

OL-510 and OL-710

DLP™ LED-lit projection module

PRELIMINARY



With the WXGA, HD ready LED-lit OL systems, Barco introduces the next generation of video wall technology. Based on many years of experience with LED displays, Barco has designed a seamless rear-projection video wall with a LED-based illumination unit, that is truly ready for 24/7 use. Barco's LED-based projection series consists of the rear-accessible OL video walls. Both are available in 50-inch and 70-inch screen sizes. All of them offer an ergonomically excellent viewing experience, with the sharpest and most saturated colors in WXGA, HD ready resolution (1360x768).

The OL video walls have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's new OL video walls 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 OL video walls are ideally suited for installation in confined spaces. The OL rugged design makes the video walls ideally suited for industrial environments.

Excellent viewing ergonomics

- Wide LED color gamut
- WXGA, HD ready resolution
- No color break up

Maintenance-free

- 55,000 hours LED Lifetime
- 5 years service-free runtime
- No color wheel needed

Green focus

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

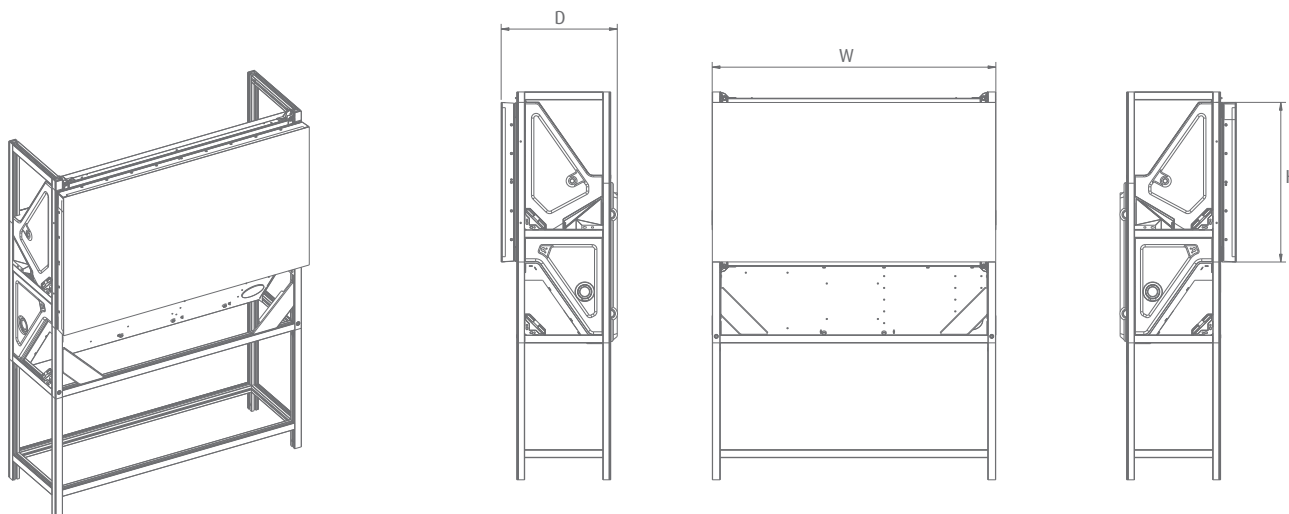
BARCO

Visibly yours

Technical specifications OL-510 and OL-710

Display capabilities	Resolution		
	HD ready, 1360x768		
	Brightness		
	on screen	Typ. 330 Cd/m ²	Typ. 170 Cd/m ²
	Contrast		
	Typ. 1500:1		
	Color		
	Exceeding EBU		
	White Point		
	6500k		
Screen	Uniformity		
	92% ANSI 13		
	Screen		
	HVM, with H/V 35°/32° half gain angle		
	Screen gap	Hor.	Vert.
	OL-510	1.0 mm 0.04"	0.6 mm 0.02"
	OL-710	1.3 mm 0.05"	0.9 mm 0.03"
	Color stability		
	self calibrating with spectrometer		
	Dimensions (WxHxD)		
OL-510: 1,088 x 612 x 445 mm 42.83 x 24.09 x 17"			
OL-710: 1,550 x 872 x 610 mm 61.02 x 34.33 x 24"			
Weight			
OL-510	Projection Module	< 45 kg 99 lbs	
	Pedestal/TopCover	< 28 kg 61 lbs	
OL-710	Projection Module	< 58 kg 127 lbs	
	Pedestal/TopCover	< 39 kg 85 lbs	

Operation	Recommended maintenance interval	
	> 5 years	
Power	No burn-in, no image retention	
	Conditions for Operation	
Communications	10°C-40°C, 50°F-104°F, 80% humidity (nc)	
	AC input voltage	
	90 – 240 V, 50-60Hz	
	Power	
LED	350W	
	Heat dissipation (BTU/h)	
1195		
LED	Direct ethernet access	
	Built in web server	
LED	Graphical user interface	
	All settings and operational parameters	
LED	Integration of third party equipment	
	SOAP based API	
LED	Warranty	
	2 years	
LED	Light source	
	3x six fold redundant LED block	
LED	LED lifetime	
	> 55,000h	



Ref. no. R000000SSE0909R000

Barco is an ISO 9001 registered company.
The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.
The latest version of this product sheet can be found on www.barco.com. The product is subject to warranty of 2 years. Warranty for image retention is subject to certain conditions of use.

Contact Barco
 Europe, Middle-East, Africa: +32 56 26 20 09
 USA: +1 678 475 8000
 Latin America: +55 11 38421656
 Japan: +81 3 5762 8727
 China: +86 400 88 22726
sales.security_and_monitoring@barco.com

BARCO

Visibly yours