OVL-815

80" SXGA+ DLP LED-lit projection module

SXGA+ 1400x1050	**4:3** RATIO
LED TECHNOLOGY	**COOLED**
SENSE⁶	**SPECTROMETER**
GREEN	**FXS**
10 BIT	**SCALABLE**
5Y WORRY FREE	**WEB SERVER**
REDUNDANT	**EASY INSTALL**
AUTO ALIGN	**LOW NOISE**

Barco's **80" OVL-815 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-815 projection module offers an ergonomically excellent viewing experience, with the brightest and most saturated colors in **SXGA+** (1400x1050) resolution.

The OVL-815 video walls have been designed for an entirely maintenance-free operation over several years, without any need for consumables. Barco's new OVL-815 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

Visibly yours

Technical specifications

Resolution	SXGA+ (1400x1050px)
Brightness	Lumineous 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	< 0.2 mm stitched, < 2 mm modular
Color stability	Self calibrating with spectrometer based Sense6
Dimensions	1,600 x 1,200 x (862.5) 1,023 mm / 63.0 x 47.2 x (34.0) 40.3"
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: 1,195, 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

Generated on: Tuesday, March 29, 2011
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

BARCO

Visibly yours