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

技术规格	VALKYRIE
一般规格	
分辨率	3840 x 2160
像素间距	1.2
每个模块的像素	480 x 270 (HxV)
Number of tiles	64
亮度	>600 Nits
亮度均匀性	>98%
图像处理	23 bit
灰阶	16 bit (281 trillion colors)
对比度	9,000:1
HDR	HLG / HDR10 supported
调光	0-100%
渲染引擎	No
刷新率	3,840 hz
祯数	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
水平观察角度	160° +/-5°
垂直视角	160° +/-5°
控制	Infinpix® Gen2
通信	tbc
3D	3D Supported
尺寸(宽x长x高)	487.92 x 274.48 cm (192.08 x 108 inches)
重量 / 层数	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
净重	524.8 kg (single PSU), 550.4 kg (dual PSU)
操作湿度	10% -80%
工作温度	-10°C to +40°C / 14°F to 104°F
IP等级	IP30
功率消耗	775 W/m² (max) = total 16,2kW 273 W/m² (typ) = total 5,63kW less than 10 W/m² (standby) = less than 200W total
每小时BTU	2,404 BTU/h/m² (max) 1,026 BTU/h/m² (typ)
电力要求	110-130V/200-240V, 50-60 Hz
安装	Self-leveling with surface tolerance compensation
可维护性	Full front & full back service
模块更换	Automated parallel motorized extraction
模块放置	Guided module placement
人体工程学	SteadyView driver algorithm to reduce eye fatigu
认证	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
保修期	3 years, can be extended up to 8 years