

Aurora



What is TruePix TruePix

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. Barco has redesigned every component creating TruePix, a new direct view LED platform, ensuring an unmatched viewing experience. One of the key components is the new generation of image processing “Infinipix® 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 colour gamuts used in our Market.

Our products supports both REC 709 and DCI colour space as well as the latest HDR technologies. Our mission:

to envelop film buffs with an exceptional film experience in the comfort of the most modern living spaces. TruePix, Barco’s new flagship indoor LED platform, sets a new standard for large video walls.

It feels like The Wall disappears and get replaced by an amazing picture. The solution brings content to life as intended and ensures predictable, truly seamless outcomes, by combining smart engineering and Infinipix® Gen2. smooth and efficient operations for an unparalleled experience.

기술 사양

AURORA

일반 사양	
해상도	3840 x 2160
픽셀 피치	1.5
모듈당 픽셀	384 x 216 (HxV)
Number of tiles	100
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%
웨이더	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)	609.9 x 343.1 cm (240.1 x 135 inches)
무게/타일	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
무게	820 kg (single PSU), 860 kg (dual PSU)
작동 습도	10% -80%
작동 온도	-10°C to +40°C / 14°F to 104°F
IP 등급	IP30
전력 소비	685 W/m ² (max) = total 14.34kW 259 W/m ² (typ) = total 5.42kW less than 10 W/m ² (standby) = less than 210W total
시간당 BTU	2,336 BTU/h/m ² (max) 883 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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