

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.

Технические характеристики**AURORA**

Общие характеристики	
Разрешение	3840 x 2160
Шаг пикселей	1.5
Пикселей на модуль	384 x 216 (HxV)
Number of tiles	100
Яркость	>600 Nits
Однородность яркости	>98%
Обработка изображений	23 bit
Глубина цветности	16 bit (281 trillion colors)
Контрастность	9,000:1
HDR	HLG / HDR10 supported
Затемнение	0-100%
Шейдеры	No
Скорость обновления	3,840 hz
Размер рамки	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Горизонтальный угол обзора	160° +/-5°
Вертикальный угол обзора	160° +/-5°
Контроль	Infinipix® Gen2
Коммуникация	tbc
3D	3D Supported
Габариты (WxLxH)	609.9 x 343.1 cm (240.1 x 135 inches)
Вес/плитку	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Вес	820 kg (single PSU), 860 kg (dual PSU)
Допустимая влажность	10% -80%
Рабочая температура	-10°C to +40°C / 14°F to 104°F
Класс защиты	IP30
Энергопотребление	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
БТЕ/ч	2,336 BTU/h/m ² (max) 883 BTU/h/m ² (typ)
Требования к источнику питания	110-130V/200-240V, 50-60 Hz
Установка	Self-leveling with surface tolerance compensation
Работоспособность	Full front & full back service
Замена модуля	Automated parallel motorized extraction
Размещение модуля	Guided module placement
Эргономика	SteadyView driver algorithm to reduce eye fatigu
Сертификаты	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Гарантия	3 years, can be extended up to 8 years

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