

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.

TECHNISCHE SPECIFICATIES**XDL-4K30**

Type projector	Native 4K 3-chip DLP digital projector up to 120 Hz
Technologie	1.38" DMD™ x3
Resolutie	4,096 x 2,160
Helderheid	Up to 28,000 center lumens using HC lenses / Up to 30,000 center lumens using HB lenses 29,700 ansi lumen 33,400 ISO lumen
Native contrastverhouding	2,800:1 (typical using HC lenses) / 500:1 ANSI contrast (typical) 2,000:1 (typical using HB lenses) / 450:1 ANSI contrast (typical)
Primelenzen	HC: 1.13-1.72; 1.35-1.86; 1.46-2.10; 1.65-2.60; 2.00-3.35 / HB : XLD 0.8; 1.0 ; 1.45-1.8; 1.8-2.4; 2.2-3.0; 2.8-5.5; 5.5-8.5
Optische lensverschuiving	Vertical up to +/-100%, depending on lens Horizontal up to +/-32%, depending on lens Motorized zoom and focus with memory Motorized lens shift with memory
Lichtbron	Direct coupled RGB lasers 6P
Levensduur lichtbron	20,000 hrs* 30,000 hrs**
Kleurcorrectie	P7
Optische dowser	Standard
Oriëntatie	Tilt 45° up and 30° downwards Rotation – 20 degrees / +90 degrees (=Portrait)
Verzegelde DLP™-kern	standard
Ingangen	Slot 1 : Dual HDBt; HDMI 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink Slot 2: Quad DP1.2
Invoerresoluties	From NTSC up to 4K (4,096 x 2,160) 120 Hz refresh rates: 24hz to 120hz 4K/4KUHD (4096 x 2160/ 3860 x 2160)
Foto-na-foto	Two sources simultaneously
CLU (constante lichtuitvoer)	Standard
ScenergiX	Horizontal and vertical edge blending, Direct adjust OSD + toolset
Beeldverwerking	Embedded warp & blend engine
Trapeziumcorrectie	Yes
Geïntegreerde webserver	Yes
Softwaretools	Projector Toolset

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Controle	XLR wired + IR, RS232, Wifi (opt), GSM (opt)
Netwerkverbinding	10/100 base-T, RJ-45 connection, Wifi (optional)
Afmetingen (B x L x H)	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
Gewicht	Projector: 200kg (~440lb) / Chiller: ~115kg (~250lb)
Lengte koelvloeistofslang	2.5-5-10m (8.2-16.4-32.8ft)
Voedingsvereisten	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 (Λ-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 (Λ-connection) / Max. 16A per phase
Omgevingstemperatuur	10-35°C (95°F) Max. (projector and chillers)
Operationele vochtigheid	5-80% (non condens)
Energieverbruik	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-systemen	Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses / Active glasses systems / Polarization recuperation systems
Veiligheidsklasse	Class 1, RG3
Certificeringen	CE; ETL/UL/FCC
*Opmerking	*Less than 20% decrease during a runtime of 20,000 hrs **Less than 20% decrease during a runtime of 30,000 hrs when: -ambient temperature < 30°C (86°F) max (projector and chiller) -operational humidity < 75% (non condens)

Last updated: 18 Dec 2019

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