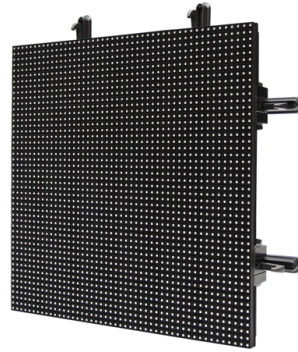
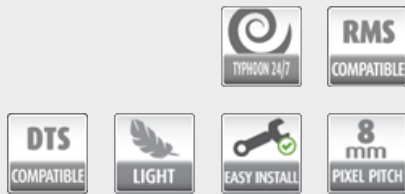


## 8.33mm pixel pitch, 5,000 nits outdoor LED display



The C8 outdoor 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 C8 is identical to that of the renowned C5 display, powered by the DX image processors and controlled by the Director Toolset software.

### Perfectly suited for cross-rental applications

As the C8 is based on high-quality LEDs with narrow binning, and the calibration is done on the Barco proprietary calibration carrousel, it is perfectly suited for cross-rental applications. This not only guarantees consistent brightness, it also offers rental companies the flexibility to combine LED tiles from different batches. Thanks to its slim design, the C8 can also easily be integrated in the most challenging setups. What's more, the display comes with clickable shaders that can simply be replaced in case of damage.

### Ultimate image quality

The versatile C8 offers high-quality scaling, an unlimited pixel count (through stacking of multiple processors), auto redundancy and 16-bit processing per color. Another significant feature is its hermetically sealed and fanless design which guarantees crisp images at all times.

### Simple control

The C8 LED display can easily be controlled by the remote management software. What's more, thanks to the optional light sensors and intelligent management services, the display adjusts its brightness automatically.

# C8

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



### **Typhoon tested**

The C8 outdoor LED display meets Barco's typhoon 24/7 test standards. In the 'typhoon test' not only the effect of water and dust (the basis for IP rating) is tested but also the impact of UV rays, varying temperatures and vibrations is taken into account. The 'typhoon tested' quality label guarantees a reliable product that can withstand the most severe weather conditions.



**Product specifications****C8**

|  |  |
|--|--|
| <b>Pixel pitch</b>                           | 8.33 mm  |
| <b>Brightness</b>                            | 5,000 nits   |
| <b>LED type</b>                              | 3-in-1 SMD   |
| <b>Processing</b>                            | 16 bit/color   |
| <b>Colors</b>                                | 281 trillion   |
| <b>Refresh rate</b>                          | 3,200 Hz   |
| <b>Hor. viewing angle</b>                    | +60°/-60° @50% brightness  |
| <b>Vert. viewing angle</b>                   | +50°/-60° @50% brightness  |
| <b>Contrast ratio</b>                        | 2,600:1  |
| <b>Shaders</b>                               | Clickable (replaceable without tools)  |
| <b>Lifetime</b>                              | 100,000 hours @ 50% brightness   |
| <b>Avg Power Consumption</b>                 | 220 W/m <sup>2</sup> (max 660 W/m <sup>2</sup> )   |
| <b>Operation power voltage</b>               | 200-240 V / 50-60 Hz   |
| <b>Tile size (WxHxD) in mm</b>               | 400 x 400 x 68 mm  |
| <b>Weight</b>                                | 7 kg/tile<br>44 kg/m <sup>2</sup>  |
| <b>Pixel density</b>                         | 14,400/sqm<br>1,338/sqf<br>2,304/tile  |
| <b>Curve capability</b>                      | Through replaceable dowels (standard dowels: radius +4m / +8m / -7.5m / -10m / -22m)           |
| <b>Typhoon rating</b>                        | Typhoon 24/7   |
| <b>IP rating</b>                             | IP65   |
| <b>Max. stacking</b>                         | 12 tiles (with Barco foot mechanics)   |
| <b>Max. hanging</b>                          | 25 tiles   |
| <b>Source compatibility (with digitizer)</b> | CVBS, YC, YUV, RGB, DVI (single and dual link, up to 2048 x 1536), SDI, HDSDI, Dual link HDSDI |
| <b>3D capability</b>                         | Yes (L/R separate, side by side, 120 Hz)   |
| <b>Interfaces/Ports</b>                      | x2 HDMI link   |
| <b>Link interface</b>                        | NNI interface (HDMI connector)   |
| <b>Max link length</b>                       | 5 m (via Barco HDMI cable)<br>300 m (via Barco fiber solution)                                 |
| <b>Max power cascade connection</b>          | 20 tiles   |
| <b>Temperature range</b>                     | -20°C / +45°C (operational)<br>-20°C / +60°C (storage)   |
| <b>Humidity</b>                              | 10% / 99% (operational)<br>10% / 99% (storage)   |
| <b>Certifications</b>                        | ETL/UL, CE, FCC class B, RoHS, TUV   |