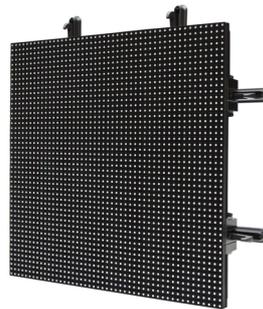
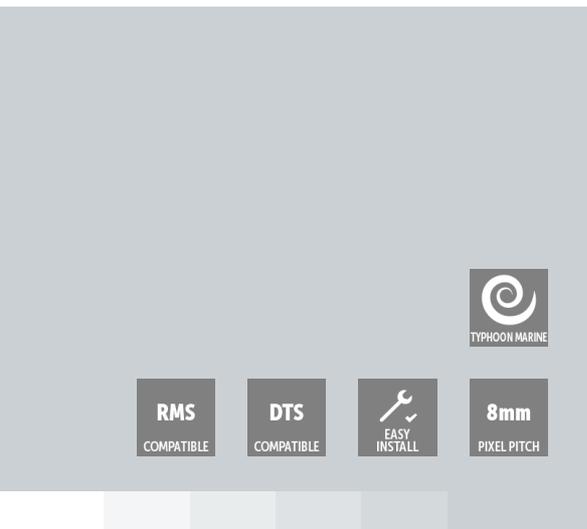


C8s

8.33mm pixel pitch, 5,000 nits seaworthy outdoor LED display



- Seaworthy display
- Slim design for easy integration
- Hermetically sealed and fanless
- Simple control

The C8s LED display is a member of Barco's renowned C-series family and shares its mechanics such as truss beams, feet and stacking frames with the other C-series LED displays. The electronic backbone of the C8s is identical to that of the C8 display, powered by the DX image processor and controlled by the Director Toolset software. Featuring a slim design, the C8s can easily be integrated in the most challenging setups.

Seaworthy design

Based on high-quality LEDs with narrow binning, the C8s is specifically designed to withstand harsh sea conditions. Its seaworthy design makes it ideally suited for cruise ship poolside theaters. The C8s meets Barco's typhoon marine test standards, your guarantee for a reliable product that endures the most severe conditions.

Ultimate image quality

The versatile C8s offers high-quality scaling, an unlimited pixel count (through stacking of multiple processors), auto redundancy and 16-bit processing per color. Its hermetically sealed and fanless design guarantees crisp images at all times. What's more, this LED display's brightness is consistent thanks to Barco's proprietary calibration carousels.

Simple control

The C8s can easily be controlled by the remote management software. Through its optional light sensors and intelligent management services, the C8s automatically adjusts its brightness.

PRODUCT SPECIFICATIONS	C8S
Pixel pitch	8.33 mm
Brightness	5,000 nits
LED type	3-in-1 SMD
Processing	16 bit/color
Colors	281 trillion
Refresh rate	3,200 Hz
Hor. viewing angle	120° @50% brightness
Vert. viewing angle	-60°/+50° @50% brightness
Contrast ratio	2,600:1
Shaders	Clickable (replaceable without tools)
Lifetime	100,000 hours @ 50% brightness
Avg Power Consumption	220 W/m ² (max 660 W/m ²)
Operation power voltage	200-240 V / 50-60 Hz
Tile size (WxHxD) in mm	400 x 400 x 68 mm
Weight	7 kg/tile 44 kg/m ²
Pixel density	14,400/sqm 1,338/sqf 2,304/tile
Curve capability	Through replaceable dowels (standard dowels: radius +4m / +8m / -7.5m / -10m / -22m)
Typhoon rating	Typhoon marine
IP rating	IP65
Max. stacking	12 tiles (with Barco foot mechanics)
Max. hanging	25 tiles
Source compatibility (with digitizer)	CVBS, YC, YUV, RGB, DVI (single and dual link, up to 2048 x 1536), SDI, HDSDI, Dual link HDSDI
3D capability	Yes (L/R separate, side by side, 120 Hz)
Interfaces/Ports	x2 HDMI link
Link interface	NNI interface (HDMI connector)
Max link length	3 m (via Barco HDMI cable) 300 m (via Barco fiber solution)
Max power cascade connection	20 tiles
Temperature range	-20°C / +45°C (operational) -20°C / +60°C (storage)
Humidity	10% / 99% (operational) 10% / 99% (storage)
Certifications	CE, ETL/UL, FCC Class B, WEEE

Last updated: 26 Feb 2019

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