

Valkyrie



The Vikings believed the Northern Lights in the sky were the reflections of the Valkyries' armor as they led the warriors to Odin. We see our Valkyrie as the solution that will lead customers to Barco, to experience what a great image is.

Aiming for the optimal experience

Valkyrie is Barco Residential's most popular LED solution based on size and viewing distance.

You would think 1.2 pixel pitch is big, but LED is about the correct viewing and about how the source is delivered from the content player to the display. Barco is always making sure the image is perfect.

We have developed a completely new processor for our Valkyrie display, which reproduces a revolutionary viewing experience with an highly dynamic, yet very realistic image.

Part of the TruePix Northern Lights range

TruePix is Barco's flagship indoor high-resolution LED platform. The 27,5" inch tiles with a 16:9 aspect ratio range from .9mm to 1.5mm pixel pitch.

TruePix brings content to life as intended and ensures predictable, truly seamless visualization, based on smart engineering and the company's next-generation Infinipix® gen2 image processing platform.

This ensures color accuracy and perfect contrast at any brightness level. The self-regulating wall structure and perfectly aligned LED modules offer a perfectly flat wall and uniform image, with seams less than 0.1 mm, the entire video wall lifetime.

LED for the residential market

With more than 2 decades of expertise on LED technology, Barco is not new to the LED market.

But it is the first time we introduce that expertise, knowledge and experience into the Residential market. To be true to our philosophy to make sure we share the movie director's

passion and commitment to the 'suspension of disbelief', which is so important in the art of movie-making, we have made sure TruePix supports the most common color gamuts used in our Market.

Our products support both REC 709 and DCI color space as well as the latest HDR technologies.

技術仕様

VALKYRIE

一般仕様	
解像度	3840 x 2160
ピクセルピッチ	1.2
ピクセル/モジュール	480 x 270 (HxV)
Number of tiles	64
輝度	>600 Nits
輝度均一性	>98%
画像処理	23 bit
色の深み	16 bit (281 trillion colors)
コントラスト	9,000:1
HDR	HLG / HDR10 supported
減光	0-100%
シェーダー	No
リフレッシュ・レート	3,840 hz
フレームレート	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
水平視野角	160° +/-5°
垂直視野角	160° +/-5°
制御	Infinipix® Gen2
通信	tbc
3D	3D Supported
寸法 幅×長さ×高さ	487.92 x 274.48 cm (192.08 x 108 inches)
重量/タイル	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
重量	524.8 kg (single PSU), 550.4 kg (dual PSU)
動作湿度	10% -80%
動作温度	-10°C to +40°C / 14°F to 104°F
IPレート	IP30
消費電力	775 W/m ² (max) = total 16,2kW 273 W/m ² (typ) = total 5,63kW less than 10 W/m ² (standby) = less than 200W total
BTU / 時間	2,404 BTU/h/m ² (max) 1,026 BTU/h/m ² (typ)
電源要件	110-130V/200-240V, 50-60 Hz
設置	Self-leveling with surface tolerance compensation
サービス性	Full front & full back service
モジュールの交換	Automated parallel motorized extraction
モジュールの配置	Guided module placement
エルゴノミクス	SteadyView driver algorithm to reduce eye fatigu
証明書	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
保証	3 years, can be extended up to 8 years

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技術仕様は予告なく変更する場合があります。最新情報については、www.barco.com をご覧ください。