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.

BARCO

Spécifications techniques	VALKYRIE
Spécifications générales	
Résolution	3840 x 2160
Pas de pixels	1.2
Pixels par module	480 x 270 (HxV)
Number of tiles	64
Luminosité	>600 Nits
Uniformité de la luminosité	>98%
Traitement des images	23 bit
Profondeur des couleurs	16 bit (281 trillion colors)
Contraste	9,000:1
HDR	HLG / HDR10 supported
Atténuation de l'intensité lumineuse	0-100%
Shaders	No
Fréquence de rafraichissement	3,840 hz
Défilement d'image	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Angle de vision horiz.	160° +/-5°
Angle de vision vert.	160° +/-5°
Contrôle	Infinpix® Gen2
Communication	tbc
3D	3D Supported
Dimensions (l x L x H)	487.92 x 274.48 cm (192.08 x 108 inches)
Poids / Tuile	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Poids	524.8 kg (single PSU), 550.4 kg (dual PSU)
Humidité (fonctionnement)	10% -80%
Température de fonctionnement	-10°C to +40°C / 14°F to 104°F
Homologation IP	IP30
Consommation électrique	775 W/m² (max) = total 16,2kW 273 W/m² (typ) = total 5,63kW less than 10 W/m² (standby) = less than 200W total
BTU par heure	2,404 BTU/h/m² (max) 1,026 BTU/h/m² (typ)
Alimentation électrique	110-130V/200-240V, 50-60 Hz
Installation	Self-leveling with surface tolerance compensation
Disponibilité technique	Full front & full back service
Remplacement du module	Automated parallel motorized extraction
Positionnement du module	Guided module placement
Ergonomie	SteadyView driver algorithm to reduce eye fatigu
Certifications	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years, can be extended up to 8 years

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Les spécifications techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter les dernières informations disponibles sur www.barco.com.

ENABLING BRIGHT OUTCOMES

BARCO