

XRLED 2600-W BWSF

Model: PR-8184

WDMX | LED | 10m | IP20 | T_c75°C | T_a45°C |

Version: 20260604

LED Lighting



XRLED 2600-W BWSF(Four in One) is a moving head fixture with functions of Framing, Spot, Beam and Wash using 1000 W white LED engine as its light source. It has highly performing and branded light source with optical efficacy for the whole fixture at 60%, having high CRI and very intensive beam with its angle(5°-60°) 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.

1250W LED, BWSF



Rotating gobos



Fixed gobos

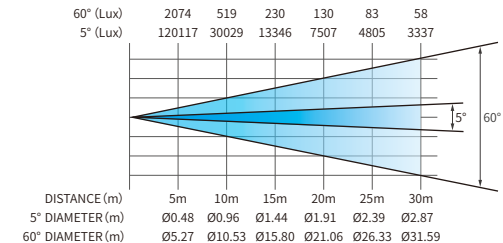
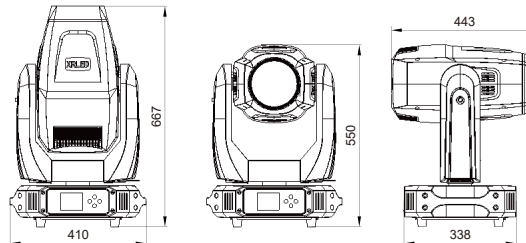


Color wheel



Light Output

High out mode: Ra ≥ 70



Specifications

- Input voltages
100V~240V AC, 50/60Hz
- Input Power
1250W @ 220V
- Light source
Power consumption : 1000W, White LED module
Color Temperature : 8000K
Manufacturers Rated Lamp Life : >20000hour
CRI : Ra ≥95, R9 ≥90 Optional high out version Ra ≥70
- Colors
CMY color mixing system with macros
1 Color wheel: 7colors+ Open,
Half color , bi-directional rainbow effect at variable speeds,
Stepping/linear color changing
- CTO
Linear CTO system(0-100%, 1800K-6500K)
- Framing
1 framing module : 4 framing blades for graphics of different sizes and shapes
Bi-directionally and continually (360°)rotating , each blade for full curtain effect
- Gobos wheel
1 Rotating gobo wheel: 8 Rotating Gobos + Open
Bi-directionally rotatable, and shakable at variable speeds
1 fixed gobo wheel:4 fixed Gobos +Open
Bi-directionally rotatable, and shakable at variable speeds
- Effect wheel
Bi-directional rotation at variable speeds
- IRIS
5-100% linear with macros
- Prism
1pc, 3-facet circular prism, bi-directional rotation at variable speeds with indexing function
- Frost
1 frost filter
0-100% linear
- Beam angle
5°~60°, linear with 16 bit control
- Focus
DMX linear with auto focus function
- Dimmer
Linear electronic dimmer 0-100% with 16 bit control
3 dimmer speeds
5 dimmer curves
Dimmer frequency(1.2K-25K) good for 4K high speed video camera
- Strobe
Electronic strobe 0.3~25 Hz, optional pulse, synchronized or non-synchronized strobe at slow, medium and fast speeds
- 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 based on standard color chart.
- Fixed type
Including moving head light, fixed-focus profile light, zoom profile light
Moving head light with beam angle range(5-60°)
Fixed focus profile light with beam angle options including :
5°,10°,19°,26°,36°,50°
Zoom profile light with beam angle ranges including :
5-15°,15-35°,35-60°
(Note: Auto quiet theater mode for fixed focus profile light and zoom profile light)
- Fan mode
Standard 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
40channels in short mode, 46channels in standard mode,59channel in extended mode
Art Net protocol(optional) , sACN protocol(optional), DMX512 wireless control
Master/Slave mode
Standalone mode
Master Mode
- Control Interface
DMX512 ports (5-pin)
Ethernet port RJ45
- Other Functions
Adjustable Pan & Tilt speeds
Pan and Tilt invertible and swappable
Light source's and fixture's hours displayed
LCD color Chinese/English screen, display invertible and touch keys
Intelligently controllable fans
Sensor diagnostic system
Input signal isolated
modular construction for easy maintenance
DMX channel voltages monitoring
Non-touchable magnetic sensor for positioning, signal feedback, absolute position memory, auto-positioning after power-off or DMX signal disruption
Firmware upgrade via DMX cable
Optional ethernet port
- Housing
High temperature ABS, IP20
- Net Weight
26.8Kg
- Ambient Temperature
Temperature at maximum 45°C