

Valkyrie Cinemascope



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 enjoy a viewing experience that, up to now, was simply unavailable outside a private movie theatre.

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 TruePix panels which together with our Valkyrie display reproduces a revolutionary viewing experience with an highly dynamic, yet very realistic image.

What is TruePix
TruePix

Specifiche tecniche**VALKYRIE CINEMASCOPE**

Specifiche generali	
Risoluzione	5280 x 2160
Passo pixel	1.2
Pixel per modulo	480 x 270 (HxV)
Number of tiles	88
Luminosità	>600 Nits
Uniformità della luminosità	>98%
Elaborazione delle immagini	23 bit
Profondità colore	16 bit (281 trillion colors)
Contrasto	9,000:1
HDR	HLG / HDR10 supported
Variazione della luminosità	0-100%
Shaders	No
Intervallo di aggiornamento	3,840 hz
Velocità fotogrammi	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Angolo di visuale orizzontale	160° +/-5°
Angolo di visuale verticale	160° +/-5°
Controllo	Infinpix® Gen2
Comunicazione	tbc
3D	3D Supported
Dimensioni (PXLXA)	670.89 x 274.48 cm (264.11 x 108 inches)
Peso per pannello	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Peso	721.6kg (single PSU), 756.8 kg (dual PSU)
Umidità in funzionamento	10% -80%
Intervallo temperature in funzionamento	-10°C to +40°C / 14°F to 104°F
Grado IP	IP30
Consumo energetico	704.8 W/m ² (max) = total 12.98kW 221,5 W/m ² (typ) = total 4.08kW less than 10 W/m ² (standby) = less than 180W total
BTU per ora	2,643 BTU/h/m ² (max) 1,306 BTU/h/m ² (typ)
Requisiti di alimentazione	110-130V/200-240V, 50-60 Hz
Installazione	Self-leveling with surface tolerance compensation
Manutenzione	Full front & full back service
Sostituzione moduli	Automated parallel motorized extraction
Posizionamento dei moduli	Guided module placement
Ergonomia	SteadyView driver algorithm to reduce eye fatigu
Certificazioni	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garanzia	3 years, can be extended up to 8 years

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