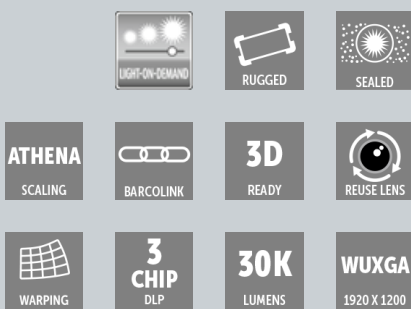


HDF-W30 FLEX

30,000 lumens, WUXGA, 3-chip DLP projector with standard FLEX brightness



- **Single Xenon lamp for ultimate color accuracy**
- **FLEX brightness as standard**
- **On-board ImagePRO technology for powerful scaling**
- **Wireless control and preview mode**

Thanks to its high light output, the HDF-W30 FLEX offers impressive performance for large venues - even when there's lots of ambient light. Designed for life on the road, the rugged and modular projector is easy to install and service. And when equipped with a rental frame, it can easily be stacked or rigged. Just like the RLM, HDX, HDF and FLM projector families, the HDF-W30 FLEX uses the TLD lens suite.

Stunning images for large screens

Geared with 3-chip DLP technology, single Xenon lamp illumination, and a high-contrast optical engine, the HDF-W30 FLEX makes no compromises on brightness, color accuracy, and stability. Its Xenon lamp color accuracy delivers the best performance required for premium large-screen projection. Plus, the projector's also equipped with Barco's cutting-edge ImagePRO technology for remarkable scaling power.

Choose your brightness

The HDF-W30 FLEX's most remarkable benefit is that it offers FLEX brightness as standard. In this way rental companies have the flexibility to tune the projector's brightness to a specific show - from 18,000 to 30,000 lumens in incremental steps of 2,000 lumens.

Low total cost of ownership

This projector produces its 30,000 lumens brightness with a single Xenon lamp. Compared to projectors with multiple lamps, managing the HDF-W30 FLEX is a breeze. Moreover, this not only makes it easier to align images during setup but servicing the projector and replacing the lamp also take less time - thus reducing total cost of ownership.

Ultra-bright, stunning images

- High-contrast 3-chip DLP™ engine



- WUXGA resolution (1,920 x 1,200)
- 30,000 center lumens
- Contrast ratio of 1,900:1
- Xenon illumination
- Standard FLEX brightness
- ImagePRO technology inside (Athena scaler)
- Dual-core warp engine

Built for the rental & staging industry

- Fully sealed optics
- Extended wireless control options
- 3D ready
- Preview mode on LCD display
- Removable lamp house, power supply & electronics
- Extended warping and blending
- DMX-512 control
- Native 3G HDSI/SDI input
- BarcoLink for progressive WUXGA 50/59.94/60 Hz signal distribution over a single BNC coax cable
- Low video delay (broadcast live events)
- Universal lamp house for all HDF projectors
- Easy to set up, install, service and transport thanks to modular design

Low total cost of ownership

- Geared with a single Xenon lamp for easy projector management, setup and servicing
- Sealed engine with constant image quality over time
- Customer can replace bulb
- Power-saving mode
- TLD lens suite that is fully compatible with the Barco RLM, HDX, HDF and FLM projector series

TECHNISCHE SPECIFICATIES**HDF-W30 FLEX**

| | |
|--|--|
| Projector type | WUXGA 3-chip DLP digital projector |
| Technology | 0.96" DMD™ x3 sealed DLP core |
| Resolution | 1,920 x 1,200 -16:10 aspect ratio |
| Brightness | 30,000 center lumens / 28,000 ANSI lumens* |
| Contrast ratio | 1,900:1 (standard) / 2,200:1 (high contrast mode) |
| Brightness uniformity | 90% |
| ScenergiX | Horizontal and vertical edge blending |
| Lenses | TLD+ 0.73:1 ; 1.2:1 ; 0.8-1.16 ; 1.16-1.5:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1 |
| Optical lens shift | V: -30% to +120% / H: -40% to +40% on zoom lenses (memorized) |
| Color correction | P7 |
| Lamps | 4.0 kW xenon |
| Lamp lifetime | 600 Hrs |
| Transport with lamp | Yes |
| Lamp house, quick replace | Yes |
| Customer bulb replace | Yes |
| Lamp warranty (field replace/ factory replace) | 90 days, 500 hours / pro rata 500 hours |
| Optical dowser | Standard |
| Picture-in-picture | Two sources simultaneously |
| Orientation | table -ceiling -side (portrait)* -vertical / * lamp door down/bottom |
| DMX 512 | standard |
| WARP | Direct adjust OSD + toolset |
| Image processing | Embedded warp & blend engine |
| Keystone correction | Yes |
| Integrated web server | Yes |
| CLO (constant light output) | Standard |
| 3D | Triple flash up to 200Hz/Optional: active eyewear, passive Infitec, passive circular |
| Inputs | DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink |

TECHNISCHE SPECIFICATIES**HDF-W30 FLEX**

| | |
|------------------------------------|--|
| Optional Inputs | 5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); DVI-I (HDCP including analog RGB YUV) + BarcoLink/SDI/HDSDI/Dual HDSDI/3G; 3D active input (HDMI/DisplayPort) feat. SENSIO 3D |
| Input resolutions | From NTSC up to QXGA (2,048 x 1,536) |
| Max. pixel clock | 200 MHz |
| Software tools | Projector Toolset + Android app + iOS app |
| Control | XLR wired + IR, RS232, Wifi, GSM (opt) |
| Network connection | 10/100 base-T, RJ-45 connection, Wifi (optional) |
| Power requirements | 200-240V / 50-60Hz |
| Max. power consumption | 4,800W / STBY < 10W |
| Noise level (typical at 25°C/77°F) | 60dB(A) |
| Operational ambient temperature | 0-40°C / 32°-104°F |
| Operational humidity | 0-80% (non condens) |
| Dissipation BTU | Max. 16,378 BTU/h |
| Dimensions (WxLxH) | 707 x 1,025 x 548mm / 27.83 x 40.35 x 21.57 inches |
| Shipping Dimensions | (LxWxH)1,200 x 980 x 760 mm / 47.24 x 38.58 x 29.92 inches |
| Weight | 99kg (218.25lbs)/shipping weight from factory: 151kg (333lbs) |
| Standard accessories | Power cord,wireless/XLR wired rugged remote control,bottom rigging kit/clamps |
| Certifications | UL60950-1 and EN60950-1,FCC rules & regulations,part 15 Class A and CE EN55022 Class A,RoHS |
| Warranty | 3 years standard, extendable up to 5 years |
| * | +/-10% |

Last updated: 10 Oct 2018

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.