# **XDL-4K30**

30,000 lumens, 4K, 3-chip DLP RGB laser large venue projector



- Stunning experiences thanks to bright 4K images in REC 2020 colors
- Low total cost of ownership thanks to laser light source and brightness levels
- Reduced installation time through zero alignment

The XDL-4K30 boasts 30,000 lumens brightness with extraordinary colors. For bigger screens, more pixels, more impact. Plus incredible RGB laser performance, signal flexibility up to a comfortable 120 Hz, and no alignment.

## **Images that speak**

Offer visitors crisper, more realistic contrast for greater impact with images of breathtaking depth thanks to their native 4K resolution up to 120Hz.

### **Cost-saving design**

Want to drive down your cost-per-lumen? A single XDL is the answer. Their RGB laser light source slash image flicker and lamp-related costs and maintenance (such as lamp replacements). Compared to xenon projectors, the XDLs also consume 40% less power - and you can re-use your existing Barco XLD+ lenses. Truly reliable, expect a lifetime of up to 20,000 hours with minimum downtime.

## Easy to set up and use

Installing one projector is always easier than having to install several. It means less equipment to transport and set up – and fewer possible points of failure. XDL speeds up installation by reducing alignment time. The projectors provide an exceptional lens shift of up to 100% so you can install them anywhere you like. You can also easily match images to your projection surface using on-board real-time warping and blending.

#### 3D that really stands out

Get the absolute most impact with superb 3D performance based on color separation using twin wavelengths and a more effective use of light. Forget the issue of ghosting – there is none. And project onto white rather than silver screens.



Projector type     Native 4K 3 chip DLP digital projector up to 120 Hz       Technology     13E DAD™ x3       Resolution     4096 x2160       Bightness     Up to 280000 came furners using 11Clences/ Up to 30 0001 came furners using 11P lences.       Native contrast ratio     2600 1 (type) call (tamp 14C lences) / 500 1 ANS: contrast (type) all (2000 1 dype) call using HE lences / 460 1 1541 65, 135-186, 146-210, 165-263, 200-359 / HB. XB D 08, 146-22.50.28       Optical lens shift     V - 100% (n + 100% / H = /-40% Gens dependent)       Uph source     Direct coupled RGB laters 6P       Light source     Direct coupled RGB laters 6P       Color correction     P7       Optical dens shift     V - 100% (n + 100% / H = /-40% Gens dependent)       Light source     Sandard       Orientation     TBL 65 + Up and 30P downwards. [Notation - 20 degrees (=Portraul)       Sated DLPM core     darchard       Imputs     Sandard       Imput resolutions     From 1004 1080; HDM 2.0 (HD 2.0 (HD 2.2), DP 1.2 (HD 2.1 3); Ouad SD(HDSD)/dual (1050/HSGL)/dual (1	PRODUCT SPECIFICATIONS	XDL-4K30
Resolution     4,096 x 2160       Brightness     Up to 28,000 center lumens using HC lenses / Up to 28,000 center lumens using HE lenses / 4800 typical using HC lenses / 1001 ANSI contrast typical [20001 typical using HE lenses / 4800 typical using HC lenses / 1001 ANSI contrast typical [20001 typical using HE lenses / 4800 typical using HC lenses / 1001 ANSI contrast typical [20001 typical using HE lenses / 4800 typical using HC lenses / 1001 ANSI contrast typical [20001 typical using HE lenses / 4800 typical using HC lenses / 4800 ty	Projector type	Native 4K 3-chip DLP digital projector up to 120 Hz
Brightness     Up to 28,000 center lument using HC lenses / Up to 30,000 center lument using HB lenses.       Native contrast ratio     2.8001 (typical) using HC lenses / 5001 AMS contrast (typical) 12,0001 (typical) using HB lenses)/ 4501 AMS contrast (typical)       Prime lenses     HC: 115165, 153-85, 146-210; 165-260, 2:00-335 / HB: XLD 0.8145-1818-24, 22-30; 26- 55, 53.8, 53.5       Optical lens shift     V -1003 to +1003 / H + /+4008 lines dependent)       Uph source     Direct couples RG Bl asnr 6P       Uph source lifetime     20,000 hrs*       Color correction     P7       Optical dowser     Standard       Orientation     TH 45* up and 30° downwards   Rokalion = 20 degrees / +90 degrees I=Portrail       Standard     Biotic DUP* core       Inputs     Stot 1: Dust IDBULG DP* 20, DP 12 (HDCP 13), Guad SDI/HDSDI/dust       Inputs     Stot 1: Dust IDBULG DP* 21, DP 12 (HDCP 13), Guad SDI/HDSDI/dust       Input resolutions     From NTSC up to 4K 14,006 x 2160 120 Hz       Picture-in-picture     Two sources amultaneously       CLO locentant light output)     Standard       SeenergX     Horizontal and verical edge blending, Direct adjust CSD + toolset       Image processing     Ernthedided warp 6 blend engine       Keyston connection     Y48	Technology	1.38° DMD™ x3
Native contrast ratio     2.800 1 (typical using HC lensed) 5500 1 ANSI contrast typical) 2.000 1 (typical using HB lensed) 7       Mative contrast typical     Holi 1 ANSI contrast typical)       Prime lenses     HC 1131-65, 135-136, 146-210, 165-2.60, 2.00-3.35 / HB. XI D 0.81 45-18, 18-24, 22-3.0, 2.8- 55.55-9.3       Optical lens shift     V. 1005 to 14026 / H. 1/-4026 (lens dependent)       Ught source     Direct coupled RGB lasers 6P       Ught source (lense)     20.000 hrs*       Color correction     P7       Optical dowser     Standard       Orientation     Til: 45* up and 30* downwards   Rotation - 20 degrees / +90 degrees  =Ponratio       Seled DLP** core     standard       Inputs     Stot: 1 Dual HDB; HDM: 20 (HDCP 22); DF 12 (HDCP 13); Duad SD/(HDSD//dual       Inputs     Stot: 1 Dual HDB; HDM: 20 (HDCP 22); DF 12 (HDCP 13); Duad SD/(HDSD//dual       Input resolutions     From NTSC up to 4K (4,906 x 2.001 20 Hz       Picture-in-picture     Two sources annutaneously       CLO (constant light output)     Standard       Integrated web server     Yes       Software tools     Projector Todste       Oriestat     Kill write H, R R232, WM, GSM (opt)       Network connection     10/100 base T, R4 250 connection, WM	Resolution	4,096 x 2,160
4501 AMS contrast lysical     Prime lenses   Sci.5.5.4.3     Optical lones shift   V.: 100% to : 100% / H. 1/ 40% liens decendent!     Light source   Direct coupled RGB lasers 6P     Light source illetime   20,000 hrx*     Color correction   P7     Optical downer   Standard     Orientation   Till 45° up and 30° downwards   Rotalion = 20 degrees / +90 degrees [=Portrail]     Sealed DLP** core   standard     Inputs   Sci.0.1 Dud HDBCH, HDM (2.0 (HDCP 2.2), DP 1.2 (HDCP 1.3), Quad SDI/HDSDI/dual HDSDI/G/BarcoLine   Sloi 2.0 uad DP 1.2     Inputs   From NTSC. up to 4K (4.096 x 2.160 120 Hz     Inputs   From NTSC. up to 4K (4.096 x 2.160 120 Hz     Inputs resolutions   From NTSC. up to 4K (4.096 x 2.160 120 Hz     Inputs resolutions   From NTSC. up to 4K (4.096 x 2.160 120 Hz     Inspected NM   Hortzontal and vertical edge blending. Direct adjust OSD + tootset     Image adve baserer   Yes     Software tools   Projector Toolset     Control   XLR wice + I.R. RS22, WII, GSM (op)     Network connection   10/100 baser, T.R.145 connection, WIG (optional)     Dimensions (WkLxH)   Projector 700 Kg (1.4400h) / Coller - 115Kg (-2500h)     Cooling liquid hose length	Brightness	Up to 28,000 center lumens using HC lenses / Up to 30,000 center lumens using HB lenses
5:53:58:5     Optical ters shift   V -100X / H - 1/-40X (tens dependent)     Light source Lifetime   20:000 hrs*     Color correction   F7     Optical dowser   Standard     Orientation   TH 45* up and 30* downwards   Rotation - 20 degrees / 490 degrees (=Portrait)     Sealed DLPM core   standard     Imputs   Stol 1: Dual H0B: H0M 2.0 H0CP 2.2; DP 12.0 H0CP 13; Ouad SDI/H0SDI/dual H0SDI/G0/BarcoLink   Six 2: Ouad DP12     Inputs   Form NTSC up to 4K (4.096 x 2150) 120 Hz     Picture-in-picture   Two sources simultaneously     CLO (constant light output)   Standard     Software tools   Projector Toolset     Control   XLR wired - IR, RS232, Will, GSM (opt)     Network connection   10/100 base-T, R3-45 connection; Will (optional)     Dimensions (WixLH)   Projector Toolset     Control   XLR wired - IR, RS232, Will, GSM (opt)     Network connection   10/100 base-T, R3-45 connection; Will (optional)     Dimensions (WixLH)   Projector Toolset     Control   XLR wired - IR, RS232, Will, GSM (opt)     Control   XLR wired - IR, RS232, Will, GSM (opt)     Control   XLR wired - IR, RS245 connection; Will (optional)     Di	Native contrast ratio	
Light source     Direct coupled RGB lasers 6P       Light source lifetime     20,000 hrs*       Color correction     P7       Optical dowser     Standard       Orientation     Till 45* up and 30* downwards   Rolation – 20 degrees / +90 degrees (-Portrail)       Sealed DLPM core     standard       Inputs     Soci 1: Dual HDBt; HDMi 2:0 (HDCP 2:2); DP 1:2 (HDCP 1:3); Quad SDI/HDSDI/dual       Inputs     Soci 1: Dual HDBt; HDMi 2:0 (HDCP 2:2); DP 1:2 (HDCP 1:3); Quad SDI/HDSDI/dual       Inputs     Soci 1: Dual HDBt; HDMi 2:0 (HDCP 2:2); DP 1:2 (HDCP 1:3); Quad SDI/HDSDI/dual       Input resolutions     From NTSC up to 4K (4:096 x:2; 160) 120 Hz       Pletture-in-picture     Two sources simulaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending; Direct adjust OSD + toolset       Image processing     Embedded warp b blend engine       Keyaton correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, R5252; Wift, GSM (opt)       Network connection     10/100 baser, R3:45 connection, Wift (optional)       Dimensions (WxLxH)     Projector: 200kg (-440kb / Chiller, -115kg (-250kb)       Cooling liqu	Prime lenses	
Light source lifetime     20,000 hrs*       Color correction     P7       Optical dowser     Standard       Orientation     Till 45° up and 30° downwards   Rotation – 20 degrees / +90 degrees (= Portrait)       Sealed DLP™ core     standard       Inputs     Stanl Joul HDBU HDBU HDMI 20 (HDCP 22): DP 12 (HDCP 13), Quad SDI/HDSDI/dual HDSDI/6G/BarcoLink   Slot 2: Quad DP12       Input resolutions     From NTSC up to 4K (4.096 × 2.160) 120 Hz       Picture-in-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending. Direct adjust OSD + toolset       Image processing     Embedded warp 8 blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR R5232, Wifi, CSM (opt)       Network connection     10/100 base-T, R-14.245 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions. 701 x 701 x 800 mm / 27.6 x 31.5 inches       Weight     Projector 7.200.6 (J-44.01b) / Chiller – 115kg (-250.b)       Cooling liquid hose length     2.5-51.0 (8.2-16.4-32.81)       Power requirements     Projector 200.6 (J-400.6 / 200.740.145 x 31.5 inches       Weight	Optical lens shift	V: -100% to +100% / H: +/-40% (lens dependent)
Color correction     P7       Optical dowser     Standard       Orientation     Till 45° up and 30° downwards   Rotation = 20 degrees / ±90 degrees (=Portrait)       Sealed DLP™ core     standard       Inputs     Stort 1 Dual HDBt, HDMI 2.0 (HDCP 2.2), DP 1.2 (HDCP 1.3), Cuad SDI/HDSDI/dual HDSDI/GG/BarcoLink [Stor 2 Cuad DP1.2       Input resolutions     From NTSC up to 4K (4.096 x 2.160) 120 Hz       Picture-in-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending, Direct adjust OSD + toolset       Image processing     Embedded warp 6 blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wifi, GSM (opt)       Network connection     10/100 base T, RJ-45 connection, Will (optional)       Dimensions (WXLH)     Projector: 7de x 1, 145 x 76 min / 29 3 x 72 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27 6 x 27 6 x 31 5 inches       Weight     Projector: 200x 9 (-440b) / Chiller - 115kg (-250b)       Cooling liquid hose length     2-5-50m (8-216435 50-60Hz 16A 3W+H+FE (Y connection) / Power cord size range: 4 sq mm rot to 5 ag mm. BAWG to BAWG / Circuit breaker range: 28 to 40A (200-2407 W+FE	Light source	Direct coupled RGB lasers 6P
Optical dowser     Standard       Orientation     Tilt 45* up and 30* downwards   Rotation – 20 degrees / +90 degrees (=Portrait)       Sealed DLP™ core     standard       Inputs     Slot 1 Dual HDBt, HDMI 20 HDCP 22); DP 12 (HDCP 13); Ouad SDI/HDSDI/dual HDSDI/GUBArcoLink   Slot 2: Ouad DP12       Input resolutions     From NTSC up to 4K (4.096 x 2160) 120 Hz       Picture-in-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending, Direct adjust OSD + toolset       Image processing     Embedded warp b blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wifi, GSM (opt)       Network connection     11/100 base-T, R3-45 connection, Wifi (optional)       Dimensions (WXLxH)     Projector: 200kg (=440(b) / Chiller =115kg (=250(b))       Cooling liquid hose length     2:5-5-10m (8:2-16:4:32:810       Power requirements     Projector: 200kg (=440(b) / Chiller =15kg (-250(b))       Cooling liquid hose length     2:5-5:10m (8:2-16:4:32:810       Power requirements     Projector : 200kg (=440(b) / Chiller =15kg (-250(b))       Operational humidity     5:40% (non	Light source lifetime	20,000 hrs*
Orientation     Tilt 45" up and 30° downwards   Rotation – 20 degrees / +90 degrees (=Portrait)       Sealed DLP™ core     standard       Inputs     Slot 1. Dual HDB; HDM 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad SDI/HDSDI/dual HDSDI/66/BarcoLink   Slot 2: Quad DP1.2       Input resolutions     From NTSC up to 4K (4.096 x 2.160) 120 Hz       Picture-in-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending. Direct adjust OSD + toolset       Image processing     Embedded warp 6 blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wifi, GSM (opt)       Network connection     10/100 base-T, RJ-45 connection, Wifi (optional)       Dimensions (WxLKH)     Projector: 744 x 1.445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 2004g (-440lb) / Child115kg (-250lb)       Cooling liquid hose length     2-5.5 -10m (8.2 -16.4 -32.8 ft)       Power requirements     Projector: 2004g/446-45V 50-60Hz 16A 3W+N+PE ft connection / Power cord size range: 4 sq mm to 6 ag mm. T0AWG to 8AWG / Circuit breaker 40A Chillers, 200/4003 W+NE 16A, 22.5 sg mm (Y connection) / Power	Color correction	P7
Sealed DLP** core     standard       inputs     Slot 1: Dual HDBI; HDMI 2:0 (HDCP 2:2), DP 12 (HDCP 1:3), Guad SDI/HDSDI/dual HDSDI/6G/Barcolink   Slot 2: Quad DP1.2       input resolutions     From NTSC up to 4K (4,096 x 2.160) 120 Hz       Picture-in-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending, Direct adjust OSD + toolset       Image processing     Embedded warp & blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wifi, GSM (opt)       Network connection     10/100 base-T, R3-45 connection, Wifi (optional)       Dimensions (WXLKH)     Projector: 704 x 1444 x 706 mm / 22.6 x 27.6 x 31.5 inches       Weight     Projector: 200xg (-440lb / Chiller: -115kg (-250lb)       Cooling liquid hose length     2.5-510m (8.2-16.4-32.8ft)       Power requirements     Projector: 200-240/346-415V 50-50Hz 15A 3W+NHPE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25 ho 40.04 (200-2400 3W+PE 28A 50- 60Hz (K-connection) / Power cord size for sq mm, 8AWG / Circuit breaker range: 25 ho 40.02 / 30W+PE 28A 50- 60Hz (K-connection) / Power cord size for sq mm, 8AWG / Circuit breaker range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25 ho 40.02 / 30W+PE 28A 50- 60Hz (	Optical dowser	Standard
Inputs   Sint 1. Dual HDBt; HDM 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad SDI/HDSDI/dual HDSDI/6G/BarcoLink   Sint 2: Quad DP1.2     Input resolutions   From NTSC up to 4K (4,096 x 2,160) 120 Hz     Picture-in-picture   Two sources simultaneously     CLO (constant light output)   Standard     ScenergiX   Horizontal and vertical edge blending, Direct adjust OSD + toolset     Image processing   Embedded warp 5 blend engine     Keystone correction   Yes     Software tools   Projector Toolset     Control   XLR wired + IR, RS232, Wifi, GSM (opt)     Network connection   10/100 base-T, R3-45 connection, Wifi (optional)     Dimensions (WxLxH)   Projector: 744 x 1,445 x 706 mm / 29.3 x 56 9 x 2.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 15 inches     Weight   Projector: 200kg (-440b) / Chiller: ~115kg (-250b)     Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60H2 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG 1to 8AWG / Circuit breaker: 40A Chillers: 250/400V 3W+N+PE 16A, 25 sq mm (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG 1to 8AWG / Circuit breaker: 40A Chillers: 250/400V 3W+N+PE 16A, 25 sq mm (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG 1to 8AWG / Circuit breaker: 40A Chillers: 250/400V 3W+N+PE 16A, 25 sq mm (Y connection)	Orientation	Tilt 45° up and 30° downwards   Rotation – 20 degrees / +90 degrees (=Portrait)
HDSDI/GG/BarcoLink   Slot 2: Quad DP12       Input resolutions     From NTSC up to 4K (4,096 x 2,160) 120 Hz       Picture-in-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending, Direct adjust OSD + toolset       Image processing     Embedded warp 6 blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wif, GSM (opt)       Network connection     10/100 base-T, R3-45 connection, Wff (optional)       Dimensions (WxLxH)     Projector: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 200kg (-440lb) / Chiller: ~115kg (-250lb)       Cooling liquid hose length     2.5-5-10m (82-164-332.8ft)       Power requirements     Projector: 200-240/346-4155 50-60Hz 16A 3W+1+PE (Y connection) / Power cord size range: 4 s orm to 6 s g mm. 10AWG to BAWG (Circuit breaker range: 25A to 40A   200-2400 3W+PE 28A 50-60Hz (/k-connection) / Power cord size 6 s g mm, 8AWG / Circuit breaker. 40A Chillers : 200/400 3W+N+PE 16A, 2.5 s g mm (Y connection) / 208V / 3W+PE 28A 50-60Hz (/k-connection) / Power cord size 7.850/400 3W+N+PE 16A, 2.5 s g mm (Y connection) or 208V / 3W+PE 28A 50-60Hz (/k-connection) / Power cord size 6 s g mm, 8AWG / Circuit breaker. 40A Chiller : 200/400 3W+N+PE 16A, 2.5 s g mm (Y connection) or 208V / 3W+PE 28A 50-60Hz (/k-connection) / Power cord size 6 s	Sealed DLP™ core	standard
Picture-In-picture     Two sources simultaneously       CLO (constant light output)     Standard       ScenergiX     Horizontal and vertical edge blending, Direct adjust OSD + toolset       Image processing     Embedded warp 6 blend engine       Keystone correction     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wifi, GSM (opt)       Network connection     10/100 base-T, RJ-45 connection, Wifi (optional)       Dimensions (WxLxH)     Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 24.4 x 1,445 x 706 Mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 2004g (-440lb) / Chiller: -115kg (-250lb)       Cooling liquid hose length     2.5-5-10 m (8.2-16.4-32.8ft)       Power requirements     Projector: 200-240/346-415V 50-60Hz 15A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm: 10.6 sq mm; 10.4WG to 8AWG / Circuit breaker range: 25A to 40.A   200-240V 3W+PE 28A 50-60Hz 16A, 25.8 q mm (Y connection) / Power cord size (54.9 m (Y connection) or 208V / 3W+PE (A-connection) / Max, 16A per phase       Ambient temp	Inputs	
CLO (constant light output)   Standard     ScenergiX   Horizontal and vertical edge blending, Direct adjust OSD + toolset     Image processing   Embedded warp & blend engine     Keystone correction   Yes     Software tools   Projector Toolset     Control   XLR wired + IR, RS232, Wifi, GSM (opt)     Network connection   10/1300 base-T, R3-45 connection, Wifi (optional)     Dimensions (WxLxH)   Projector: 744 x 1.445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches     Weight   Projector: 200kg (-440lb) / Chiller: ~115kg (~250lb)     Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8(t)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 8MWG / Circuit breaker range: 25A to 40A (200-240V 3W+PE 22A 50-60Hz (1/c-connection) / Power cord size range: 4 sq mm to 6 sg mm, 10AWG to BAWG / Circuit breaker range: 25A to 40A (200-240V 3W+PE 22A 50-60Hz (1/c-connection) / Power cord size range: 4 sq mm to 6 sg mm, 10AWG to Paw/B C/ Circuit breaker: 40A     Chillers: 230/400V 3W+N+PE 16A, 25 sq mm (Y connection) / Power cord size range: 4 sq mm to 6 sg mm, 8MWG / Circuit breaker: 40A     Chillers: 610(1)   Power issee: 6 sq mm, 8MWG / Circuit breaker: 40A     Chillers: 230/400V 3W+N+PE 16A, 25 sq mm (Y connection) / Max. 16A per phase     Ambient t	Input resolutions	From NTSC up to 4K (4,096 x 2,160) 120 Hz
ScenergiX   Horizontal and vertical edge blending, Direct adjust OSD + toolset     Image processing   Embedded warp & blend engine     Keystone correction   Yes     Integrated web server   Yes     Software tools   Projector Toolset     Control   XLR wired + IR, R5232, Wifi, GSM (opt)     Network connection   10/100 base-T, RJ-45 connection, Wifi (optional)     Dimensions (WxLxH)   Projector: 744 x 1,445 x 706 mm / 29 3 x 56 9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches     Weight   Projector: 200kg (-440lb) / Chiller: ~115kg (~250lb)     Cooling liquid hose length   2.5-5-10m (8 2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG //crutu breaker range: 25A to 40A   200-240/3 W+PE 28A 50-60Hz (/ <connection) (="" (y="" -connection)="" 16a="" 16a,="" 2.5="" 208v="" 230="" 3w+n+pe="" 3w+pe="" 400v="" 40a="" 6="" 8awg="" breaker:="" chillers:="" connection)="" cord="" crutu="" max="" mm="" mm,="" or="" per="" phase<="" power="" size:="" sq="" td="">     Ambient temperature   10-35*C (95*F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector (2 full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers: g full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     Cohilders: g fu</connection)>	Picture-in-picture	Two sources simultaneously
Image processing     Embedded warp & blend engine       Keystone correction     Yes       Integrated web server     Yes       Software tools     Projector Toolset       Control     XLR wired + IR, RS232, Wifi, GSM (opt)       Network connection     10/100 base-T, R3-45 connection, Wifi (optional)       Dimensions (WXLXH)     Projector: 744 x 1,445 x706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 200kg (-440lb) / Chiller: ~115kg (-250lb)       Cooling liquid hose length     2.5-5-10m (8.2-16.4-32.8ft)       Power requirements     Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm. 10AWG to 8AWG / Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 201/400V 3W+HF 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 200-400 xW+HF 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 200-400 XW+HF 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 200-400 XW+HF 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 200-400 XW+HF 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 200-400 XW+HF 28A 50-60Hz (0,-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 6 sq mm (S 6 sq mm (Y connection) or 208V	CLO (constant light output)	Standard
Keystone correction   Yes     Integrated web server   Yes     Software tools   Projector Toolset     Control   XLR wired + IR, RS232, Wifi, GSM (opt)     Network connection   10/100 base-T, RJ-45 connection, Wifi (optional)     Dimensions (WXLXH)   Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches     Weight   Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)     Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50-60Hz (16A, -25.5 sq mm, 0.4WG W) 200-240V 3W+PE 28A 50-60Hz (h-connection) / Power cord size. 6 sq mm, 8AWG / Circuit breaker. 40A Chilters: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (A-connection) / Max. 16A per phase     Ambient temperature   10-35°C (95°F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector (B full laser power: 3.5 kW (2D or Polarization 3D) / 1.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 3.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     Safety class   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation sy	ScenergiX	Horizontal and vertical edge blending, Direct adjust OSD + toolset
Integrated web server   Yes     Software tools   Projector Toolset     Control   XLR wired + IR, R\$232, Wifi, GSM (opt)     Network connection   10/100 base-T, RJ-45 connection, Wifi (optional)     Dimensions (WxLxH)   Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches     Weight   Projector: 200kg (-440lb) / Chiller. ~115kg (~250lb)     Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range. 25A to 40A   200-240V 3W+PE 28A 50-60Hz (A-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker range. 25A to 40A   200-240V 3W+PE 28A 50-60Hz (A-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker. 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (A-connection) / Max. 16A per phase     Ambient temperature   10-35°C (95°F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector (a full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW	Image processing	Embedded warp & blend engine
Software tools     Projector Toolset       Control     XLR wired + IR, R5232, Wifi, GSM (opt)       Network connection     10/100 base-T, RJ-45 connection, Wifi (optional)       Dimensions (WxLxH)     Projector: 744 x 1.445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)       Cooling liquid hose length     2.5-5-10m (8.2-16.4-32.8ft)       Power requirements     Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker: A0A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE 28A 50-60Hz / Connection) / Power cord size: 300/200 / 3W+PE 28A 50-60Hz / Connection) / Power cord size: 300/200 / 3W+PE 28A 50-60Hz / Connection) / Power cord size: 5 sq mm, 8WG / Circuit breaker: A0A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max. 16A per phase       Ambient temperature     10-35°C (95°F) Max. (projector and chillers)       Operational humidity     5-80% (non condens)       Power consumption     Projector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)       Sol systems     Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems </td <td>Keystone correction</td> <td>Yes</td>	Keystone correction	Yes
Control   XLR wired + IR, RS232, Wifi, GSM (opt)     Network connection   10/100 base-T, RJ-45 connection, Wifi (optional)     Dimensions (WxLxH)   Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches     Weight   Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)     Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50-60Hz (/\-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (AA Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max. 16A per phase     Ambient temperature   10-35°C (95°F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector (g full laser power: 3.5 kW (2D or Polarization 3D) / 1.0 kW (Barco Laser3D -6P) Chillers (g full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     Safety class   Class 1, RG3	Integrated web server	Yes
Network connection     10/100 base-T, RJ-45 connection, Wifi (optional)       Dimensions (WxLxH)     Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches       Weight     Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)       Cooling liquid hose length     2.5-5-10m (8.2-16.4-32.8ft)       Power requirements     Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50-60Hz (1-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/A-connection) / Max. 16A per phase       Ambient temperature     10-35°C (95°F) Max. (projector and chillers)       Operational humidity     5-80% (non condens)       Power consumption     Projector (@ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)       Safety class     Class 1, RG3	Software tools	Projector Toolset
Dimensions (WxLxH)   Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens) one chillers, with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches     Weight   Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)     Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25 A to 40A   200-240V 3W+PE 28A 50-60Hz (/-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/A-connection) / Max. 16A per phase     Ambient temperature   10-35°C (95°F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector @ full laser power: 3.5 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     3D systems   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems     Safety class   Class 1, RG3	Control	XLR wired + IR, RS232, Wifi, GSM (opt)
following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inchesWeightProjector: 200kg (~440lb) / Chiller: ~115kg (~250lb)Cooling liquid hose length2.5-5-10m (8.2-16.4-32.8ft)Power requirementsProjector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG /Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50- 60Hz (/\-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max. 16A per phaseAmbient temperature10-35°C (95°F) Max. (projector and chillers)Operational humidity5-80% (non condens)Power consumptionProjector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)3D systemsColor3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systemsSafety classClass 1, RG3	Network connection	10/100 base-T, RJ-45 connection, Wifi (optional)
Cooling liquid hose length   2.5-5-10m (8.2-16.4-32.8ft)     Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG /Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50- 60Hz (/\-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max. 16A per phase     Ambient temperature   10-35°C (95°F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     3D systems   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems     Safety class   Class 1, RG3	Dimensions (WxLxH)	
Power requirements   Projector: 200-240/346-415V 50-60Hz 16A 3W+N+PE (Y connection) / Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG / Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50-60Hz (/-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/-connection) / Max. 16A per phase     Ambient temperature   10-35°C (95°F) Max. (projector and chillers)     Operational humidity   5-80% (non condens)     Power consumption   Projector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     3D systems   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems     Safety class   Class 1, RG3	Weight	Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)
mm to 6 sq mm, 10AWG to 8AWG /Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50- 60Hz (/\-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max. 16A per phaseAmbient temperature10-35°C (95°F) Max. (projector and chillers)Operational humidity5-80% (non condens)Power consumptionProjector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D - 6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D - 6P)3D systemsColor3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systemsSafety classClass 1, RG3	Cooling liquid hose length	2.5-5-10m (8.2-16.4-32.8ft)
Operational humidity   5-80% (non condens)     Power consumption   Projector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D -6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D -6P)     3D systems   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems     Safety class   Class 1, RG3	Power requirements	mm to 6 sq mm, 10AWG to 8AWG /Circuit breaker range: 25A to 40A   200-240V 3W+PE 28A 50- 60Hz (/\-connection) / Power cord size: 6 sq mm, 8AWG / Circuit breaker: 40A Chillers: 230/400V 3W+N+PE 16A, 2.5 sq mm (Y connection) or 208V / 3W+PE (/\-connection) / Max.
Power consumption   Projector @ full laser power: 3.5 kW (2D or Polarization 3D) / 2.0 kW (Barco Laser3D - 6P) Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D - 6P)     3D systems   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems     Safety class   Class 1, RG3	Ambient temperature	10-35°C (95°F) Max. (projector and chillers)
Chillers @ full laser power: 2.0 kW (2D or Polarization 3D) / 1.6 kW (Barco Laser3D - 6P)     3D systems   Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems     Safety class   Class 1, RG3	Operational humidity	5-80% (non condens)
glasses systems / Polarization recuperation systems   Safety class   Class 1, RG3	Power consumption	
	3D systems	
Certifications CE; ETL/UL/FCC	Safety class	Class 1, RG3
	Certifications	CE; ETL/UL/FCC

**PRODUCT SPECIFICATIONS** 

\*Note

XDL-4K30

\*Less than 20% decrease during a runtime of 20,000 hrs

Last updated: 16 May 2018

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

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