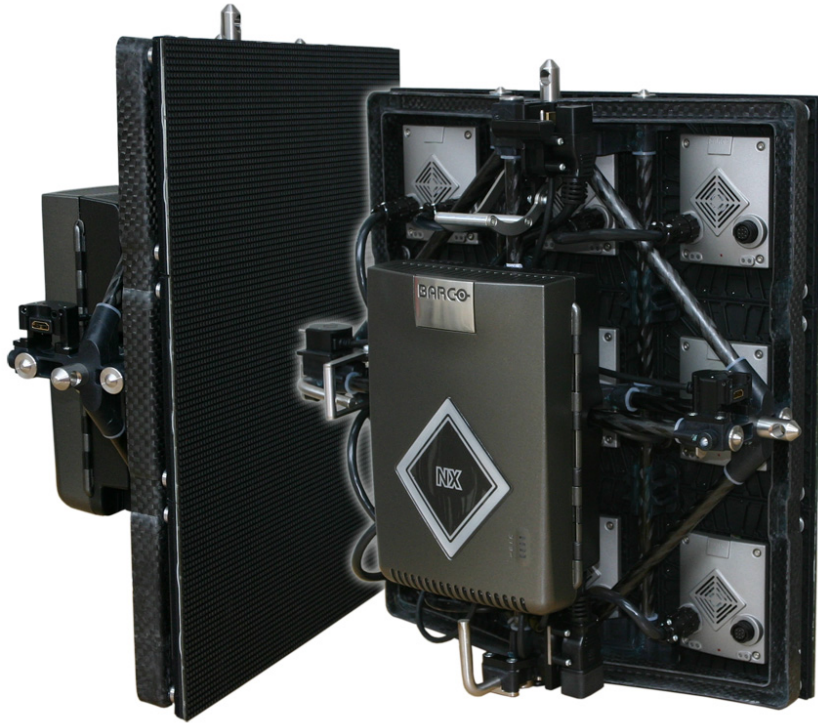


# BARCO NX-4



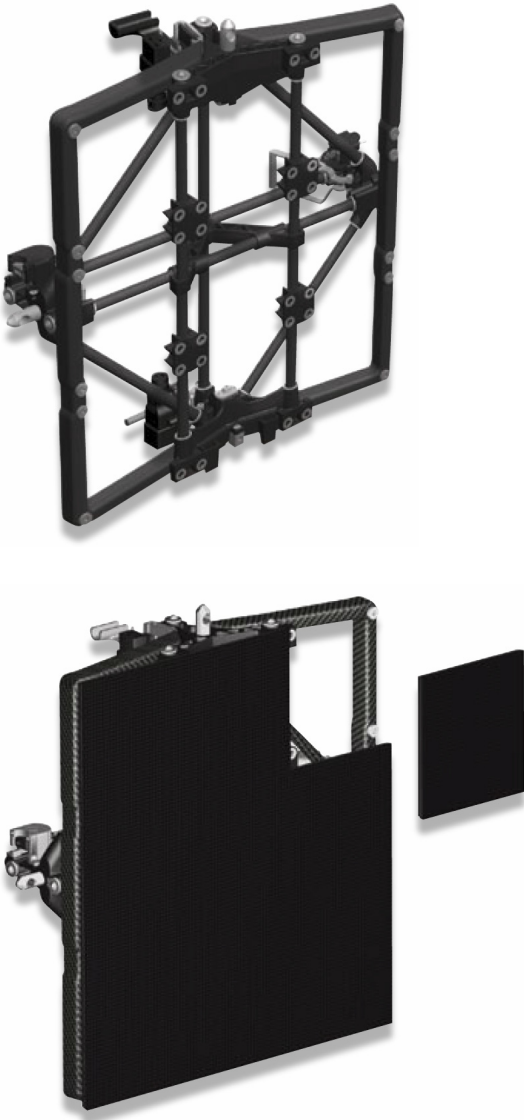
**CREATIVE  
TECHNOLOGY**

## BARCO NX-4 LED MODULES

The next breakthrough in LED display — Barco's NX-4, is the industry's new visual standard in indoor LED technology. The NX-4 is a true black LED, not just a black package, this is a radical new design from the interior resin to the exterior shaders. With this LED, the NX-4 delivers the deepest black levels of any product on the market. When combined with a light output of 2000 Nit, a phenomenal contrast level of 4000:1 is achieved.

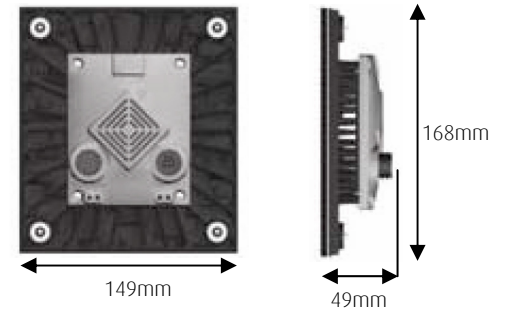
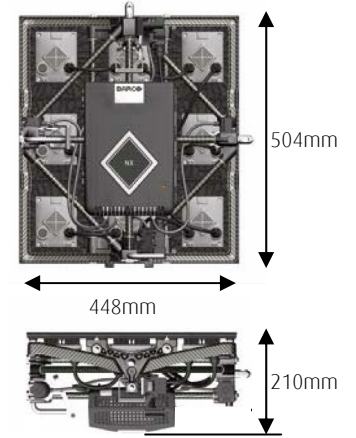
But the new black LED is only one element that makes the NX-4 unique. Key advances in base materials, mechanical design and colour processing have raised the bar of LED displays to new heights of image quality. The NX-4 takes colour processing to a new industry pinnacle - 16-bit processing and new "tri-colour" calibration on all three colours simultaneously. Tiles can be calibrated to a larger colour triangle - one that is actually wider than the HDTV standard, delivering vibrant images with deep uniform colours across the entire display surface.

The NX-4 also employs the same small modular concept as Barco's Olite series, allowing the tiles to be used either as a standard integral display or split apart for creative designs.



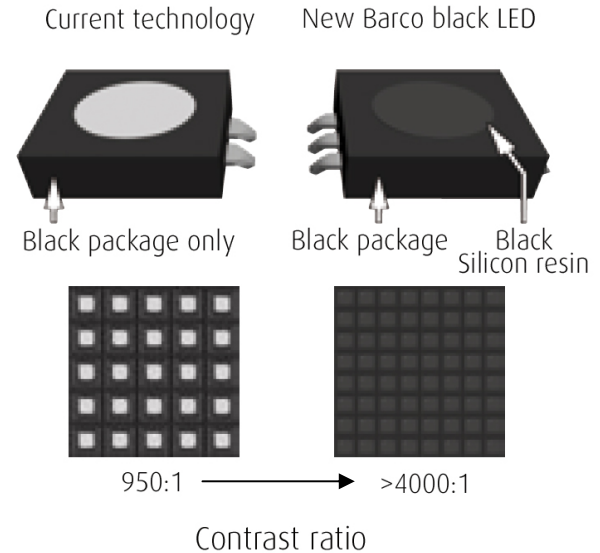
**PRODUCT SPECIFICATIONS**

Pixel pitch	4.67 mm
Calibrated brightness	2000 Nit (calibrated at 6500°K)
LED configuration	3-in-1 SMD
Pixel density	10,368 LEDs per tile (96x108)
Horizontal viewing angle	120° (min 50% brightness)
Vertical viewing angle	+48, -55° (min 50% brightness)
Contrast ratio	4000:1 (at 500 lux)
Lifetime	60,000 hours to 75% of initial brightness
Uniformity over time	<= 1% brightness drop after 3000 hours of operation
Power consumption	300 W/tile (max) 132 W/tile (average)
Weight / Tile	12.9 kg
Processing	16 bit/colour
Colours	281 trillion
Refresh rate	3,200Hz
Temperature range	0 - 40° (operating) -20 - 60° (storage)
Humidity	35 - 85 % (operating) 10 - 90 % (storage)
Truss build-up	Max. 15 tiles high
Foot build-up	Max. 12 tiles high
Source compatibility	CVBS, YC, YUV, RGB, DVI (Single and Dual link , up to 2048x1536) SDI. HD-SDI, Dual link HD-SDI
Certifications	CE class A, TUV, FCC Class A, ETL, Cebec
Tile dimensions	Width: 448mm Height: 504mm Depth: 210mm



**Key Benefits Include:**

- Phenomenal black levels due to new, black SMD LEDs
- Contrast ratio of 4000:1
- Brightness output of 2000 Nit, calibrated to 6500 Kelvin
- Seamless & lightweight due to a carbon fiber structure
- 16-bit bright colour depth & breathtaking greyscales
- Consistent display stability and uniformity
- Creativity options, single display or split apart for creative designs



**Creative Technology Ltd**  
 Unit E2  
 Sussex Manor Business Park  
 Crawley  
 West Sussex  
 RH10 9NH

Tel.: +44 (0)1293 582000  
 Fax: +44 (0)1293 582010  
 info@ctlondon.com  
 www.ctlondon.com