

## ILite 8



**CREATIVE**  
TECHNOLOGY

### 8MM LED DISPLAY

The Barco ILite 8 LED display module offers an 8 mm resolution but follows the high quality standards set by the high resolution ILite 6 LED display. The ILite 8 scores high on light output, colour uniformity, contrast, flexibility but also offers seamless pictures. This LED display module is ideal for solutions that require small daylight displays with a slightly lower resolution when compared with the ILite 6.

The modular concept guarantees optimal flexibility and seamless pictures. State-of-the-art mechanical design allows servicing of the modules from the back as well as the front of the display. Built-in 'intelligence' enables auto-configuration and hot-swapping of tiles without interrupting the performance of the display. The ILite's stunning resolution and high fill factor provides shorter viewing distance, smoother picture and unique performance. The best LED components available worldwide provide Barco with maximum direct brightness and a true 50% brightness at 145° horizontal and vertical angles, addressing 'Colour Shift' issues.

Barco's leading-edge technology implemented in the ILite series distributes the video signal for processing inside each individual tile. This delivers perfect video and PC data performance over the entire display regardless of size, shape or resolution.

## SPECIFICATION

Pixel pitch	8 mm
Brightness	2500 NIT
Calibrated Brightness	2000 NIT (calibrated at 6500°K)
LED configuration	3-in-1 SMD
Pixel density	15,680/m <sup>2</sup> (1.458/ft <sup>2</sup> ) 3,136/tile (56x56)
Horizontal viewing angle	145° + (min. 50% brightness)
Vertical viewing angle	145° + (min. 50% brightness)
Contrast ratio	950:1
Lifetime	45,000h (full white - half brightness)
Source compatibility	S-Video, Composite, YUV, RGB, SDI, HDSDI, Data DVI up to UXGA
Power consumption	maximum: 400 W/tile average: 100 W/tile
Weight	13 Kg (28,7 lbs)
Processing	12 bit/colour (Colour)
Colours	68,7 billion
Refresh rate	400 Hz (PAL/NTSC minimum)
Temperature range	<b>Operating</b> 0 - 40°C (32 - 104°F) <b>Storage</b> -20 - 60°C (-4 - 140°F)
Humidity	<b>Operating</b> 35 - 85% <b>Storage</b> 10 - 90%
Certifications	UL - CE - TUV - CEBEC
Tile dimensions	Width: 448mm (17.6") Height: 448mm (17.6") Depth: 149,5mm (5.89")

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