

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

기술 사양

VALKYRIE CINEMASCOPE

일반 사양	
해상도	5280 x 2160
픽셀 피치	1.2
모듈당 픽셀	480 x 270 (HxV)
Number of tiles	88
밝기	>600 Nits
밝기 균일도	>98%
영상 처리	23 bit
색도	16 bit (281 trillion colors)
명암비	9,000:1
HDR	HLG / HDR10 supported
조도 조절	0-100%
셰이더	No
리프레시 속도	3,840 hz
프레임 속도	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
수평 시야각	160° +/-5°
수직 시야각	160° +/-5°
컨트롤	Infinipix® Gen2
통신	tbc
3D	3D Supported
크기(WxLxH)	670.89 x 274.48 cm (264.11 x 108 inches)
무게/타일	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
무게	721.6kg (single PSU), 756.8 kg (dual PSU)
작동 습도	10% -80%
작동 온도	-10°C to +40°C / 14°F to 104°F
IP 등급	IP30
전력 소비	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
시간당 BTU	2,643 BTU/h/m ² (max) 1,306 BTU/h/m ² (typ)
전원 요구 사항	110-130V/200-240V, 50-60 Hz
설치	Self-leveling with surface tolerance compensation
용이성	Full front & full back service
모듈 교체	Automated parallel motorized extraction
모듈 배치	Guided module placement
인체공학	SteadyView driver algorithm to reduce eye fatigu
인증	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
보증	3 years, can be extended up to 8 years

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