

# Vali 1.8

NT LED Series

PRELIMINARY



Vali is the son of Odin, the most powerful god in Northern mythology. The latest addition to our Northern Lights series, our Barco Residential Vali 1.8 DV-LED wall has the power to conquer the sunniest room, and the finesse to bring movie magic to a dedicated private theater.

Our 1.8mm pixel pitch direct view LED can be configured in a wide range of sizes and shapes. Imagine a screen that never has to turn off. When you're not watching movies or your favorite sports, it is a perfect canvas for digital art. Images are razor sharp, and Barco uses state-of-the-art Infinipix processing to for impressive color fidelity.

Barco Residential White Glove Service is included. Factory trained Barco engineers take care of the installation to insure an exceptional result.



# Vali 1.8

## Technical specifications

### Key features

#### Stunning Picture Quality

With no visual distortion, low latency and perfect syncing, Vali 1.8 brings movies, sports and TV programming to life. This also requires perfect color accuracy at every level of brightness, which is maintained by Infinipix® Gen2. Proprietary Smart Calibration™ also ensures wide color gamut support for rich and true-to-life images.

#### Designed for any space

The thin tiles contribute to versatility and ease of installation. This lowers the wall's footprint and broadens the possibilities for set-ups at different locations, enabling better integration into existing spaces.

Barco's Video Wall Manager software automatically configures the different tiles, which greatly speeds up the installation process.

#### Understanding Pixel Pitch

Pixel pitch affects the minimum viewing distance for the DV-LED wall.

The Vali 1.2 has a minimum viewing distance of 2.4 meters/approximately 8 feet.

The Vali 1.5 has a minimum viewing distance of 3 meters, approximately 10 feet.

The Vali 1.8 has a minimum viewing distance of 3.6 meters, approximately 12 feet.

#### The Barco Residential Difference

With White Glove Service, Barco Residential takes full responsibility for building your Direct View LED Wall.

Our partners prepare the wall, then we install the frames and modules, configure the wall, and calibrate the image. All of this is done to Barco Residential's highest standards by factory trained engineers.

<b>Popular Sizes (Config)/Resolution</b>	325.2" (12x12) 3,840 x 2,160 271" (10x10) 3,200 x 1,800
<b>Pixel Pitch</b>	1.87
<b>Pixel per tile</b>	320 x 180 (HxV)
<b>LED Lifetime</b>	100,000 hours (video -50% brightness)
<b>Brightness</b>	>600 Nits (Peak Brightness 780 nit)
<b>Internal processing</b>	23 bit
<b>Color depth</b>	16 bit (281 trillion colors)
<b>Contrast</b>	>5,000:1
<b>Dimming</b>	0 - 100%
<b>Shaders</b>	No
<b>Refresh rate @ 60hz</b>	3,840 Hz
<b>Frame rate support</b>	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60
<b>Brightness Uniformity</b>	>98%
<b>Hor. viewing angle</b>	160° +/-5°
<b>Vert. viewing angle</b>	160° +/-5°
<b>Control</b>	Infinipix® Gen2
<b>Control drivers</b>	Control4 & Crestron SIMPL
<b>Dimensions per Tile (WxHxD)</b>	600 x 337.5 x 39 mm (23.62" x 13.29" x 1.54")
<b>Weight per module</b>	6kg/tile
<b>3D</b>	No
<b>Power requirements</b>	100-240V, 50/60 Hz
<b>Power consumption</b>	440 W/m <sup>2</sup> (max) 89 W/Tile (max) 133 W/m <sup>2</sup> (typ) 27W/Tile (typ)
<b>Heat dissipation</b>	1,501 BTU/h/m <sup>2</sup> (max) 454 BTU/h/m <sup>2</sup> (typ)
<b>Heat dissipation front/back</b>	54% / 46%
<b>Operating temperature</b>	10°C to +40°C / 14°F to 104°F
<b>Operating humidity</b>	10% - 80%
<b>HDR</b>	HLG / HDR10 supported
<b>Cable Management</b>	No external cabling
<b>Serviceability</b>	Full front & full back service
<b>TAA Compliancy</b>	Not available
<b>Concave curvature</b>	Up to 5° inter tile (6.88m radius/22.57 feet)
<b>Convex curvature</b>	n/a
<b>Redundancy</b>	Power: Optional, Data: Signal loop redundancy, N+N optional
<b>Ergonomics</b>	SteadyView driver algorithm to reduce eye fatigue
<b>Certifications</b>	CE, UL, FCC class A, CB, RoHS, WEEE, REACH
<b>Warranty</b>	3 years Can be extended up to 5 years