

Vali 1.2

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 1.2 DV-LED wall has the power to conquer the sunniest room, and the finesse to bring movie magic to a dedicated private theater.

Our 1.2mm 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.



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Technical specifications

Key features

Stunning Picture Quality

With no visual distortion, low latency and perfect syncing, Vali 1.2 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.

Popular Sizes (Config)/Resolution	216.8" (8X8) 3,840 x 2,160 162.6" (6X6) 2,880 x 1,620
Pixel Pitch	1.25
Pixel per tile	480 x 270 (HxV)
LED Lifetime	100,000 hours (video -50% brightness)
Brightness	>600 Nits (Peak Brightness 780 nit)
Internal processing	23 bit
Color depth	16 bit (281 trillion colors)
Contrast	>5,000:1
Dimming	0 - 100%
Shaders	No
Refresh rate @ 60hz	3,840 Hz
Frame rate support	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60
Brightness Uniformity	>98%
Hor. viewing angle	160° +/-5°
Vert. viewing angle	160° +/-5°
Control	Infinipix® Gen2
Control drivers	Control4 & Crestron SIMPL
Dimensions per Tile (WxHxD)	600 x 337.5 x 39 mm (23.62" x 13.29" x 1.54")
Weight per module	6kg/tile
3D	No
Power requirements	100-240V, 50/60 Hz
Power consumption	642 W/m ² (max) 130 W/Tile (max) 209 W/m ² (typ) 42W/Tile (typ)
Heat dissipation	2,190 BTU/h/m ² (max) 713 BTU/h/m ² (typ)
Heat dissipation front/back	54% / 46%
Operating temperature	10°C to +40°C / 14°F to 104°F
Operating humidity	10% - 80%
HDR	HLG / HDR10 supported
Cable Management	No external cabling
Serviceability	Full front & full back service
TAA Compliancy	Not available
Concave curvature	Up to 5° inter tile (6.88m radius/22.57 feet)
Convex curvature	n/a
Redundancy	Power: Optional, Data: Signal loop redundancy, N+N optional
Ergonomics	SteadyView driver algorithm to reduce eye fatigue
Certifications	CE, UL, FCC class A, CB, RoHS, WEEE, REACH
Warranty	3 years Can be extended up to 5 years