

OVL-508

50" XGA DLP LED-lit projection module



Barco's **50" OVL-508 LED-lit projection system** has been enhanced with a **liquid cooling system**, lifting the LED illumination to a **new level of brightness**. Barco's OVL-508 projection module offers an ergonomically excellent viewing experience, with the brightest and most saturated colors in **XGA** (1024x768) resolution.

The OVL-508 video walls have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's new OVL-508 video wall comes with **Sense6, a unique auto-calibration technology** that provides brightness and color stability over time and across the entire display. This means that **no maintenance** or manual adjustments are needed.

Thanks to the modular design of the OVL-projection engine, the OVL projector can also be **used to upgrade** existing Barco rear-projection modules of the **Overview D series**.

BARCO

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Technical specifications

Resolution	XGA (1024x768px)
Brightness	Luminescent flux typ. 750 lumens
On-screen contrast	1,200,000 :1
Color	Up to 165% EBU
Display technology	rear-projection DLP
White point	3200k, 6500k and 9300k
Brightness uniformity	Typ 95% ANSI 13
Screen	BB, FXS, High Gain
Screen gap	< 0.8 modular
Color stability	Self calibrating with spectrometer based Sense6
Dimensions	1,000 x 750 x (664.5) 734.5 mm / 39.4 x 29.52 x (26.2) 28.9"
Light source	3x six fold redundant LED block
Light source lifetime	> 60,000 h, > 80,000 h (eco)
Recommended maintenance interval	> 5 years No burn-in, no image retention
Conditions for operation	10°C-40°C, 50°F-104°F, 80% humidity (nc)
AC input voltage	90 – 240 V, 50-60Hz
Power	typical: 230W, maximum: 350W, eco mode: 170W
Heat dissipation	typical: 785, maximum: 1,194, eco mode: 580 BTU/h
Direct ethernet access	Build in web server
Graphical user interface	All settings and operational parameters
Signal input/output	2x Dual link DVI in, 2x Dual link DVI out
Pixel clock	320 MHz
Input frequency	24 – 62 Hz
Genlock	49 – 61 Hz
Signal processing	Loop through up to 10 cubes / Free cropping, free scaling
Integration to third party equipment	Web based API
Warranty	2 years
Resolution	XGA (1024x768px)