

R16i/o-II SPECIFICATIONS  
16mm Rental Indoor/Outdoor Oval LED Panel-II

Parameter	Unit	Value
Brightness	nits	5,000
Colour temperature	deg. K	6,500
Viewing angle - Horizontal (50% brightness)	deg.	140(+70/-70)
Viewing angle - Vertical (50% brightness)	deg.	45(+20/-25)
Panel weight	kg	48
Panel diagonal	mm	1,269
Panel width	mm	1,016
Panel height	mm	762
Panel depth	mm	163
Panel area	sq. m.	0.774
Panel material		Aluminum
Aspect ratio		4:3
Ingress protection (front/rear)	IP	IP65/IP21
Operating temperature range	deg. C	-20 to +50
Pixel type and configuration	R/G/B	1,1,1
Pixel pitch	mm	15.88
Pixel matrix per panel		64 x 48
Pixels per panel		3,072
Lines per meter		63
Pixels per sq. meter		3,968
LED per sq. meter		11,904
Recommended minimum viewing distance	m	16
Colours		4.4Trillion
Grey scale (linear)	Levels	16,384 levels per colour
Brightness control	Levels	95
Contrast ratio		2,000:1
Digital processing	bit	14
System type		M4
Frame rate	Hertz	50/60
Display refresh rate	Hertz	100,000
Input voltage (nominal)	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	Watts	691
Lifetime (50% brightness)	Hours	? 75,000
Red wavelength (dominant)	nm	615
Green wavelength (dominant)	nm	540
Blue wavelength (dominant)	nm	470
Panel input format		Proprietary SDI, RGBHV, YUV, YC, Composite
Data interconnection		BNC
Rigging system		Kingpin fast rig

\* Specification subjected to change without prior notice