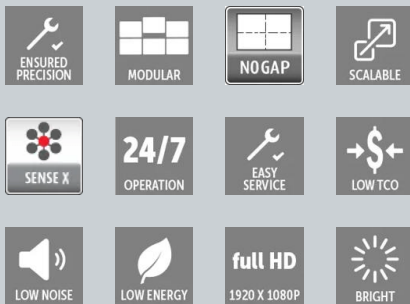


# Barco UniSee 500 (UNI-5000)

55" bezel-less tiled LCD video wall platform for a wide application range with controlled ambient light



- Bezel-less design with NoGap technology
- 500 cd/m<sup>2</sup> brightness
- Mounting structure with automatic alignment for ensured precision
- Sense X automatic and continuous calibration
- Modular, future-proof platform

The award-winning Barco UniSee<sup>®</sup> platform has revolutionized nearly seamless LCD video walls and is a huge step forward in terms of image quality, installation precision, ease-of-servicing and reliability. Barco UniSee 500, offering typical brightness levels of 500 cd/m<sup>2</sup>, was designed for use in environments with controlled ambient lighting conditions. It complements the flagship high-brightness Barco UniSee.

## Bezel-less viewing experience, innovative mounting system

Barco UniSee's bezel-less design, which makes the inter-tile gap barely noticeable, enables spreading content over multiple tiles without the interruption of a disturbing black border. The revolutionary UniSee Mount uses the power of gravity to perfectly and automatically align panels – and keep them in place over time. What's more, UniSee Mount also eases maintenance efforts, allowing swift undocking of separate panels.

## Sense X, automatic and continuous calibration for perfect uniformity

Sense X, the automatic, continuous color and brightness calibration system, ensures that the complete wall gives a perfectly balanced image at all times. Barco also applies proprietary uniformity calibration algorithms to counter all possible variations in brightness from the center to the edges.

Setup and maintenance can be performed even faster and more easily using the upgraded UniSee Connect module. A wizard guides you through the complete installation process, and the individual panels are automatically recognized by the software upon introduction. The local dimming feature brings higher contrast, lower radiated heat and reduced power consumption.



### Offering full system experiences

Besides its visualization portfolio, Barco offers a full range of content management solutions and services to meet the needs of several applications. In addition, the Barco UniSee platform is surrounded by several ecosystem partners, that offer tailored components to further increase the platform's value. Think of touch overlays for increased interactivity, trim solutions for elegant integration in the environment, mounting solutions to allow free-standing or curved set-ups, etc.

Product specifications

BARCO UNISEE 500 (UNI-5000)

<b>Panel</b>			
LCD technology	PA-VA		
Screen haze	44%		
Resolution	Full HD (1920 x 1080)		
Backlight	Direct LED		
Aspect ratio	16:9		
Luminance	500 cd/m <sup>2</sup> (TYPICAL)		
Contrast	4000:1 (TYPICAL)		
White point	10,500 K (TYPICAL)		
Colors	1.07 billion		
Calibration	Sense X automatic color and brightness calibration		
Bit depth	3 x 10 bit colors		
Backlight lifetime	100,000 h (TYPICAL)		
Viewing angle (H, V)	178°   178°		
Refresh rate	50/60 Hz		
Cooling	Fanless		
Operating temperature	0°C -40°C		
Operational humidity	20% -80% (non-condensing) for T < =30°C 140%-(2% x T/°C) for T=30°C to 40°C (non-condensing)		
Operational humidity	10% -80% (non-condensing)		
Storage temperature	-20°C -65°C		
Storage humidity	10% -90% (non-condensing)		
Response time	< 8 ms		
<b>Dimensions</b>			
Dimensions	1213.5 x 683 x 102.4 mm   47.8" x 26.9" x 4.03" (internal SMPS) 1213.5 x 683 x 94.9 mm   47.8" x 26.9" x 3.74" (external SMPS)		
Active screen diagonal	55"		
Active screen area	1212.5 x 682 mm   47.7" x 26.8"		
Weight	14 kg   30.9 lbs (LCM net) / 18.3 kg   40.3 lbs (LCM gross, including package) 16.4 kg   36.2 lbs (LCD net) / 26 kg   57.3 lbs (LCD gross, including package)		
Bezel Width	NA (bezel-less)		
<b>Connectivity</b>			
DisplayPort	2 DP1.2 inputs (DisplayPort 1.2 cables must be used when the cable length exceeds 3m / 10 feet) 1 DP1.2 output		
HDMI	2 HDMI 1.4 inputs		
USB	2 (only for power)		
Ethernet port	2		
HDCP	Yes		
<b>Power</b>			
AC input voltage	100-240 VAC, 50-60 Hz		
Power consumption		Int. power supply	Ext. power supply
	560 nit	130 W	120 W
	500 nit	120 W	110 W
	350 nit	90 W	83 W
Heat dissipation	560 nit	444 BTU/h	409 BTU/h
	500 nit	409 BTU/h	375 BTU/h
	350 nit	307 BTU/h	283 BTU/h
EMC	Class A and follows CE, FCC or UL Emission: EN 55032: 2012 EN 61000-3-2: 2014 EN 61000-3-3: 2013 Immunity: EN 55024: 2010		
Product safety	EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013		
RoHS	EN 50581: 2012		
Notes	UniSee Mount can support up to 10 rows in lanscape mode and 6 rows in portrait		

Last updated: 23 Oct 2024

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