

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.

Especificaciones del producto**VALKYRIE**

Especificaciones generales	
resolución	3840 x 2160
Profundidad de píxel	1.2
Pixel por módulo	480 x 270 (HxV)
Number of tiles	64
brillo	>600 Nits
brillo uniforme	>98%
Procesamiento de imágenes	23 bit
Profundidad de color	16 bit (281 trillion colors)
contraste	9,000:1
HDR	HLG / HDR10 supported
Disminución de la intensidad luminosa	0-100%
Dispositivos de sombreado	No
tasa de refresco	3,840 hz
Frecuencia de cuadro	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
angulo de visión horizontal	160° +/-5°
angulo de visión vertical	160° +/-5°
Control	Infinipix® Gen2
comunicación	tbc
3D	3D Supported
dimensiones (ancho x largo x alto)	487.92 x 274.48 cm (192.08 x 108 inches)
Peso / tile	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
peso	524.8 kg (single PSU), 550.4 kg (dual PSU)
humedad de trabajo	10% -80%
Temperatura operativa	-10°C to +40°C / 14°F to 104°F
Tipo de IP	IP30
consumo de potencia	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 por hora	2,404 BTU/h/m ² (max) 1,026 BTU/h/m ² (typ)
Requisitos de alimentación	110-130V/200-240V, 50-60 Hz
Instalación	Self-leveling with surface tolerance compensation
Facilidad para el servicio	Full front & full back service
Reemplazo de módulo	Automated parallel motorized extraction
Situación del módulo	Guided module placement
Ergonomía	SteadyView driver algorithm to reduce eye fatigu
Certificaciones	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantía	3 years, can be extended up to 8 years

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Las especificaciones técnicas pueden estar sujetas a cambios sin previo aviso. Consulte www.barco.com para obtener la información más actual.