

ILite 6 BK



CREATIVE
TECHNOLOGY

6MM LED DISPLAY

Introducing the newest member of Barco's ILite series, the revolutionary ILite 6 BK, with 3,000:1 contrast ratio, 2,000 NIT brightness, and 14-bit colour processing.

Black LEDs, redesigned shaders, and extra gray scale processing deliver three times the contrast ratio of ILite 6 XP - even in low light settings. Extreme Fill Factor produces uniform images, while 2,000 NIT brightness delivers suitable light levels for indoor applications.

Barco's System Colour Signature, True Colour/Motion Reproduction, and 14-bit processing ensure vibrant images and flicker-free video, with a colour gamut that exceeds PAL/NTSC. Powered by Barco's DX-700, ILite 6 BK is fully compatible with all ILite series peripherals, and installs neatly and discreetly where space requirements are limited.

SPECIFICATION

Pixel pitch	6mm
Calibrated Brightness	2000 NIT (calibrated at 6500°K)
LED configuration	3-in-1 SMD
Pixel density	25.920/m ² (2410/ft ²) 5.184/tile (72x72)
Horizontal viewing angle	120° + (min. 50% brightness)
Vertical viewing angle	120° + (min. 50% brightness)
Contrast ratio	3000:1
Lifetime	45.000h (full white - half brightness)
Power consumption	maximum: 355 W/tile average: 156 W/tile
Weight	13 Kg (28.7lbs)
Processing	14 bit/colour (Colour)
Colours	4,4 trillion
Refresh rate	400 Hz (PAL/NTSC minimum)
Temperature range	Operating 0 - 40°C (32 - 104°F) Storage -20 - 60°C (-4 - 140°F)
Humidity	Operating 35 - 85% Storage 10 - 90%
Source compatibility	S-Video, Composite, YUV, RGB, SDI, HDSDI, Data DVI up to SXGA
Certifications	UL - CE - TUV - CEBEC
Tile dimensions	Width: 448mm (17.6") Height: 448mm (17.6") Depth: 149.5mm (5.89")

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448mm (17.6')



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