

# 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 support 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.

**Specifiche tecniche****AURORA**

Specifiche generali	
Risoluzione	3840 x 2160
Passo pixel	1.5
Pixel per modulo	384 x 216 (HxV)
Number of tiles	100
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	Infinipix® Gen2
Comunicazione	tbc
3D	3D Supported
Dimensioni (PXLXA)	609.9 x 343.1 cm (240.1 x 135 inches)
Peso per pannello	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Peso	820 kg (single PSU), 860 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	685 W/m <sup>2</sup> (max) = total 14.34kW 259 W/m <sup>2</sup> (typ) = total 5.42kW less than 10 W/m <sup>2</sup> (standby) = less than 210W total
BTU per ora	2,336 BTU/h/m <sup>2</sup> (max) 883 BTU/h/m <sup>2</sup> (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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