Mediatec
NEP Live Events

Modular LED Screen
ROE 2.8
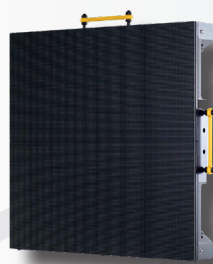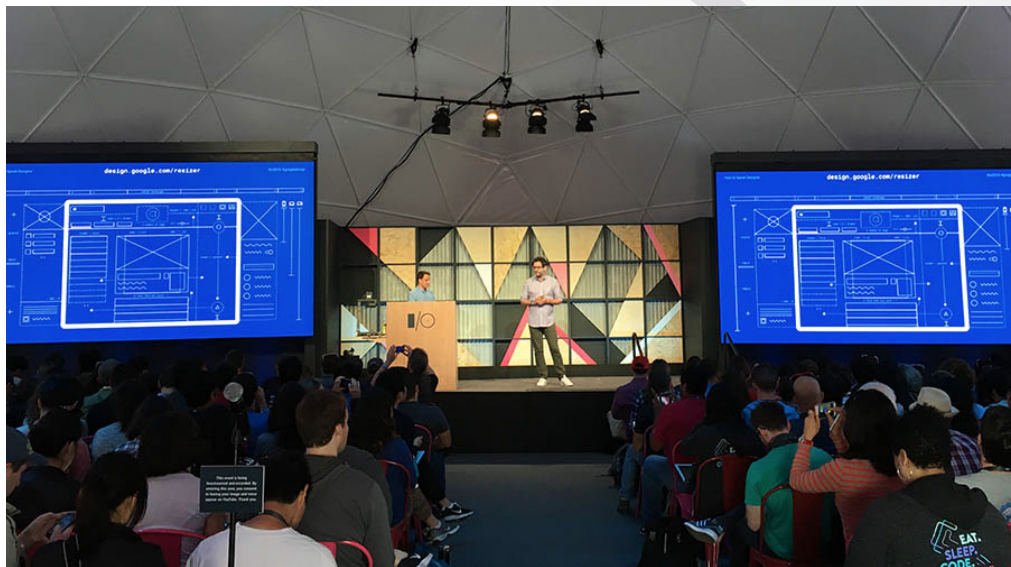
Technical Specifications

Type:	Indoor SMD
LED type:	SMD 3 in 1, 1R1G1B
Panel area:	0.25 m²
Screen dimensions, W x H x D:	500 x 500 x 90 mm
Pixel pitch:	2,84 mm
Panel resolution:	176 x 176 dots
Physical density:	123,904 pixels / m²
Brightness:	1,500 nits
Weight:	9,4 kg / panel
Viewing angle, Horizontal:	110 degrees
Viewing angle, Vertical:	100 degrees
Contrast:	5000:1
Power supply:	90V - 264V AC 50/60Hz
Power consumption (max):	160 W / panel, 640 W / m²
Typical power consumption:	72,5 W / panel, 290 W / m²
Display gradations/colours:	16 bits
Refresh rate:	≥ 2640 Hz
Input signals:	SDI, HDSDI, HDMI, DVI
Signal connection:	CAT5E
Processor:	Brompton
Temperature range:	-20°C - +45°C* in 10 - 90% RH
Ingress protection:	IP30

The pixel pitch of 2.8mm makes the product perfect for 4K & Ultra HD applications where the very highest resolution is required.

The Black OnyX is powered by a cutting-edge Tessera LED processing system from Brompton Technology who's management software provides a powerful interface for controlling all aspects of the system.

The mechanical design of the Black OnyX enables fast & simple installation for both hanging & stacking applications.