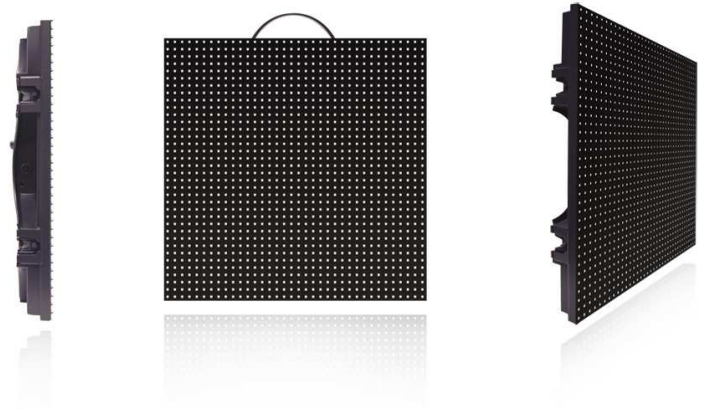


# C7

## 7mm pixel pitch, 2,000 nits, surface-mounted LED tile



The Barco C-series LED displays are environmentally friendly displays, with less power consumption and heat generation of other LED displays. The C7 LED display is an indoor solution for both rental and permanent installations. It also features a true 100,000-hour lifetime along with RoHS compliance.

### Ultimate performance

Fortunately, being green doesn't mean sacrificing performance. With its 2,000 nits high contrast calibrated output, C7 stands out in the most demanding environments. Superior color reproduction is achieved through sophisticated calibration and control algorithms. All this technology comes in an ultra-thin, fanless enclosure requiring no tools for deployment and servicing.

### Flexible image processing

C7 is driven by a DX video processor to offer flexible image processing. You can zoom, crop, and create multi-windows without any additional equipment.

**BARCO**

Visibly yours

**Product specifications****C7**

<b>Pixel pitch</b>	7.69 mm
<b>Brightness</b>	2,000 nits
<b>LED configuration</b>	SMD RGB Black
<b>Pixel density</b>	2,704 LEDs/tile (52x52)
<b>Hor. viewing angle</b>	+/-60° (min 50% brightness)
<b>Vert. viewing angle</b>	+/-60° (min 50% brightness)
<b>Contrast ratio</b>	3500:1 @ 200 lux
<b>Lifetime</b>	100,000 hours (@50% brightness)
<b>Power consumption</b>	660W/m <sup>2</sup> (max) 220W/m <sup>2</sup> (typical video)
<b>Weight / Tile</b>	6.4 kg
<b>Weight/m<sup>2</sup></b>	40kg
<b>Dimensions (HxWxD)</b>	400 x 400 x 63 mm
<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. 12 tiles high
<b>Foot build-up</b>	Max. 25 tiles high
<b>Source compatibility</b>	CVBS, YC, YUV, RGB, DVI (Single & Dual link, up to 2048x1536), SDI, HDSDI, Dual link HDSDI
<b>Power connection</b>	Max. 20 tiles / 16A circuit
<b>Data connection</b>	Up to 150 tiles per NNI output
<b>Tile/tile Z-alignment</b>	+/- 0.5 mm
<b>Curve capability</b>	0° (standard) Radius +4m / +8m / -10m / -22m (optional)
<b>Alternative curves</b>	Custom dowels required
<b>Certifications</b>	ETL, CE, FCC, CCC (pending), TUV (pending), RoHS