

# OLite 612

12mm pixel pitch, 6,000 nits surface-mounted LED tile



12mm  
PIXEL PITCH

IP65  
WATERPROOF



**Product specifications****OLITE 612****General specifications**

Pixel pitch	12.4 mm
Brightness	6,000 nits
LED configuration	3-in-1 SMD
Pixel density	3,888 LEDs per tile (72x54) (rental) 1,944 LEDs tile (36x54) (fixed)
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Hor. viewing angle	110° (min 50% brightness)
Vert. viewing angle	+40, -50° (min 50% brightness)
Contrast ratio	1,150:1 (at 500 lux)
Lifetime	50,000 hours to 50% of initial brightness
Power consumption	800W/tile (max) -240W average (rental) 400W/tile (max) -120W average (fixed)
Operation power voltage	200-240V / 50-60Hz
Tile dimensions	Width: 896mm (rental) Height: 672mm (rental) Depth: 246mm (rental) Width: 448mm (fixed) Height: 672mm (fixed) Depth: 116mm (fixed)
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Weight / Tile	58 kg (rental) 17 kg (fixed)
IP rating	IP65/65
Processing	16 bit/color
Colors	281 trillion
Refresh rate	800Hz
Foot build-up	Max. 12 tiles high
Truss build-up	Max. 15 tiles high
Link interface	DVI interface (DVI connector)
Max link length	4.5m (with Barco DVI cable)
Interfaces	2x DVI link
Max power cascade connection	3 tiles
Serviceability	Back
Operating temperature	-20 -45°C
Storage temperature	-20 -60°C
Operational humidity	10-99%
Storage humidity	10-99%
Source compatibility	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)
Operable digitizer	DX-700 (with DVI output card), D320, LED-PRO
Certifications	UL, CE class A, TUV, FCC, ClassA

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