

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.

Product specificaties**AURORA**

General specifications	
Resolutie	3840 x 2160
Pixelpitch	1.5
Pixel per module	384 x 216 (HxV)
Number of tiles	100
Helderheid	>600 Nits
Helderheidsuniformiteit	>98%
Beeldverwerking	23 bit
Kleurdiepte	16 bit (281 trillion colors)
Contrast	9,000:1
HDR	HLG / HDR10 supported
Dimmen	0-100%
Shaders	No
Vernieuwingssnelheid	3,840 hz
Framesnelheid	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Hor. kijkhoek	160° +/-5°
Vert. kijkhoek	160° +/-5°
Controle	Infinpix® Gen2
Communicatie	tbc
3D	3D Supported
Afmetingen (B x L x H)	609.9 x 343.1 cm (240.1 x 135 inches)
Gewicht / tegel	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Gewicht	820 kg (single PSU), 860 kg (dual PSU)
Vochtigheid in bedrijf	10% -80%
Bedrijfstemperatuur	-10°C to +40°C / 14°F to 104°F
IP-classificatie	IP30
Energieverbruik	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/uur	2,336 BTU/h/m ² (max) 883 BTU/h/m ² (typ)
Voedingsvereisten	110-130V/200-240V, 50-60 Hz
Installatie	Self-leveling with surface tolerance compensation
Onderhoudsgemak	Full front & full back service
Vervangen Module	Automated parallel motorized extraction
Plaatsen Module	Guided module placement
Ergonomie	SteadyView driver algorithm to reduce eye fatigu
Certificeringen	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years, can be extended up to 8 years

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