

TF-16BK

16mm pixel pitch, 6,000 nits black lamp LED tile



Barco's TF-16BK is among the blackest LED displays on the outdoor LED display market today, and the most energy-efficient to boot. It delivers high-resolution images with deeper black level. Its black lamp LEDs offer a vastly improved contrast ratio, which draws attention to its content almost immediately. The TF-16BK can easily be used in bright sunlight as well as in rain, and is thus ideal for use at all outdoor locations.

Technical specifications

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