

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.

Spécifications techniques**AURORA**

Spécifications générales	
Résolution	3840 x 2160
Pas de pixels	1.5
Pixels par module	384 x 216 (HxV)
Number of tiles	100
Luminosité	>600 Nits
Uniformité de la luminosité	>98%
Traitement des images	23 bit
Profondeur des couleurs	16 bit (281 trillion colors)
Contraste	9,000:1
HDR	HLG / HDR10 supported
Atténuation de l'intensité lumineuse	0-100%
Shaders	No
Fréquence de rafraîchissement	3,840 hz
Défilement d'image	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Angle de vision horiz.	160° +/-5°
Angle de vision vert.	160° +/-5°
Contrôle	Infinipix® Gen2
Communication	tbc
3D	3D Supported
Dimensions (l x L x H)	609.9 x 343.1 cm (240.1 x 135 inches)
Poids / Tuile	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Poids	820 kg (single PSU), 860 kg (dual PSU)
Humidité (fonctionnement)	10% -80%
Température de fonctionnement	-10°C to +40°C / 14°F to 104°F
Homologation IP	IP30
Consommation électrique	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
BTU par heure	2,336 BTU/h/m ² (max) 883 BTU/h/m ² (typ)
Alimentation électrique	110-130V/200-240V, 50-60 Hz
Installation	Self-leveling with surface tolerance compensation
Disponibilité technique	Full front & full back service
Remplacement du module	Automated parallel motorized extraction
Positionnement du module	Guided module placement
Ergonomie	SteadyView driver algorithm to reduce eye fatigu
Certifications	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years, can be extended up to 8 years

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Les spécifications techniques sont susceptibles d'être modifiées sans préavis. Veuillez consulter les dernières informations disponibles sur www.barco.com.