

XRLED 4000-W Framing

Model: PR-8154

RoHS | CE | WDMX | LED | 10m | IP20 | T_c65°C | T_a45°C |

Version:20260727



XRLED 4000-W Framing is a moving head Framing fixture using 1800 W white LED engine as its light source. It has highly performing and branded light source and big and highly efficient optical lens, having beam angle(6°-54°) and both Ra and R9 above 95 for very good color rendition. It has our multiple innovative technologies like continually rotating framing module, linear color temperature(1800-6500K), brightness uniformity calibration, standard LEE color macros, auto-focusing, multiple dimmer modes, very low noise and etc., realizing more professional and fantastic stage effects. It can be used for TV studios, theatres, performing stages, big performance events and other avenues.

1800W LED, Framing



Fixed gobos(Ø32mm, image Ø25mm)



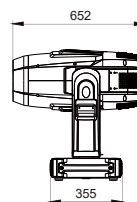
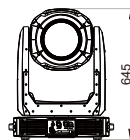
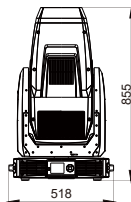
Rotating gobos(Ø32mm, image Ø25mm)



Color wheel 1



Color wheel 2



47.8Kg
Size(mm)

Specifications

- Input Voltages
100V-240V AC, 50/60Hz

- Input Power
2100W@220V
Power factor: PF>0.95
Current at maximum: 10.0A @ 220V

- Light Sources
1800W white LED module(8000K, Ra ≥ 95, R9 ≥ 95, ≥ 20000hrs)
(Optional highly bright version: Ra ≥ 70)

- Colors
CMY linear coloring mixing system with macros
2 Color Wheels
Color Wheels 1: Red, Green, Blue, Orange, Pink, Light cyan, + open
Color Wheels 2: Dark Red, Amber, Tea red, Apple green, Dark magenta, UV + open
Full color/half color/linear color
Bi-directional 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. Continual and bi-directional 360° rotation for the whole module

- Gobos
1 rotating gobo wheel: 6 exchangeable + open
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 + 1 pc of linear prism, bi-directional rotation with varied speeds with indexing function

- Frost
2 frost filters: 1 heavy frost filter + 1 light frost filter
(0-100% linear)

- Beam Angle
Linear zoom 6°- 54° with 16 bit precision

- Focus
Linear focus with auto-focus function

- 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 Hz
optional synchronized/ non-synchronized strobes

- Head Movement
Pan 540°, Tilt 270° with auto position correction and 16 bit control

- Advanced Macros
Color temperature macros:
optional 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 5700K
Standard color macros: 89 color options

- Fixture Types
Including moving head light, fixed-focus profile light, zoom profile light
Moving head light with beam angle range(6-54°)
Fixed focus profile light with beam angle options including 6°, 10°, 19°, 26°, 36°, 50°
Zoom profile light with beam angle ranges including 6-15°, 15-35°, 35-54°
(Note: Auto quiet theater mode for fixed focus profile light and zoom profile light)

- Fan Mode
Standard mode and theater modes. Theater mode is quiet mode

- Brightness Calibration Function
With brightness calibration function to calibrate initial brightness for a single fixture or multiple ones and store brightness values into the fixtures

- CRI mode
Running at high CRI mode via DMX channel to ensure high CRI optical effect

- Control
International standard DMX512 signal and RDM function
47 channels in short mode, 52 channels in standard mode, 67 channel in extended mode
Art Net protocol, sCAN protocol(optional), DMX512 wireless control

- Control Interface
DMX512 ports (5-pin)
Ethernet port RJ45

- Other Functions
Pan and Tilt speeds adjustable
Pan and Tilt swappable and invertible
High precision magnet sensor for positioning
3.2-inch touch color screen, Chinese and English menus, Screen automatic lock –up while standby
Error diagnostic system with sensors
Smart fan cooling system
Display of fixture hours and software versions
Modular construction for easy maintenance
Isolated input signals
Firmware update via DMX cable port

- Ip Rating
IP20

- Operation Temperature
45°C at Maximum

- Weight
Net weight 47.8 Kg

- Light output

