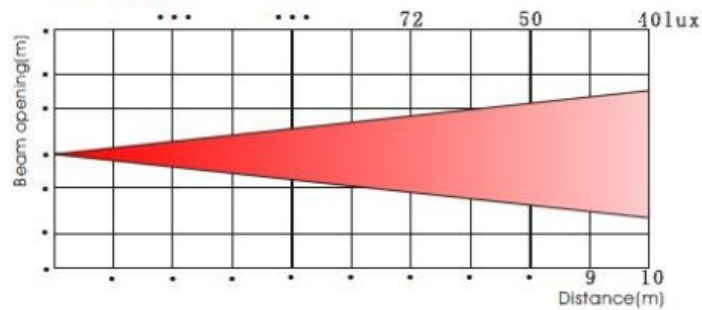
MovingHead Washlight+Zoom

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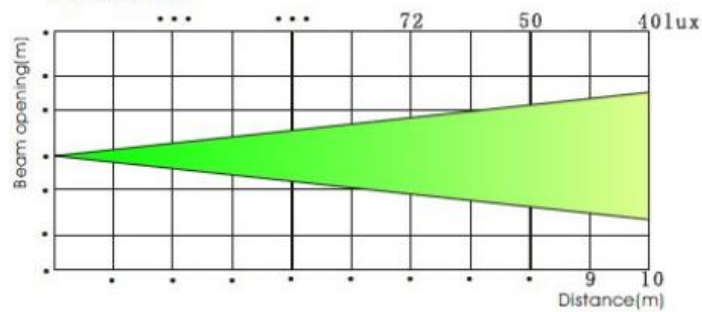
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Wave Beam

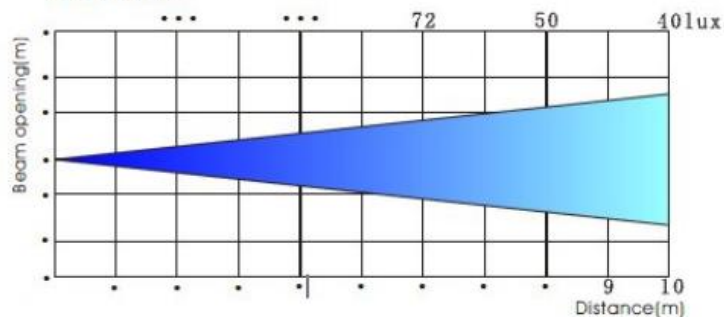
Red color



Green color



Blue color



Safety Instructions



CAUTION!

Be careful with your operations, With a dangerous voltage you can suffer a dangerous electric shock when touching wires!

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.



Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems

If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature. This device falls under protection-class I. Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

The device shall only be used with rate voltage and frequency.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it.

Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Operation Instructions

- The moving head is an LED wash light for onsite decoration purpose.
- Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.
- This light should be keep away from strong shaking during any transportation or movement.
- Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
- Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.
- Make sure the installation place is in good safety condition before installing the fixture.
- Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
- Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.
- Make sure the fixture is operated by qualified personnel who knows the fixture before using.
- Keep the original packages if any second shipment is needed.
- Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
- It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.

Technical Specifications

- 36PCS 10W RGBW high power LEDs
- 60.000hours lifespan and low power consumption
- 8 bit smooth resolution for PAN/TILT movement
- 540°/360° pan and 270° tilt movement
- Scan position memory, auto reposition after unexpected movement
- RGBW color mixing system
- LED shutter
- LED dimming
- LED rainbow effect
- Macros effect - 15 kinds of colors
- Strobe effect with 18 flashes per second and pulse effect
- General dimming and blackout for all four colors
- 14 DMX channels
- DMX512, master-slave and sound activated controllable or auto operation
- Blue background LCD display
- Input Voltage: AC90-260V 50-60Hz
- LED Quantities: 36pcs 10W 4 in 1 RGBW LEDs
- Control Signal: DMX512, master-slave and sound activated or auto operation

- Power Consumption: 360W/ 380W(max)
- Dimensions: 350x260x350mm
- Packing Dimensions: 395x320x460mm
- Net Weight: 9,5kg
- Gross Weight: 11kgs

Function	Address Channel Value Set to Slave Auto Programm Music Control	001 - 512 PAN ... Slave Master-Auto / Alone-Auto Master-Music / Alone-Music	change address show each value receive position from master auto run mode sound triggered auto run
Information	Temp Inf Soft Inf	Head Temperature Software Version	current temperature actually used software version
Person	Status Settings Fans Control Display Settings Reset Default	Pan Reverse Tilt Reverse P-Degree Feedback Movement Speed Mic Sensitivity Auto Speed / High Speed Shutoff ON / OFF	pan scan position tilt scan opposition scan angle select scan if the measuring dish play apart or not scan mode select scan mode select mic sensitivity dynamic controlled or high speed show close delay time reload of all factory preset parameters
Reset	Reset All		reset the light
Adjust	Calibrate Values	Password PAN TILT	Channels data calibration code: 050 PAN channel data calibration TILT channel data calibration

Please Note:

The unit does not respond to sound, if it is too quiet or too high pitched

DMX Channel chart – for DMX Channels and their special values

Channel	Value	Function
1	0 - 255	PAN Movement (8 bit)
2	0 - 255	PAN Fine Control of PAN Movement 16 bit
3	0 - 255	TILT Movement (8 bit)
4	0 - 255	TILT Fine Control of TILT Movement 16 bit
5	0 - 255	Red LEDs: 0 (Off) – 255 (100%) Red
6	0 - 255	Green LEDs: 0 (Off) – 255 (100%) Green
7	0 - 255	Blue LEDs: 0 (Off) – 255 (100%) Blue
8	0 - 255	White LEDs: 0 (Off) – 255 (100%) White
9	0 - 31 32 - 63 64 - 95 96 - 127 128 - 159 160 - 191 192 - 223 224 - 255	Shutter – Strobe – Pulse: LEDs turn off LEDs turn on Strobe effect slow to fast LEDs turn on Pulse effect in sequences (slow to fast) LEDs turn on Random Strobe effect slow to fast LEDs turn on
10	0 - 255	Dimmer intensity: 0 (Off) – 255 (100%)
11	0 - 4 5 - 29 30 - 54 55 - 79 80 - 104 105 - 129 130 - 154 155 - 174 175 - 179 180 - 184 185 - 189 190 - 194 195 - 200 201 - 204 205 - 210 211 - 255	Static Colours – Rainbow effect: No function R - Red G - Green B - Blue W - White Yellow Light Blue Light Lavender Pink Dark Pink Light Pink WhitePink WhiteGreen WhiteLavender SnowWhite Crossfading Colours – dark-colour-dark - from slow to fast
12	0 - 255	Zoom movement from wash to spot
13	0 - 225 226 - 255	Maximum to minimum speed (PAN / TILT) except internal programs CH 14 No function
14	0 - 85 86 - 89 90 - 99 100 - 119 120 - 139 140 - 159 160 - 179 180 - 199 200 - 219 220 - 239 240 - 255	Normal Scan Motor Reset No function Internal programm 1 (scene 1-8 of EEPROM) Internal programm 2 (scene 9-16 of EEPROM) Internal programm 3 (scene 17-24 of EEPROM) Internal programm 4 (scene 25-32 of EEPROM) Internal programm 5 (scene 33-40 of EEPROM) Internal programm 6 (scene 41-48 of EEPROM) Internal programm 7 (scene 49-56 of EEPROM) Music Control (scene of Internal programm 1)