

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/m²) 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 specificaties**EVL-721**

| General specifications | | |
|---|---|-----------------------|
| Resolutie | Full HD (1920 x 1080 pixels) | |
| Schermhelderheid (bij native kleurenspectrum) | Mode | Brightness |
| | Boost | 920 cd/m ² |
| | Normal | 800 cd/m ² |
| | Eco | 550 cd/m ² |
| Scherm | Mid-gain type, 180° viewing angle | |
| Kleur | Up to 127% REC709 color triangle | |
| Weergavetechnologie | Rear projection DLP (rear access) | |
| Helderheidsuniformiteit | > 98% | |
| Ruimte tussen schermen | Adjustable down to 0.2 mm (depending on configuration and ambient temperature) | |
| Afmetingen | Diagonal: 70" Width: 1,550 mm 61.02" Height: 872 mm 34.33" | |
| Lichtbron | Redundant Laser banks | |
| Levensduur lichtbron | > 100,000hrs in eco mode | |
| Geluidsniveau | < 35 dB | |
| Ingangsspanning (wisselstroom) | 100 – 240 VAC, 50-60Hz | |
| Vermogen | Normal: 280 W Eco: 180 W | |
| Warmtedissipatie | Normal: 955 BTU/h Eco: 613 BTU/h | |
| Connectiviteit | Digital DVI-D (optional input redundancy) | |
| Signaalverwerking | Cropping, scaling with wall configuration | |
| Grafische gebruikersinterface | All settings and operational parameters | |
| Garantie | 2 years | |
| Controle | Via Ethernet | |
| Kleurstabiliteit | Built-in color sensor for color calibration | |

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