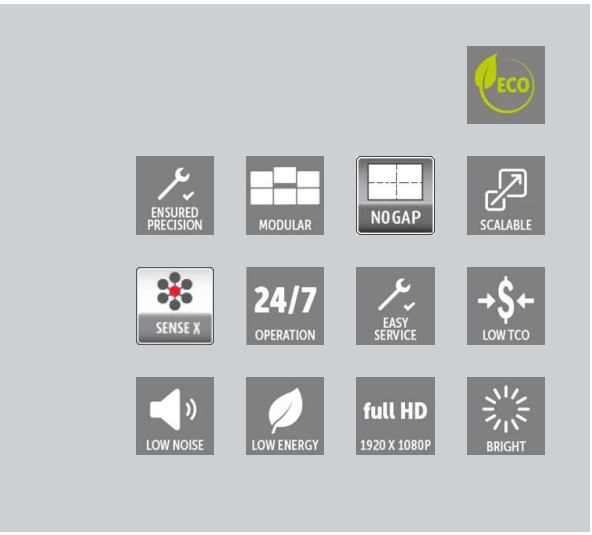
# Barco UniSee 500 (UNI-0005)

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/m² brightness**
- **Mounting structure with automatic alignment for ensured precision**
- **Sense X automatic and continuous calibration**
- **Modular, future-proof platform**

The award-winning Barco UniSee® 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/m², was designed for use in environments with controlled ambient lighting conditions. It complements the high-brightness Barco UniSee which is applicable in virtually every environment.

## 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-0005) |
|---|---|
| **Panel** | |
| LCD technology | IPS |
| Resolution | Full HD (1920 x 1080) |
| Backlight | Direct LED |
| Aspect ratio | 16:9 |
| Luminance (typ.) | 500 cd/m² |
| Peak luminance | – |
| Contrast ratio (typ.) | 1200:1 |
| Local dimming | Yes |
| Smart local dimming | No |
| White point | Native: 10500K (typical) |
| HDR processing | – |
| Color gamut/depth | Native 70% NTSC |
| Calibration | Sense X automatic color and brightness calibration |
| Backlight lifetime (typ.) | 100,000 h |
| Cooling | Fan-less |
| Screen haze | 28% |
| Viewing angle (H\|V) | 178° \| 178° |
| Response time | < 8 ms |
| Uniformity | 9 points: 98%<br>13 points: 98%<br>21 points: 92% |
| Operating temperature | 0°C - 40°C |
| Operational humidity | 20% - 80% (non-condensing) |
| Storage temperature | -20°C - 60°C |
| Storage humidity | 10% – 90% non-condensing |
| Mounting | Standard UniSee Smart mount or InvisiMount possible (*) |
| Landscape/portrait | Yes / Yes |
| Temperature sensors | Embedded in each panel |
| **Power** | |
| AC input voltage | 100-240 VAC, 50-60 Hz |
| Power consumption (typical) | Int. power supply: 185 W<br>Ext. power supply: 174 W |
| Heat dissipation | Int. power supply: 631 BTU/h<br>Ext. power supply: 594 BTU/h |
| EMC Class | FCC Class A |
| **Dimensions** | |
| Dimensions LCM (WxHxD) | 1211.36 x 682.02 x 65 mm |
| Dimensions LCD (with Int SMPS) (WxHxD) | 1211.36 x 682.02 x 91.10 mm |
| Active screen diagonal | 55" |
| Weight net | LCD (LCM+SMPS+Input Board): 17.3 kg<br>LCM: 15.0 kg |
| Weight gross | 23.2 kg |
| Bezel Width | Bezel-less |
| **Connectivity** | |
| DisplayPort | 2x DP1.2 inputs & 1x output (4K@60Hz) |
| HDMI(TM) | 2x HDMI™ 2.0 inputs (4K@60Hz) |
| Ethernet port | 2x Ethernet ports |
| USB | 2x USB ports (only for power) |
| HDCP | Yes, v2.2 |
| **Model** | |
| Model name | Barco UniSee 500 |
| **Other** | |
| Article number | R98675000 -UNI-0005 View500n<br>R98675000IAU -UNI-0005 View500n AU<br>R98675000I -UNI-0005 View500n CN<br>R98675000F -UNI-0005 View500n EU<br>R98675000D -UNI-0005 View500n IN<br>R98675000BTW -UNI-0005 View500n TW<br>R98675000G -UNI-0005 View500n UK<br>R98675000B -UNI-0005 View500n US |
| Notes | UniSee Standard Smart Mount: up to 10 rows (landscape) / 6 (portrait) UniSee InvisiMount: up to 4 col x 3 rows (landscape) / 4 col x 2 rows (portrait) |
| Certifications | CE, SGS, UKCA, CCC, PSE, BIS, CEBEC, ICES, EAC , KC, FCC, RCM, RoHS, WEEE, REACH |
| TAA Compliancy | – |

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