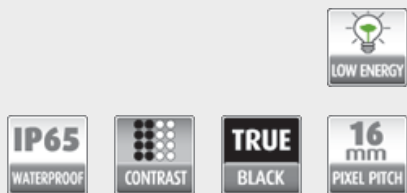


# TF16BK

<P>16mm pixel pitch, 6,000 nits black lamp LED tile</P><br>



Barco's TF16BK is among the blackest LED displays on the outdoor LED display market today, and is very energy-efficient to boot. Its black lamp LEDs offer a vastly improved contrast ratio, delivering high-resolution images that immediately draw attention to their content. The TF16BK can easily be used in bright sunlight as well as in rainy weather, and is thus ideal for outdoor use.

**BARCO**

Visibly yours

**Product specifications****TF16BK**

<b>Pixel pitch</b>	16.0 mm
<b>Brightness</b>	6,000 nits
<b>LED configuration</b>	3x lamp
<b>Pixel density</b>	11,739/sqm 1,092/sqf 3,600/tile (60x60)
<b>Hor. viewing angle</b>	110° (min 50% brightness)
<b>Vert. viewing angle</b>	+15, -40° (min 50% brightness)
<b>Contrast ratio</b>	7,000:1 (at 500 lux)
<b>Lifetime</b>	100,000 hours to 50% of initial brightness
<b>Power consumption</b>	400W/tile (max) 120W average
<b>Operation power voltage</b>	200-240V / 50-60Hz
<b>Tile dimensions</b>	Width: 960mm Height: 960mm Depth: 275mm
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<b>Weight / Tile</b>	48 kg
<b>IP rating</b>	IP65/54
<b>Processing</b>	16 bit/color
<b>Colors</b>	281 trillion
<b>Refresh rate</b>	800Hz
<b>Link interface</b>	DVI interface (DVI connector)
<b>Max link length</b>	4.5m (with Barco DVI cable)
<b>Interfaces</b>	2x DVI
<b>Max power cascade connection</b>	6 tiles
<b>Serviceability</b>	Front and back (tools required for front)
<b>Operating temperature</b>	-35 - 50°C
<b>Storage temperature</b>	-35 - 50°C
<b>Operational humidity</b>	10-99%
<b>Storage humidity</b>	10-99%
<b>Source compatibility</b>	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)
<b>Operatable digitizer</b>	DX-700 (with DVI output card), D320, LEDPRO
<b>Certifications</b>	ETL, CE, FCC, RoHS, CCC, TUV