

AQUA LED 4000-W Framing

Model: PR-8159

RoHS | CE | DMX | LED | $10m$ | IP66 | T_c80°C | T_a45°C |

Version: 20260415

Moving Heads



AQUA LED 4000-W FRAMING is a moving head light using 1800W white LED engine as its light source. The LED light source is green and environmentally friendly and has long lifespan, very intensive and high quality beam with very good color rendition and both Ra and R9 above 95 for high CRI version.

It has multiple innovative technologies like continually rotating framing module, linear CTO (1800K-6500K), calibration for brightness uniformity, color macros included in standard LEE color chart, multiple dimmer modes, quiet operation and etc., realizing professional and fantastic stage effects.

IP66, LED, Framing



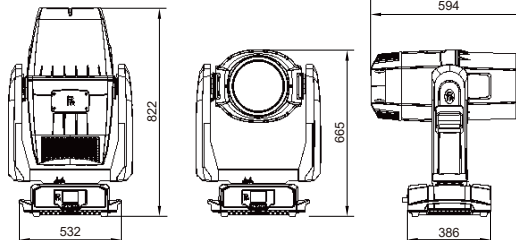
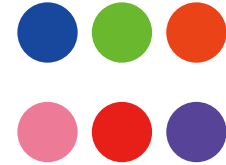
Fixed gobos (Ø32mm, image Ø25mm)



Rotating gobos (Ø32mm, image Ø24mm)



Color wheel



57Kg
Size(mm)

Specifications

- Input Voltages
200V-240V AC, 50/60Hz
- Input Power
2100W@220V
Power factor: PF>0.95
- Light Source
Lamp 1800W, LED white (8000K, >20000hrs)
CRI: Ra ≥ 70, Optional: Ra ≥ 95, R9 ≥ 95
- Colors
CMY linear coloring mixing system with macros
1 Color Wheel
6 exchangeable colors+ open
Half color effect, Stepping/linear colors
Bi-directional color rainbow effect with variable speeds
- CTO
Linear CTO system(0-100%), (1800K-6500K)
- Framing
Framing module: 4 framing blades
to make graphics with different sizes and shapes, each blade to make full curtain effect
Bi-directional continual rotation for the whole module
- Gobos
1 rotating gobo wheel: 6 exchangeable+ open glass/metal gobos
Bi-directional rotation, indexing, shake with varied speeds and bi-directional scrolling with varied speeds
1 fixed gobo wheel
7 exchangeable gobos+ open
Shake effect with varied speeds and bi-directional rotation with varied speeds
- Effect Wheel
1 animation effect wheel
bi-directional rotation with varied speeds
- Iris
Linear iris 5-100% with macros
- Prism
1pc of 4-facet circular prism
bi-directional rotation with varied speeds with indexing function
- Frost
2 frost filter
1 heavy frost+1 light frost (0-100% linear)
- Beam Angle
Linear zoom 5° ~ 56° with 16 bit precision
- Focus
DMX linear focus
- Dimmer
Linear electronic dimmer 0-100% with 16 bit control
3 dimmer speeds
5 dimmer gamma curves
Dimmer frequency(1.2K-25K)
- Strobe
Electronic strobe, 0.3~25 F.P.S with options for synchronous and asynchronous random strobes
- Head Movement
Pan 540°, Tilt 270°
with auto position correction and 16 bit control
- Advance macros
Color temperature macros: 2700K、3000K、3500K、4000K、4500K、5000K、5700K
Color macros: 89 colors
- Fan mode
Standard mode and theatre mode
Theatre mode is quiet mode
- Brightness calibration
Brightness calibration function to calibrate initial brightness of a fixture or some fixtures in a DMX chain and store the brightness value in the fixture/fixtures
- CRI mode
For high CRI version fixtures, activation of high CRI mode by control channel for high CRI beam while dimming
- Control
International standard DMX512 signal with 5-pin DMX512 interfaces, RDM protocol
ArtNet protocol(optional)
40 channels in short mode, 45 channels in standard mode, 59 channels in extended mode
Master/Slave synchronized control mode
Standalone mode
- Other Functions
Pan and Tilt speeds adjustable
Pan and Tilt swappable and invertible
Display of fixture and lamp hours, and software versions
Smart fan cooling system
Error diagnostic system with sensors
Display of fixture hours and software versions
Modular construction for easy maintenance
Isolated input signals
ArtNet interfaces(optional)
DMX wireless receiver
DMX wireless transmitter(optional)
- Housing And Ingression Protection
High tensile cast aluminum
high temperature Engineering plastics, IP66
- Working Temperature
Working temperature 45°C at maximum
Note: if the ambient temperature is below -20°C reset it after preheating it more than 30 min
- Weight
Net weight 57Kg