

XDL-4K30

30,000 流明、4K、三芯片 DLP RGB 三色激光大型会场投影机



- 亮丽的 REC 2020 色彩 4K 图像带来令人惊叹的体验
- 因采用激光光源和亮度水平，整体成本降低
- 通过零校准缩短了安装时间

XDL-4K30 可以提供 30,000 流明亮度，并且色彩表现出色。屏幕更大，像素更高，效果更佳。此外，还具备令人难以置信的 RGB 三色激光性能，信号灵活性达到舒适的 120 Hz，并且无需校准。

以图像质量说话

采用高达 120Hz 的原生 4K

分辨率，实现突破性的图像深度，为参观者提供更清晰、更真实的对比度，实现更大的影响力。

节省成本的设计

想要降低每流明的成本？那就选择 XDL。RGB

三色激光光源可以降低图像闪烁和灯泡相关的成本和维护（例如灯泡更换）。

与氙气投影机相比，XDL 的功耗降低了 40%，而且您还可以重新使用现有的巴可 XDL+ 镜头。出色的可靠性，预计使用寿命至少可达 20,000 小时。

易于设置和使用

安装一台投影机始终比安装多台投影机容易。这意味着运输和设置的设备更少 – 可能出现的故障点也会更少。XDL 通过缩短校准时间来加快安装。投影机提供高达 100% 的出色镜头转换，因此您可以随时将其安装在任何需要的地方。

还可以使用机载实时变形和融合轻松地将图像与投影表面相匹配。

出众的 3D 效果

基于双波长的分色和有效的光线使用，利用卓越的 3D 性能获得最大的影响力。再也不会出现重影的问题。投影机投影到白色幕布而不是银幕上。

技术规格**XDL-4K30**

Projector type	Native 4K 3-chip DLP digital projector up to 120 Hz
Technology	1.38" DMD™ x3
Resolution	4,096 x 2,160
Brightness	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 contrast ratio	2,800:1 (typical using HC lenses) / 500:1 ANSI contrast (typical) 2,000:1 (typical using HB lenses) / 450:1 ANSI contrast (typical)
Prime lenses	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
Optical lens shift	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
Light source	Direct coupled RGB lasers 6P
Light source lifetime	20,000 hrs* 30,000 hrs**
Color correction	P7
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 2.0 (HDCP 2.2); DP 1.2 (HDCP 1.3); Quad 3G/12G SDI / BarcoLink Slot 2: Quad DP1.2
Input resolutions	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)
Picture-by-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
Integrated web server	Yes
Software tools	Projector Toolset

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Control	XLR wired + IR, RS232, Wifi (opt), 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 (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
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
Certifications	CE; ETL/UL/FCC
*Note	*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)

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技术规格随时变化，不会事先通知。请访问www.barco.com，获取更新信息。

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