

# EVL-721

70" laser-phosphor-based rear-projection video walls



- **High brightness with 16:9 aspect ratio**
- **Low power design**
- **100.000 hrs lifetime in Eco mode**
- **Unique cooling system design that ensures longer laser lifetime**
- **Redundancy of laser light source**

Barco's EVL-721 rear-projection video wall is powered by a reliable laser-phosphor lighting source. Delivering stunning brightness levels (up to 920 cd/m<sup>2</sup>) and brilliant colors, the EVL-721 brings a highly valued viewing experience to control rooms. A very low total cost of ownership (TCO) not only limits the cost of energy, but also allows enterprises to lower their carbon footprint.

### Unmatched brightness levels

Providing much higher brightness than mainstream LED-lit rear-projection video walls, the EVL-721 removes all brightness issues of earlier video walls. The high luminance allows operation under daylight conditions, so control rooms can finally light up - which improves operator working conditions!

### Designed for a long lifetime

With the EVL-721, Barco again establishes its uniqueness in terms of reliability. With a lifetime of more than 100,000 hours in eco-mode, operations enjoy many years of uninterrupted 24/7 operations. Redundancy of the light source prevents unexpected downtime. The modular design allows easy servicing and replacement of components in the field, while the efficient cooling system ensures longer laser lifetime. Furthermore, the dust-proof design enables protection against dust, which further increases the lifetime of the projection engine. The superior low noise operation add to a pleasant working environment.

**Product specifications****EVL-721**

General specifications		
Resolution	Full HD (1920 x 1080 pixels)	
On-screen brightness (under native color gamut)	Mode	Brightness
	Boost	920 cd/m <sup>2</sup>
	Normal	800 cd/m <sup>2</sup>
	Eco	550 cd/m <sup>2</sup>
Screen	Mid-gain type, 180° viewing angle	
Color	Up to 127% REC709 color triangle	
Display technology	Rear projection DLP (rear access)	
Brightness uniformity	> 98%	
Screen gap	Adjustable down to 0.2 mm (depending on configuration and ambient temperature)	
Dimensions	Diagonal: 70" Width: 1,550 mm   61.02" Height: 872 mm   34.33"	
Light source	Redundant Laser banks	
Light source lifetime	> 100,000hrs in eco mode	
Noise Level	< 35 dB	
AC input voltage	100 – 240 VAC, 50-60Hz	
Power	Normal: 280 W Eco: 180 W	
Heat dissipation	Normal: 955 BTU/h Eco: 613 BTU/h	
Connectivity	Digital DVI-D (optional input redundancy)	
Signal processing	Cropping, scaling with wall configuration	
Graphical user interface	All settings and operational parameters	
Warranty	2 years	
Control	Via Ethernet	
Color stability	Built-in color sensor for color calibration	

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