

# C5

## 5.5mm pixel pitch, black face indoor LED display



The C5 LED display is a member of Barco's successful C-series. The C-series product range is renowned for being light weight, easy to install, silent and power efficient. Next to these remarkable qualities, C5 also relies on the powerful DX based image processing, offering outstanding image quality and ease of use. Combining the C-series backbone with Barco's renowned DX based processing results in a versatile product.

Next to serving the highly demanding rental & staging market , C5 is also a very attractive product for fixed installations thanks to its minimal need for maintenance, limited thickness and low power consumption.

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**Product specifications****C5**

<b>Pixel pitch</b>	5.55 mm
<b>Brightness</b>	2,000 nits (calibrated at 6500° K)
<b>LED configuration</b>	SMD RGB Black
<b>Pixel density</b>	5,184 LEDs per tile (72x72)
<b>Contrast ratio</b>	3,500:1 @ 200 lux
<b>Hor. viewing angle</b>	+/-60° (min 50% brightness)
<b>Lifetime</b>	100,000 hours (@50% brightness)
<b>Power consumption</b>	660 W/m <sup>2</sup> (max) 220 W/m <sup>2</sup> (typical)
<b>Vert. viewing angle</b>	+/-60° (min 50% brightness)
<b>Weight</b>	6.4 kg/tile 40 kg/m <sup>2</sup>
<b>Processing</b>	DX-series (NNI-based)
<b>Colors</b>	281 trillion
<b>Refresh rate</b>	3,200 Hz
<b>Temperature range</b>	0°C/+40°C (operational) -20°C/+60°C (storage)
<b>Humidity</b>	35% / 85% (operational) 10% / 90% (storage)
<b>Truss build-up</b>	Max. 25 tiles (10m)
<b>Foot build-up</b>	Max. 12 tiles (4.8m)
<b>Source compatibility</b>	CVBS, YC, YUV, RGB, DVI (single and dual link, up to 2048 x 1536), SDI, HDSDI, Dual link HDSDI
<b>Power connection</b>	Max. 20 tiles/16 A circuit
<b>Data connection</b>	Up to 150 tiles per NNI output
<b>Tile/tile Z-alignment</b>	+/-0.5mm
<b>Curve capability</b>	0° (standard) Radius +4m / +8m / -10m / -22m (optional)
<b>Alternative curves</b>	custom dowels required
<b>Dimensions (HxWxD)</b>	400 x 400 x 63 mm
<b>Certifications</b>	ETL, CE, RoHS, FCC, TUV (pending), CCC (pending)