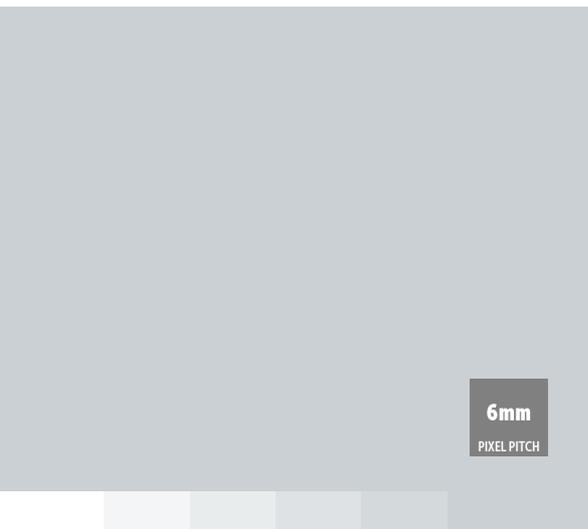# ILite 6 BK

6mm pixel pitch, 2,000 nits surface-mounted LED tile

**6mm**
PIXEL PITCH

Thanks to its attractive price-performance ratio, Barco's ILite 6 BK is a smart choice for events and indoor installations that require a modular and thin LED tile. What's more, it is easily and quickly serviceable. The high-class LED technology makes sure that your overall image consistency remains excellent, even when tiles are added to or removed from the display.

### Complete rental solution

The ILite 6 BK has been designed with the road in mind and features easy set up, simple serviceability (OSD, Tiles swap) and upgradeability. As a complete rental solution, it includes rugged rental structures, sturdy flight cases and the new DX-700 which allows you to have your display installed in no time.

### Cross-rentable

Thanks to Barco's renowned color calibration technology, the ILite 6BK tiles are fully cross-rentable. This technology allows you to mix and match tiles of different batches and various run-time ages to obtain a seamless display with a perfect image every single time. The ILite 6 BK is also compatible with the complete range of existing ILite peripherals and sources.

### Best price-performance

ILite can be used in all indoor environments and offers you the best visual performance for a minimum investment, hereby ensuring maximum return on investment.

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## PRODUCT SPECIFICATIONS — ILITE 6 BK

| | |
|---|---|
| Pixel pitch | 6.22 mm |
| Brightness | 2,000 nits |
| LED configuration | 3-in-1 SMD |
| Pixel density | 25,829/sqm<br>2,402/sqf<br>5,184/tile (72x72) |
| Hor. viewing angle | 120° (min 50% brightness) |
| Vert. viewing angle | +60, -60° (min 50% brightness) |
| Contrast ratio | 3,000:1 (at 500 lux) |
| Lifetime | 45,000 hours to 50% of initial brightness |
| Power consumption | 335 W/tile (max)<br>156 W average |
| Operation power voltage | 200-240V / 50-60Hz |
| Tile dimensions | Width: 448mm<br>Height: 448mm<br>Depth: 150mm |
| Weight / Tile | 14.3 kg |
| IP rating | Indoor use only |
| Processing | 14 bit/color |
| Colors | 4.4 trillion |
| Refresh rate | 400Hz |
| Foot build-up | Max. 12 tiles high |
| Truss build-up | Max. 15 tiles high |
| Link interface | DVI interface (DVI connector) |
| Max link length | 4.5m (with Barco DVI cable) |
| Interfaces | 2x DVI link |
| Max power cascade connection | 6 tiles |
| Serviceability | Back |
| Operating temperature | 0-40°C |
| Storage temperature | -20 -60°C |
| Operational humidity | 35-85% |
| Storage humidity | 10-90% |
| Source compatibility | CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (with DX700: and Dual link DVI, Dual link HDSDI) |
| Operatable digitizer | DX-700 (with DVI output card), D320, LEDPRO |
| Certifications | CE classA, TUV, FCC, Class A, ETL, RoHS |

**Last updated: 26 Nov 2019**

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.

**ENABLING BRIGHT OUTCOMES**

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