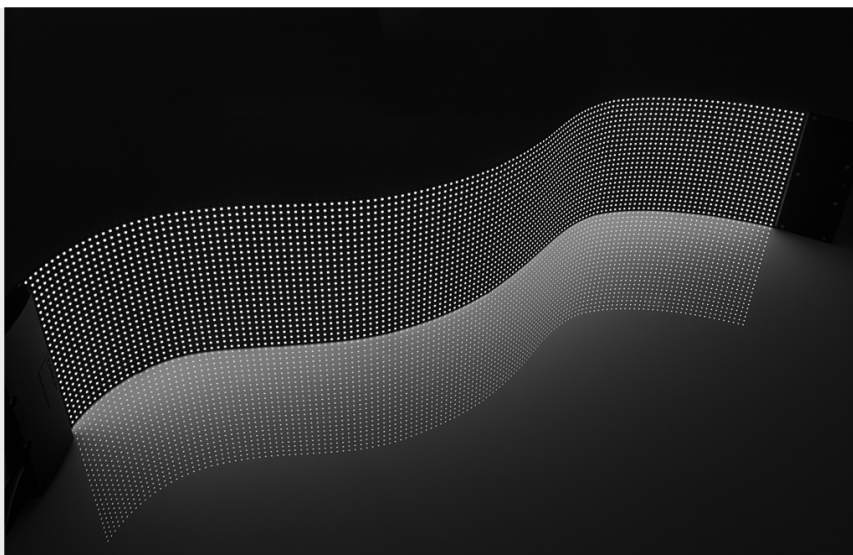


# R10

## 10.83mm pixel pitch, 5,000 nits outdoor digital media canvas



Barco's revolutionary R-series digital media canvas is a flexible, lightweight, ultra-thin LED technology that frees you from the limitations of traditional LED displays to make your message stand out in unimaginable installations. The innovative R-series design ensures smooth and quick installation for fast setup time and reduced cost.

### Endless creativity

The R-series expands creative possibilities beyond traditional applications. As there's no need for supporting structures the R-series can be glued onto a surface. Thanks to its flexible design architectural constraints are reduced and less space needs to be freed up. There are also no visual gaps between sheets.

### Digital in a day

Weighing less than 6kg/m<sup>2</sup> and only 5mm thick (incl. louvers), the R10 is much easier to install. Offered in sheets up to 4.68 meters long, large amounts can be stored and transported, and larger surfaces can be covered at once – reducing costs, while speeding up installation time. Cabling, control, and power electronics are integrated on every sheet, to cut cable clutter.

### Powerful processing

The R10 is driven by the Infinipix™ image processing platform that provides a straightforward web-based interface for display configuration, dimming, control, monitoring, and maintenance – anywhere, anytime, and from any device. Based on HTML5, different operating systems and mobile devices can be used to control the R-series.

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**Product specifications****R10**

<b>Pixel pitch</b>	10.83 mm
<b>LED configuration</b>	SMD
<b>Pixel per module</b>	24 x 36 (H x V) (multiples of)
<b>Pixel density</b>	8,640/sqm 803/sqft
<b>LED lifetime</b>	100,000 hrs
<b>Brightness</b>	5,000 nits (typical)
<b>Processing</b>	16 bit/color
<b>Colors</b>	281 trillion
<b>Dimming</b>	16 bit
<b>Refresh rate</b>	less than 10,000 Hz
<b>Hor. viewing angle</b>	110° (@ 50% brightness)
<b>Vert. viewing angle</b>	110° (@ 50% brightness)
<b>Power consumption</b>	228W/m² (typical)
<b>Curve capability</b>	0.5 meter radius
<b>Operation power voltage</b>	100-240V 50/60Hz
<b>Operating temperature</b>	-20/+45 °C -4/+113 °F
<b>Operational humidity</b>	10-95%
<b>IP rating</b>	IP65
<b>Dimensions</b>	(HxWxD) (multiples of) 260 x 390 x 5mm / 10.23 x 15.35 x 0.2 inches
<b>Weight</b>	less than 5kg/sqm / 11lbs/sqm (display only)
<b>Serviceability</b>	Front
<b>Certifications</b>	CE, ETL, FCC Class A, WEEE, RoHs
<b>Warranty</b>	1 year

Last updated: 05 Jul 2016  
Technical specifications are subject to change without prior notice.  
Please check [www.barco.com](http://www.barco.com) for the latest information.

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