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.

BARCO

Especificações técnicas	AURORA
Especificações gerais	
Resolução	3840 x 2160
Distância entre pontos	1.5
Pixel por módulo	384 x 216 (HxV)
Number of tiles	100
Brilho	>600 Nits
Uniformidade de brilho	>98%
Processamento de imagens	23 bit
Profundidade de cor	16 bit (281 trillion colors)
Contraste	9,000:1
HDR	HLG / HDR10 supported
Escurecimento	0-100%
Alhetas	No
Taxa de atualização	3,840 hz
Taxa de quadro	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Ângulo de visualização horizontal	160° +/-5°
Ângulo de visualização vertical	160° +/-5°
Controle	Infinpix® Gen2
Comunicação	tbc
3D	3D Supported
Dimensões (LxPxA)	609.9 x 343.1 cm (240.1 x 135 inches)
Peso / Bloco	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Peso	820 kg (single PSU), 860 kg (dual PSU)
Umidade de operação	10% -80%
Temperatura de operação	-10°C to +40°C / 14°F to 104°F
Classificação de IP	IP30
Consumo de energia	685 W/m² (max) = total 14.34kW 259 W/m² (typ) = total 5.42kW less than 10 W/m² (standby) = less than 210W total
BTU por hora	2,336 BTU/h/m² (max) 883 BTU/h/m² (typ)
Requisitos de energia	110-130V/200-240V, 50-60 Hz
Instalação	Self-leveling with surface tolerance compensation
Facilidade de manutenção	Full front & full back service
Substituição do módulo	Automated parallel motorized extraction
Posicionamento do módulo	Guided module placement
Ergonomia	SteadyView driver algorithm to reduce eye fatigu
Certificações	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantia	3 years, can be extended up to 8 years

ENABLING BRIGHT OUTCOMES

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