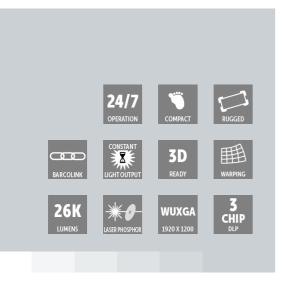
UDX-W26

26,000 lumens, WUXGA, 3-chip DLP laser phosphor large venue projector





- Stunning experiences thanks to high-brightness images
- Savings on installation and shipping time
- Laser phosphor light source for reduced costs
- 24/7 operation

The UDX range delivers stunning experiences and savings on installation and shipping time, reducing costs significantly. The most compact, high-brightness laser projectors with integrated cooling on the market bring reliable and razor-sharp 4K images to every type of event and venue.

The UDX-W26's WUXGA resolution and 26,000 lumens light output ensure flawless shows with accurate colors at all times. The Constant Light Output (CLO) also provides constant brightness and color over time. Users enjoy the widest color spectrum in the industry that matches the renowned Xenon quality and outperforms the Rec. 709 color space - without compromising on brightness.

Cut costs with laser projection

The laser phosphor light source reduces lamp-related costs, maintenance as well as image flicker. The result is a long lifetime and high reliability for minimal downtime, while compact and rugged design reduces shipping and labor costs. The modular components limit servicing time. You can also reuse your TLD+ lenses.

Faster processing for sharper images

The Barco Pulse 4K electronics offer an intuitive interface and flexible, user-friendly, embedded control software. Its Single Step Processing (SSP) allows for sharper images and less latency.



Projector type WUXGA 5-chip IDIP digital projector Technology 0.96 ° DMD™ x3 Resolution 1.920 x 1,200 Brightness 26,000 center lumens* 7,25,000 and lumens 7,28,000 ISO Contrast ratio 2,000.1 Brightness uniformity 95% Aspect ratio 16.10 ScenergIX Horizontal and vertical eage blending Lenses TLD+ 0.37.1,0.65-0.88.1;0.73.1,1.21.12.5-1.61.15-20.1;2.0-2.8.1;2.8-45.1;4.5-7.51.5.1 Optical lens shift Vertical between -100% to +130%, depending on lens Mortalized lens shift (with position memory on ITD lensed Mortalized lens shift (with position memory on ITD lensed Mortalized lens shift (with position memory on all lenses) Color correction 7 Uight source Laser phosphor with inorganic phosphor wheel Uight source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture I wo sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP pict adjust OSD+ toolset Inage processing Ernbedded warp 6 blend Keystone correction	PRODUCT SPECIFICATIONS	UDX-W26
Resolution 1,920 x 1,200 Brightness 26,000 center lumens* / 25,000 ansi lumens / 28,000 ISO Contrast ratio 2,000.1 Brightness uniformity 9% Aspect ratio 16:10 ScenergiX Horizontal and vertical edge blending Lenss ILD+ 0.371.0 66-0.851.0 731.121.125-161.15-201.20-2.81.28-451.45-7.51; 7.5-11.51 Optical lens shift Vertical between -100% to +130% depending on lens Horizontal up to +/-40%, depending on lens Horizontal up to +/-40% depending on lens Motorized zown and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp 6 blend Keystone correction Yes Lingle HDBS: HDMI2.0 (HDCP2.2, HDR10): DP 1.2 (HDCP 1.3); Quad 3C/12G SDI / BrocLink	Projector type	WUXGA 3-chip DLP digital projector
Brightness 26,000 center lumens* / 25,000 ansi lumens / 28,000 ISO Contrast ratio 2,000.1 Brightness uniformity 95% Aspect ratio 16.10 ScenergiX I lorizontal and vertical edge blending Lemes 1LD+ 0.3/1.0.66+-0.851.0./31.1.21.1.25+161.1.15-2.01.2.0-2.8.1.2.8-4.5.1.4.5-7.5.1.7.5.1.5.1.5.1 Optical lens shift Vertical between -1.00% to +1.30%, depending on lens Horizontal up to +1.40%, depending on lens Motorized lens shift (with position memory on ILD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Two sources simultaneously Sealed DLP™ core standard Orientation 36.0° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp 5 blend Keystone correction Yes Limbedded warp 5 blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional), 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP 2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Technology	0.96" DMD™ x3
Contrast ratio 2,000.1 Brightness uniformity 95% Aspect ratio 16.10 ScenergiX Horizontal and vertical edge blending Lenses TLD+ 0.37.1.0.65-0.85.1.0.73.1.1.21.1.25-1.61.1.15-2.01.2.0-2.8.1.2.8-4.5.1.4.5-7.51.7.5-11.5.1 Optical lens shift Vertical between -100% to +130%, depending on lens Horizontal up to +1-40%, depending on lens Horizontal up to -1-40%, dependi	Resolution	1,920 x 1,200
Aspect ratio 16.10 ScenergIX Horizontal and vertical edge blending Lenses TLD+ 0.37.1; 0.65-0.85.1; 0.75.1; 1.21; 1.25-1.61; 1.5-2.0.1; 2.0-2.81; 2.8-4.5.1; 4.5-7.5.1; 7.5-11.51 Optical lens shift Vertical between 10.0% to +13.0%, depending on lens Horizontal up to +I-40%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP TM core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp £ blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional), 2 (flash up to 200Hz* linputs Bright Fibre (Link) Plant (CPD 2.2, HDR10); DP 1.2 (HDCP 1.3), Quad 3G/12G SDI / Bercolink	Brightness	26,000 center lumens* / 25,000 ansi lumens / 28,000 ISO
Aspect ratio ScenergiX Horizontal and vertical edge blending Lenses TLD+ 0.37.1, 0.65-0.85.1, 0.73.1, 1.21.1, 1.25-1.61.1, 15-2.01, 2.0-2.81, 2.8-4.5.1, 4.5-7.51, 7.5-11.5.1 Optical lens shift Vertical between -100% to +130%, depending on lens Horizontal up to +1-40%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp 6 blend Keystone correction Yes Light source (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP.1.2 (HDCP1.3), Quad 3G/12G SDI / BarcoLink	Contrast ratio	2,000:1
ScenergiX Horizontal and vertical edge blending Lenses TLD+ 0.37;1 0.65-0.851; 0.73:1, 12:1, 125-1.61; 15-2.01; 2.0-2.81; 2.8-4.51; 4.5-7.51; 7.5-11.5:1 Optical lens shift Vertical between -100% to +130%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard WARP Direct adjust OSD + toolset Image processing Embedded warp & blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard Joint plant output Standard Joint plant plant output Standard Joint plant plant output Standard Joint plant p	Brightness uniformity	95%
Lenses TLD+ 0.37.1; 0.65-0.85.1; 0.73.1; 1.21.1; 1.25-1.6.1; 1.5-2.0.1; 2.0-2.81; 2.8-4.5.1; 4.5-7.5.1; 7.5-11.5.1 Optical lens shift Vertical between -100% to +1.30%, depending on lens Horizontal up to +1/-40%, depending on lens Motorized zoorm and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp & blend Keystone correction Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional), 2 flash up to 200Hz* Inputs Single HDBI; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Aspect ratio	16:10
Optical lens shift Vertical between -100% to +130%, depending on lens Horizontal up to 41-40%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses) Motorized zoom and focus (with lens memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard OMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp & blend Keystone correction Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBI; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	ScenergiX	Horizontal and vertical edge blending
Horizontal up to +/-40%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses) Motorized lens shift (with position memory on all lenses) Color correction P7 Light source Laser phosphor with inorganic phosphor wheel Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp 6 blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBI; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.5); Quad 3G/12G SDI / BarcoLink	Lenses	
Light source Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp ₺ blend Keystone correction Yes CLO (constant light output) Siandard Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink BarcoLink	Optical lens shift	Horizontal up to +/-40%, depending on lens Motorized zoom and focus (with lens memory on TLD lenses)
Light source lifetime 40,000 hrs Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp & blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Color correction	P7
Optical dowser Digital Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp θ blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional), 2 flash up to 200Hz* Inputs Single HDBt; HDMI2 0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Light source	Laser phosphor with inorganic phosphor wheel
Picture-by-picture Two sources simultaneously Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp & blend Keystone correction Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Light source lifetime	40,000 hrs
Sealed DLP™ core standard Orientation 360° DMX 512 standard WARP Direct adjust OSD + toolset Image processing Embedded warp δ blend Keystone correction Yes CLO (constant light output) Standard 3D Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Optical dowser	Digital
Orientation360°DMX 512standardWARPDirect adjust OSD + toolsetImage processingEmbedded warp & blendKeystone correctionYesIntegrated web serverYesCLO (constant light output)Standard3DActive eye wear (optional), passive circular (optional); 2 flash up to 200Hz*InputsSingle HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Picture-by-picture	Two sources simultaneously
DMX 512standardWARPDirect adjust OSD + toolsetImage processingEmbedded warp θ blendKeystone correctionYesIntegrated web serverYesCLO (constant light output)Standard3DActive eye wear (optional), passive circular (optional); 2 flash up to 200Hz*InputsSingle HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Sealed DLP™ core	standard
WARP Direct adjust OSD + toolset Image processing Embedded warp & blend Keystone correction Yes Integrated web server Yes CLO (constant light output) Standard Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Orientation	360°
Image processingEmbedded warp θ blendKeystone correctionYesIntegrated web serverYesCLO (constant light output)Standard3DActive eye wear (optional), passive circular (optional); 2 flash up to 200Hz*InputsSingle HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	DMX 512	standard
Keystone correctionYesIntegrated web serverYesCLO (constant light output)Standard3DActive eye wear (optional), passive circular (optional); 2 flash up to 200Hz*InputsSingle HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	WARP	Direct adjust OSD + toolset
Integrated web server CLO (constant light output) Standard Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMl2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Image processing	Embedded warp & blend
CLO (constant light output) Standard Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Inputs Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Keystone correction	Yes
Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz* Single HDBt; HDMI2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	Integrated web server	Yes
Inputs Single HDBt; HDMl2.0 (HDCP2.2, HDR10); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink	CLO (constant light output)	Standard
BarcoLink	3D	Active eye wear (optional), passive circular (optional); 2 flash up to 200Hz*
Optional Inputs Quad DP1.2	Inputs	
	Optional Inputs	Quad DP1.2

PRODUCT SPECIFICATIONS	UDX-W26
Input resolutions	From NTSC up to 4K (4,096 x 2,560) refresh rates: 24hz to 120hz 4K/4KUHD (4096 x 2160/ 3860 x 2400) to 240hz WQXGA (2560 x 1600)
Max. pixel clock	600 Mhz
Software tools	Projector Toolset + Android app* + iOS app*
Control	XLR wired + IR, RS232, Wifi (opt), GSM (opt)
Network connection	10/100 base-T, RJ-45 connection, Wifi (optional)*
Power requirements	120-160V (reduced power)/ 200-240V (+/-10%), 20A, 50-60Hz (reduced power on 110v)
Max. power consumption	2,450W nom/2,650W max. / STBY less than 10W
Noise level (typical at 25°C/77°F)	52dB(A)
Operational ambient temperature	0°-40°C/ 32°-104°F (45°C reduced power)
Operational humidity	0-80% (non condens)
Dissipation BTU	Max. 8,342 BTU/h
Dimensions (WxLxH)	660 x 830 x 350 mm (25.98 x 32.67 x 13.77")
Shipping Dimensions	(WxLxH) 800 x 1,200 x 685 mm (31.49 x 47.24 x 26.96")
Weight	92kg (202 lbs)/shipping weight from factory: 110kg (242 lbs)
Standard accessories	Power cord, wireless/XLR wired rugged remote control
Certifications	TBD
Warranty	3 years
*	Software upgradeable, please contact your local authorized Barco sales representative

Last updated: 04 Nov 2019

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

