

HDF-W30LP FLEX

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



- No more lamp replacements
- Increased uptime, reduced costs
- Ultimate installation flexibility, 24/7 operation

Thanks to its stunning brightness and laser phosphor light source, the HDF-W30LP FLEX projector delivers the ultimate performance that's required for premium large-screen projection while allowing you to save both time and money. Designed for venues and events, 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. If you already own a Barco HDF-W30 FLEX projector you can now replace your current lamp house with the unique laser phosphor retrofit module.

Stunning images for large screens

Geared with laser phosphor illumination the HDF-W30LP FLEX offers constant light output for long-term, worry-free operation while its 3-chip DLP technology delivers sensational colors. Plus, the projector's also equipped with Barco's cutting-edge ImagePRO technology for remarkable scaling power.

Considerable cost-savings

Did you know that the HDF-W30LP FLEX reduces operating costs with more than 50%? This projector enables you to increase uptime while driving costs down. Through its laser phosphor light source and advanced cooling design, it provides up to 30,000 hours of maintenance-free operating time - resulting in considerable cost-savings on maintenance and consumables.

Ultimate installation flexibility

This projector offers you more flexibility in projector location as it can run in any orientation. Through its standard FLEX brightness you can tune and lock the brightness level to a specific application - from 10,000 to 30,000 lumens in incremental steps. The cooling unit can be positioned up to 8m (26.25ft) away from the projector, so you can easily mount it on a truss. And just like the RLM, HDX, HDF, and FLM projector ranges, the HDF-W30LP FLEX uses the TLD lens suite.

PRODUCT SPECIFICATIONS**HDF-W30LP FLEX**

Projector type	WUXGA 3-chip DLP digital projector
Technology	0.96" DMD™ x3
Resolution	1,920 x 1,200
Brightness	30,000 center lumens / 28,000 ANSI lumens*
Contrast ratio	1,900:1 (standard) / 2,200:1 (high contrast mode)
Brightness uniformity	90%
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lenses	TLD 0.73:1 ; 1.2:1 ; 0.85-1.16:1; 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
Light source	laser phosphor
Light source lifetime	30,000 hrs
Optical dowser	Standard
Picture-in-picture	Two sources simultaneously
Sealed DLP™ core	standard
Orientation	table -ceiling -side (portrait)* -vertical
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 circular
Inputs	DVI-I (HDCP including analog RGB YUV), SDI/HDSDI/Dual HDSDI/3G/BarcoLink
Optional Inputs	5-BNC RGBHV (RGBS/RGSB, YUV CS/SOY, Composite video, S-Video); DVI-I (HDCP including analog RGB YUV) + Barco link/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	3,200W @ 230 volts / STBY less than 10W
Noise level (typical at 25°C/77°F)	50-56dB(A)
Operational ambient temperature	0-35°C / 32°-95°F
Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 10,918 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
*	+/-10%

Last updated: 27 Mar 2019

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