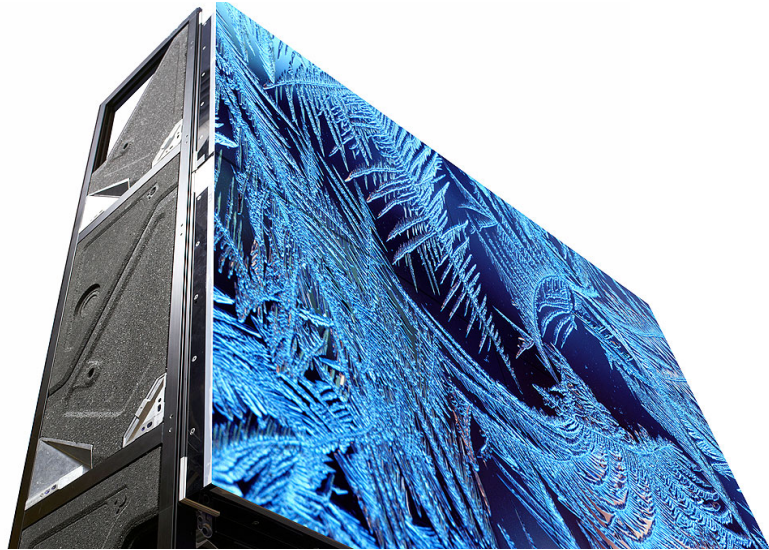


# OLF-510

50" WXGA DLP LED-lit projection module with front access



Barco's 50" OLF-510 LED-lit projection module offers an ergonomically excellent viewing experience, with the sharpest and most saturated colors in WXGA, HD ready resolution (1368x768).

The OLF-510 video wall have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's new OLF-510 video wall come with Sense6, a unique sensor technology that provides brightness and color stability over time and across the entire display. Sense6 continuously measures brightness and color and adjusts the color space to provide an image that is most convenient for the human eye. This means that no maintenance or manual adjustments are needed.

Thanks to the small depth of the projection modules, the OLF-510 video wall are ideally suited for installation in confined spaces. The OL rugged design makes the video walls ideally suited for industrial environments.

**BARCO**

Visibly yours

# Technical specifications

<b>Resolution</b>	HD ready (1368x768px)
<b>Brightness</b>	on-screen: 330 Cd/m <sup>2</sup> (typ.)
<b>On-screen contrast</b>	560,000:1
<b>Display technology</b>	Rear projection DLP
<b>Color</b>	Up to 165% EBU (at maximum color mode)
<b>White point</b>	Adjustable 2,300K to 15,000K
<b>Brightness uniformity</b>	95% ANSI 9
<b>Screen</b>	FXS, with H/V 35°/33° ( +/- 2°) half gain angle
<b>Screen gap</b>	Hor: 1.8 mm   0.07", Vert. 1.1 mm   0.05" (@ 25°C)
<b>Color stability</b>	Self calibration with spectrometer based Sense6
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• Diagonal: 50"</li> <li>• Width: 1,088 mm   42.83"</li> <li>• Height: 612 mm   24.09"</li> <li>• Depth: 445 mm   17,51"</li> <li>• Weight: Projection Module: &lt; 53 kg   117 lbs</li> </ul>
<b>Light source</b>	6x redundancy for each of 3 LED's
<b>Light source lifetime</b>	> 60,000h (at 6500k) > 80,000h in eco mode MTBF LED > 500,000 h
<b>Recommended maintenance interval</b>	> 5 years Lifetime warranty against burn-in or image retention
<b>Conditions for operation</b>	10°C-40°C, 50°F-104°F, 80% humidity (nc)
<b>AC input voltage</b>	90 – 240 V, 50-60Hz
<b>Power</b>	230W (typ.) 350W (max)
<b>Heat dissipation</b>	785 BTU/h (typ.) 1,194 BTU/h (max)
<b>Direct ethernet access</b>	Built in web server
<b>Graphical user interface</b>	All settings and operational parameters
<b>Signal input/output</b>	2x Dual link DVI in / 2x Dual link DVI out
<b>Pixel clock</b>	330 MHz
<b>Input frequency</b>	24 – 62 Hz
<b>Genlock</b>	49 – 61 Hz
<b>Signal processing</b>	Loop through Free cropping, free scaling (optional)
<b>Warranty</b>	2 years
<b>Integration to third party equipment</b>	WEB service API (optional)