XRLED 1600-W BWSF

Model: PR-8194

WDMX | LED | 10m | IP20 | Tc75°C | Ta45°C

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>90) 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..
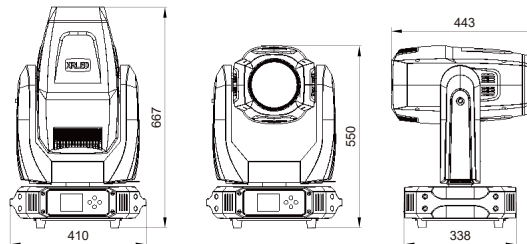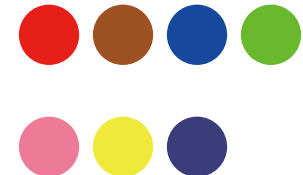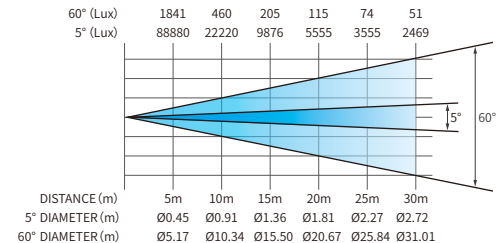
700W LED, BWSF 🔍

Rotating gobos

Fixed gobos

Color wheel

Light Output   Beam/Spot Mode

60° (Lux)	1841	460	205	115	74	51
5° (Lux)	88880	22220	9876	5555	3555	2469

5°   60°

DISTANCE (m)	5m	10m	15m	20m	25m	30m
5° DIAMETER (m)	Ø0.45	Ø0.91	Ø1.36	Ø1.81	Ø2.27	Ø2.72
60° DIAMETER (m)	Ø5.17	Ø10.34	Ø15.50	Ø20.67	Ø25.84	Ø31.01

443

667

550

410

338

Specifications

- **Input voltages**
  100V~240V AC, 50/60Hz

- **Input Power**
  950W @ 220V

- **Light source**
  700W, White LED module(6500K, 20000hour)
  CRI : 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
  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

- **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
  4 dimmer curves
  Dimmer frequency(1.2K-25K) good for 4K high speed video camera

- **Strobe**
  Electronic strobe 0.2~25 Hz, optional pulse, synchronized or non-synchronized strobe at slow, medium and fast speeds

- **Head movement**
  Pan 540º, Tilt 270º
  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 disrtuption
  Firmware upgrade via DMX cable
  Optional ethernet port

- **Housing**
  High temperature ABS, IP20

- **Net Weight**
  24.2Kg

- **Ambient Temperature**
  Temperature at maximum 45°C