

R7-ER SPECIFICATIONS

7mm Rental Outdoor Enhanced Resolution Oval LED Panel

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(+15/-30)
Panel weight	kg	48kg
Panel diagonal	mm	1,269
Panel width	mm	1,016
Panel height	mm	762
Panel depth	mm	180
Panel area	sq. m.	0.774
Panel material		Epoxy paint coated 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	1,2,1
Visual resolution	mm	7.94
Dot matrix per panel		128 x 96
Dot per panel		12,288
Dot Lines per meter		126
Dot per sq. meter		15,876
LED per sq. meter		15,876
Recommended minimum viewing distance	m	8
Colours		4.4 trillion
Grey scale (linear)	Levels	16,384 levels per colour
Brightness control	Levels	95
Contrast ratio		2,000:1
Processing depth	bit	14
System type		M4
Video 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	634
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
Mounting system		king pin Fast rig

* Specification subjected to change without prior notice