

XRLED 1600-W BWSF

Model: PR-8194

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

Version: 20250707

LED Lighting



XRLED 1600-W BWSF(Four in One) is a moving head fixture using 700W LED white engine as its light source. It has high-performance brand light source, brand new optical lens with efficacy more than 60%, beam angle(5°-60°), very intensive beam with high CRI(Ra ≥ 96) and very good color rendition. It uses our many innovative technologies like continually rotating framing system, linear color temperature(1800K-6500K), brightness calibration, colors based on standard LEE color chart, auto-focusing, multiple dimmer modes, very quiet running and etc..

700W LED, BWSF



Rotating gobos



Fixed gobos

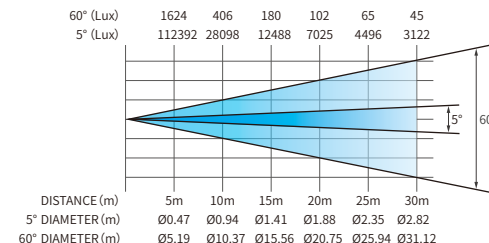
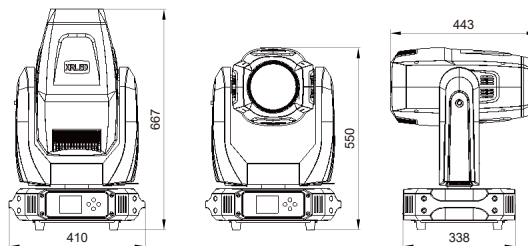


Color wheel



Light Output

Beam/Spot Mode



Specifications

- Input voltages
100V~240V AC, 50/60Hz
- Input Power
850W @ 220V
- Light source
700W, White LED module(6500K, 20000hour)
CRI : Ra ≥ 70(Optional Ra ≥ 96, Ra ≥ 95)
- 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
Framing Module continual rotation with many graphics of different sizes and shapes
4 Framing blades to make full curtain effect
- Gobos
1 Rotating gobo wheel: 8Rotating Gobos +Open
Bi-directionally rotatable, and shakable at variable speeds
1 fixed gobo wheel(optional):4 fixed Gobos +Open+effect
Bi-directionally rotatable, and shakable at variable speeds
- Animation Effect
Bi-directional Animation effect 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.
- Fixture types
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°,60°
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 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
40channels in short mode, 46channels in standard mode,59channel in extended mode
Art Net protocol(optional) , sACNprotocol(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
Lamp's and fixture's hours displayed
Color touch 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
24.2Kg
- Ambient Temperature
Temperature at maximum 45°C