

# 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.

**Technische Daten****AURORA**

Allgemeine technische Daten	
Auflösung	3840 x 2160
Pixelpitch	1.5
Pixel pro Modul	384 x 216 (HxV)
Number of tiles	100
Helligkeit	>600 Nits
Helligkeitsgleichförmigkeit	>98%
Bildverarbeitung	23 bit
Farbtiefe	16 bit (281 trillion colors)
Kontrast	9,000:1
HDR	HLG / HDR10 supported
Dimmen	0-100%
Shader	No
Bildwiederholffrequenz	3,840 hz
Bildrate	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Hor. Betrachtungswinkel	160° +/-5°
Vert. Betrachtungswinkel	160° +/-5°
Bedienung	Infinipix® Gen2
Kommunikation	tbc
3D	3D Supported
Abmessungen (BxTxH)	609.9 x 343.1 cm (240.1 x 135 inches)
Gewicht/Modul	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Gewicht	820 kg (single PSU), 860 kg (dual PSU)
Luftfeuchtigkeit bei Betrieb	10% -80%
Betriebstemperatur	-10°C to +40°C / 14°F to 104°F
IP-Klasse	IP30
Stromverbrauch	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 pro Stunde	2,336 BTU/h/m <sup>2</sup> (max) 883 BTU/h/m <sup>2</sup> (typ)
Stromversorgungsanforderungen	110-130V/200-240V, 50-60 Hz
Installation	Self-leveling with surface tolerance compensation
Wartungsfreundlichkeit	Full front & full back service
Modulwechsel	Automated parallel motorized extraction
Platzierung der Module	Guided module placement
Ergonomie	SteadyView driver algorithm to reduce eye fatigu
Zertifizierungen	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Gewährleistung	3 years, can be extended up to 8 years

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Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät. Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern. Die aktuelle Version dieser Broschüre finden Sie unter [www.barco.com](http://www.barco.com).