

# OverView OLSF-721

Fully redundant 70" full HD 16:9 LED video wall with front access and 3D



Barco's OverView OLSF series LED-lit video walls with front access bring 3D to video walls. They are the first choice for 16:9 mission-critical control rooms that require a guaranteed uptime and the need to show stereoscopic images (using active shutter glasses). The modules' high level of redundancy, not only of the individual LEDs, but also of the LEDs' power supplies and even inputs, ensures nothing can go wrong, giving users the peace of mind they need. Featuring a structure that can be tailored to the requirements of the customer, the OverView OLSF series knows virtually no limits in size.

## Ultimate peace of mind

The OverView OLSF-721 video wall modules have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's unique liquid cooling system ensures lower LED temperature, resulting in longer LED lifetime (>80,000 hours in eco mode). Displaying the sharpest and most saturated colors in full HD resolution (1920x1080), the OverView OLSF-721 offers an ergonomically excellent viewing experience. The availability of alternative screen types makes sure you can adjust the video wall to your specific needs in terms of viewing angle and brightness.

## Always the most optimal picture

OverView OLSF series video walls come with Sense<sup>6</sup>, Barco's unique sensor technology that provides brightness and color stability over time and across the entire display. Sense<sup>6</sup> continuously measures brightness and color by means of a high-quality spectrometer, and adjusts the color space to provide an image that is most convenient for the human eye. The resulting vivid colors result in an even more spectacular stereoscopic experience, and will contribute to the increasing deployment of 3D content on video walls.

### **Award-winning design**

The OverView OLSF series' design, combining usability with style, has been lauded with the prestigious Red Dot Design Award. The individual modules have the smallest depth on the market today, allowing to build the most shallow video walls possible. What's more, the front access eliminates the need for a rear maintenance area, further decreasing the space needed. This makes the OverView OLSF series the product of choice for rear-projected 3D in confined spaces.

### **Highest level of redundancy**

- 6x redundancy of LEDs (per color) & LED power supplies
- 2x redundancy of dual-link inputs

### **Unique Barco innovations**

- Sense<sup>6</sup> automatic full spectrum calibration
- Active liquid cooling
- Front access, removing need for rear maintenance area

### **Excellent viewing ergonomics**

- Vivid 3D using active shutter glasses
- Wide LED color gamut
- Full HD resolution
- No color break up
- Excellent off-axis viewing with next-generation screen types

### **Maintenance-free**

- 80,000 hours LED lifetime in eco mode
- 5 years service-free runtime
- No color wheel needed

### **Green focus**

- No wearing parts, no waste
- No mercury lamps needed

## Product specifications

## OVERVIEW OLSF-721

### General specifications

Resolution	Full HD (1920 x 1080px)
Brightness	on-screen: 220/175 Cd/m <sup>2</sup> (typ.) in 2D/3D mode
On-screen contrast	560,000:1
Color	Up to 165% EBU (at maximum color mode)
Display technology	Rear projection DLP
White point	3,200/6,500/9,600/arbitrary
Screen	FXS, with H/V 34°/33° half gain angle
Screen gap	Hor: 2 mm   0.08", Vert. 1.7 mm   0.07" (@ 25°C) Hor: < 0.4 mm   0.015", Vert. < 0.3 mm   0.012" (@ 30°C)
Color stability	Self calibration with spectrometer based Sense <sup>6</sup>
Dimensions	<ul style="list-style-type: none"><li>• Diagonal: 70"</li><li>• Width: 1,550 mm   61"</li><li>• Height: 872 mm   34.3"</li><li>• Depth: 622 mm   24.5"</li><li>• Weight: Projection Module: &lt; 73 kg   161 lbs</li></ul>
Light source	6x redundancy for each of 3 LED's
Light source lifetime	> 60,000h (6500k) > 80,000h (eco mode) MTBF LED > 500,000 h
Power	350W (max) 230W (typ.) 170W (eco)
Signal	2x Dual link DVI in / 2x Dual link DVI out
Signal processing	Loop through Free cropping, free scaling (optional)
Direct ethernet access	Built in web server
Accessibility & servicing	Front
Integration to third party equipment	WEB service API
Stereoscopic 3D	yes
Conditions for operation	10°C --40°C, 50°F- -104°F, 80% humidity (non-condensing)
Heat dissipation	580 BTU/h (eco) 785 BTU/h (typ.) 1,194 BTU/h (max)
Warranty	2 years

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