

ILite 6 BK

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



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.

Product specifications**ILITE 6 BK**

General specifications	
Pixel pitch	6.22 mm
Brightness	2,000 nits
LED configuration	3-in-1 SMD
Pixel density	25,829/sqm 2,402/sqf 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) 156 W average
Operation power voltage	200-240V / 50-60Hz
Tile dimensions	Width: 448mm Height: 448mm 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: 16 Mar 2023

© 2018 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.