TruePix TP1.2-I

1.2 mm pixel pitch, high-res indoor LED display

- **Smart engineering guarantees truly seamless outcomes**

- **Higher brightness, less energy consumption**

- **Smooth and efficient operations, 24/7**

- **Superb color accuracy and contrast, under all lighting conditions**

- **Reduced ecological footprint**

- **TÜV Eye Comfort certification**

- **Up to 10 years of dedicated service and support**

TruePix TP1.2-I is Barco's new flagship indoor high-resolution LED platform. The 27.5" inch tiles, with a 16:9 aspect ratio, have a pixel pitch of only 1.2 mm. TruePix is designed for control room, corporate and broadcast visualization applications and supports both environments exposed to ambient light and controlled lighting environments.

High brightness, low power consumption
The TP-I range benefits from the flip chip technology, making the individual LEDs more efficient. The result is higher brightness (over 1000 nit) at a lower power consumption. This further reduces the TCO and the ecological footprint -which was already low for the complete TruePix range compared to the competition.

Truly seamless outcomes
TruePix brings content to life as intended and ensures predictable, truly seamless outcomes, by combining smart engineering and Infinipix™ Gen2, the next generation of Infinipix™. Smooth and efficient operations are guaranteed 24/7, next to full peace of mind.

Barco TruePix' smart engineering introduces a unique mechanical concept for risk-free and precise installations, eliminating visual distortion. This unmatched seamlessness and flatness are achieved through guided module placement and self-leveling mounts. The next generation of Barco's proprietary Infinipix™ Gen2 guarantees full image integrity at any brightness level, together with superb color accuracy. It flexibly and automatically supports any content need while reducing eye fatigue.

Peace of mind at any time
Smooth and efficient operations are guaranteed 24/7 through uninterrupted data flows. Users can reduce the carbon footprint by using the EcoPower standby mode. Up to 10 years of dedicated service and support (ensuring a uniform viewing experience) to allow for peace of mind during the entire product lifetime.

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Product specificaties	TRUEPIX TP1.2-I
LED-tegels	
Pixelpitch	1.27 mm
Pixel per module	480x270 (HxV)
Aspectverhouding	16:9
Levensduur LED	100,000h (video -50% brightness)
Helderheid	>1800 nit
Piek helderheid	>2300 nit
Interne verwerking	23 bit
Kleurdiepte	16 bit (281 trillion colors)
Shaders	No
Bediening	Infinipix™ Gen2
Vernieuwingssnelheid bij 60 Hz	7680 Hz
3D	3D supported
Framesnelheid	24 -240 Hz
Hor. kijkhoek	160° +/-5°
Vert. kijkhoek	160° +/-5°
Uniformiteit van de helderheid	>98%
Dimmen	0-100%
Contrast	>20,000:1
Stroomverbruik	449 W/m² (max) 94 W/Tile -Standard mode 710 W/m² (max) 149 W/Tile -High mode 195 W/m² 41 W/Tile (typ)
Warmteafvoer	1529 BTU/h/m² (max) -Standard mode 2420 BTU/h/m² (max) -High mode
Warmteafvoer voor/achter	54% / 46%
Operationele voedingsspanning	AC power: 100-240V 50/60Hz DC power: Input: 36-55Vdc 16A (max.) Output: 36-55Vdc 10.72A/36V (max.) or 12.55A/55V (max.)
Operationele vochtigheidsgraad	10 -80%
Operationele temperatuur	-10°C to +40°C / 14°F to 104°F
Temperatuur bij opslag	-20°C to +60 / -4°F to 140° F
Luchtvochtigheid bij opslag	10 -85%
Redundantie	Power: Optional Data: Standard Inter-tile redundancy, Embedded signal loop redundancy, Optional N + N redundancy
HDR	HLG / HDR10 supported
Concave kromming	Up to 5° standard curved tile (7m radius) Up to 5° curved modular tile (3,5m radius)
Convexe kromming	Up to 3° standard curved tile (12m radius)
Plafondconfiguraties ondersteund?	Yes
Afmetingen	(WxHxD) 609.92x343.08x94mm / 24.01"x13.5"x3.70"
Gewicht	Standard / curved tiles: 8.3kg/tile (single PSU) / 8.7kg/tile (dual PSU) Modular curved tiles: 9.1kg/tile (single PSU) 9.5kg/tile (dual PSU)
Geschiktheid voor onderhoud	Full front & full back service Modular curved tile -Full front & full back service (PSU only back access)
Kabelbeheer	No external cabling
Installatie	Self-leveling with surface tolerance compensation
Vervangen Module	Automated parallel motorized extraction
Plaatsen Module	Guided module placement
Ergonomie	SteadyView™ driver algorithm to reduce eye fatigue
Certificeringen	CE, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years
EssentialCare Service-aanbod	10 years with LED batch compatible modules

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