

# XRLED 4000-W Framing

Model: PR-8154

RoHS | CE | WDMX | LED | 10m | IP20 | T<sub>c</sub>65°C | T<sub>a</sub>45°C |

Version:20260528



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)



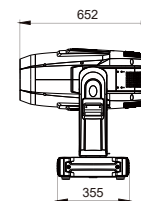
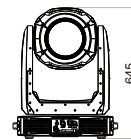
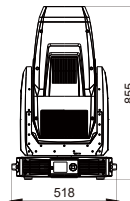
Rotating gobos(Ø32mm, image Ø25mm)



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 color 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°, 54°  
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

