# ICX1.5-E

1.56 mm pixel pitch, high-res indoor LED display, super-high cost- effective



- 27" tiles in 16:9 aspect ratio
- Unparalleled image quality presentation, 100% coverage of Rec. 709 gamut
- Easy to use, install and maintain
- Maximized product uptime

The new ICX series further expands Barco's indoor high-resolution LED tiles portfolio. The 27" inch tiles with a pixel-pitch ranging from 0.9mm to 1.8mm deliver superior seamless results, and the series includes all necessary features to maximize the reliability of your LED wall.

## Superior viewing experience

With each tile having a 16:9 aspect ratio, it is child's play to create native Full HD or UHD screens. This allows displaying video in the most common formats in full, without compression or unused canvas. What's more, the camera-supported seam correction technology makes sure tiles easily align, creating a single seamless canvas viewing experience.

#### Easy to install and maintain

Because these LED tiles are designed for wall mounting, they are fully accessible from the front – creating a shallow depth. The improved robustness and the Assisted Module Extraction make sure the tiles can be easily removed, for maintenance or replacement needs, with a reduced risk of pixel damage.

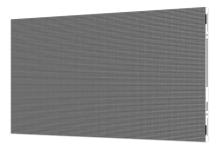
#### Consistently superior image quality

Barco-customizable light source is adopted to make the color reach Rec.709 standard. The screen is further improved in the color gamut, gray level and detail presentation. With all the core components of first-class quality, the screen has perfect flatness and wide viewing angle, and the professional visual image rendering in the future 7/24 use of the control room achieves the best effect.

## **Unrivaled reliability**

In order to support the use of Direct LED in critical environments and prevent





downtime, redundancy of both power and data can be integrated in the XT series. Also, instead of facing sudden complete wall downtime, the users can get a warning so proactive measures can be taken against potential wall failures.

### Super-high cost-effective

All components of ICX series products are made of high-quality materials, which ensures the long service life of the whole screen and ultra-high cost performance. What you see is what you get.

Ceneral specificationsPixel pitch1.56 mmPixel pitch364 x 216 pdH x VILED lifetime100000 Hwideo-50% brightnessilBrightness500 nbsPixel density400600 (Pixels/ m2)Processing16 bitsColors281 trillionControlNovastarColor temperature2000K to 9500K adjustableRefresh rate3840 HzHor. vlewing angle155° +/-5%050% brightnessilVert. vlewing angle155° +/-5%050% brightnessilDimming0-100%Contrast150001Power consumption175W/m <sup>3</sup> ltop. 0.460W/m <sup>3</sup> bmaxilHeat displation584 BTU/h/IllimaxilOperational temperature-20°C to +53°COperational temperature-20°C to +53°COperatio	Product specifications	ICX1.5-E
Pixels per tile     384 x 216 px/H x VII       LED lifetime     100000 hlv/dec-50% brightnessI       Brightness     500 nits       Prixel density     409600 (Pixels/ m2)       Processing     16 bits       Colors     281 trillion       Control     Novastar       Color temperature     2000K to 9500K adjustable       Refresh rate     3840 Hz       Hor. viewing angle     155* +/-5%050% brightnessI       Vert. viewing angle     140* +/-5%050% brightnessI       Brightness uniformity     >98%       Dimming     0-100%       Contrast     05000.1       Power consumption     175%/m <sup>2</sup> /tpy.I 460W/m <sup>2</sup> /tmax.II       Head dissipation     584 BTU/h/Il/tpy.I 1534 BTU/h/Il/max.II       Operation power voltage     100-240V / 50-60 Hz       Operational temperature     -20°C to +50°C       Operatio	General specifications	
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Warranty 1 year	Certifications	CCC
	Warranty	1 year

#### Last updated: 12 Apr 2024

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