



PXL-FX 3.91P - 500X500

The **PXL-FX3.91** Video Cabinet by Impact Lighting delivers value and quality with a 3.91 pitch RGB display that features an IP45 ingress rated Aluminum and Magnesium Alloy Cabinet, providing serviceability from the front and back. Each cabinet is .25 sq. meters comprised of four 250mm x 250mm LED modules . Overall dimension of each cabinet is .5m x.5m x 85mm.



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SPECIFICATIONS

LEDS	Pixel pitch	3.91 mm
	Pixel configuration	1RGB
	LED type	SMD 2121 Pure Black LED
CABINET	Pixel pitch	3.91 mm
	Pixels per sqm.	65,536 pixels
	LEDs qty. per sqm.	65,536 pcs
	LED module resolution	64 x 64
	LED module size	250mm x 250mm
	LED cabinet resolution	128(W) x 128(H) pixels
	LED cabinet dimension	"Width: 500mm
	Height:	500mm
	Depth:	85mm"
	LED cabinet area	0.25 sqm
	Brightness	1000 nits
	Viewing angle	"Horizontal: 140°
	Vertical:	100°"
Grey scale (linear)	65,536 levels per color	
Display refresh rate	>3840 Hz	
Scan mode	1/16 scan	
POWER	Power consumption (max.)	800 watts/sqm.
	Power consumption (average)	260 watts/sqm.
	Input voltage	AC 110 or 220 V ± 10%
MECHANICAL	LED cabinet weight	7.3 kgs
	Material	Aluminum & Magnesium Alloy Cabinet
	Ingress protection	IP45
	Serviceability	Front&Back service
OPERATION	Storage environment	"Temperature: -40C ~ 60C
	Humidity:	10% ~ 85% RH"
	Operating environment	"Temperature: -20C ~ 50C
	Humidity:	10% ~ 90% RH"
	Lifespan (typical)	≥100,000 hours
	MTBF	≥10,000 hours
Source compatibility:	CVBS, YC, YUV, RGB, DVI, SDI, HD-SDI, HDMI	

