BO2
(Indoor) LED Display

The Black Onyx **BO2** 2mm LED tile is high resolution, light weight and designed with a strong magnesium alloy structure. It incorporates black LEDs which deliver a high contrast ratio. The BO2 includes innovative rental mechanics to provide a seamless quality image without a lot of time consuming adjustments. Its slim design, high contrast and brightness ensure a stunning image under even high ambient light conditions. The high refresh and color processing provide a flicker-free performance on any application.
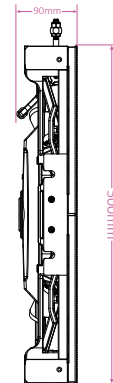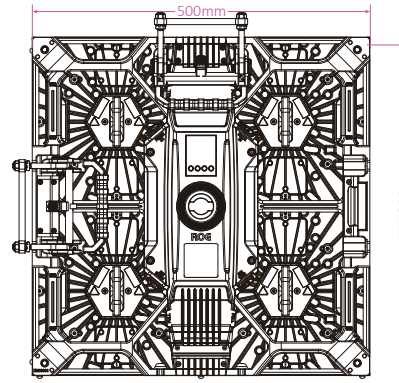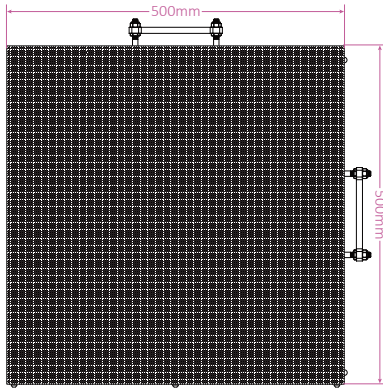
HIGH RESOLUTION

THIN • LIGHTWEIGHT • FAST SET-UP

STRONG MAGNESIUM ALLOY STRUCTURE

INNOVATIVE RENTAL MECHANICS

SEAMLESS HIGH QUALITY OUTPUT

STUNNING IMAGE QUALITY

Specifications	BO2
Pitch (mm)	2.84
LED Type	3 in 1 Black SMD
Number of Pixels	176 x 176 (30,976) / Tile
Pixel Density (Pixel/m2)	123,904
Tile Dimensions (LxHxD)	500mm x 500mm x 90mm (19.7" x 19.7" x 3.6")
Brightness	1,800 nits
AC Power In	100-240V
Power Consumption (w/unit)	160 Watt / Tile Max
Weight/Tile (only)	9.4 Kg (20.7 lbs)
Colors	281 Trillion
Refresh Rate	1,920Hz
Viewing Angle Vertical	140°
Viewing Angle Horizontal	140°
Life Time (Hr)	50,000

The BO2 2mm tile has been customized to run on our renowned M2 processor like many of our other LED products. The M2 offers ease of setup, virtually unlimited mapping capabilities and leading video processing performance. Its innovative design supports easy installation for both hanging and stacking. That said, the BO2/M2 combination is the perfect LED solution for your next event production.

M2 PLATFORM
HD Video Processor

The **M2 Processor** features powerful front-end processing including broadcast-quality scaling and motion de-interlacing, so there is no need to use an external scaler or scan converter. Each input can be fully configured for contrast, brightness, gamma, hue, saturation, and RGB gain. Video can be cropped and scaled to perfectly fit the LED display configuration. The system is configured with an intuitive and powerful user interface (Mac or PC) or locally, by plugging in a USB mouse and keyboard and monitor into the processor.

POWERFUL FRONT-END PROCESSING
SCALER
DEINTERLACER
PIXEL MAPPING
GET CREATIVE!

AUDIO | AV | BROADCAST | CAMERA | LED | VIDEO | LIGHTING | RIGGING

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