Overview	Features	5.33mm	6.4mm	8mm	10.6mm	12.8mm	16mm
Mechanical	Pixel Pitch	5.33mm	6.4mm	8mm	10.6mm	12.8mm	16mm
	Cabinet Material	Black anodized alluminium series 6 laser cuted					
	Application	Indoor (optional)	Indoor and Outdoor				
	Curvability	< 0.2mm tolerence +-15deg every 384mm			Flat		
	Cabinet Surface (SQM)	0.589					
	Cabinet Size (W x H x D - mm)	768 x 768 x 92					
	Cabinet Resolution (W x H - pixels)	144 x 144	128 x 128	96 x 96	72 x 72	64 x 64	48 x 48
	Cabinet Weight (KG)	22	24				
	Cabinet Flatness (W x H x D - mm)	<= 0.2					
	Pixel Density (SQM)	35200	24414	15625	8900	6104	3906
	Tile Size (W x H x D - mm)	384 x 192 (4x2 per panel)					
	Tile Resolution (W x H - pixels)	72 x 36	64 x 32	48 x 24	36 x 18	32 x 16	24 x 12
	Pitch Tolerence	0.05mm					
	IP Grade	IP 43 or IP62	IP66 (PSU IP54)				
Technical	Operating Power	AC110/220V, 50-60HZ					
	Pixel configuration	3528 True black	3535 True	3535 Black body			
	Power supply Units per Panel	x2 - 300W TDK Lambda with backup redundancy		x3 - 200 W Meanwell w/ backup redundancy			
	AV-input	Dual link DVI 1:1 with uplink					
	Gamma	Dual map for indoor and outdoor mode with black level adjustment					
	Operating Humidity Range	0-90%					
	Greyscale	16bit					
	Refresh Frequency (Hz)	>1000 up to 4000 on Highest bit refresh rate					
	Brightness Control	100 levels					
	White Balance Brightness nits at 6500K after Calibration	2500 Nits	6500 Nits				
	Operating Temp. Range	-10 to 65°C					
	Scanning Mode	1/6 Scanning	1/2 Diamond patented scanning	Static			
	Color Temperature	3200K to 9500K ajustable on 3 fix preset and 1 custom					
	Dot Brightness Calibration	Yes with Radian Camera (Calibration stored in tiles flash memory)					
	Brightness Uniformity	>=98%					
	Color Brightness Calibration	HD NTSC calibration with Radian PM400F Camera stored in tiles					
	Chroma Uniformity	+- 0.002 (Cx, Cy)					
	Frame Rate Hz	Standard 60Hz (optional 120Hz and 240Hz)					
	Typical lifetime	>= 50 000 hrs MTBF 25 000 hrs					
	Maintainance Acces	Rear acces (Front optional)					
	Viewing Angle	160° x 160°					
	Directivity Angle (viewing angle at 50% brightness)	140° x 120°					
	LED Binning Color	+/- 3Nm up to 20 millions led on same Bin					
	LED Binning Brightness	+/- 3%					
Control Sytem	LDU 8000 (Logic digital unit)	4 Gigabyte output with full redundancy					
	Receiving Card	Customed designed hot swapable with DDR3 32bit memory bus					
Power Consumption	Average (per cabinet)	150 W	217 W				
	Maximum (per cabinet)	450 W	650 W				

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