

LA series

pitch

1.2 | 1.5 | 1.8 | 2.5

pixel tech



ideal for

LCD videowall replacement

summary

The LA series by Vanguard is a purpose-built replacement for existing LCD videowalls.

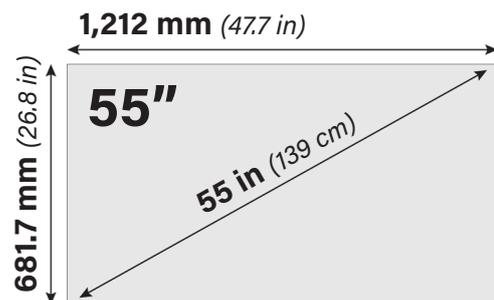
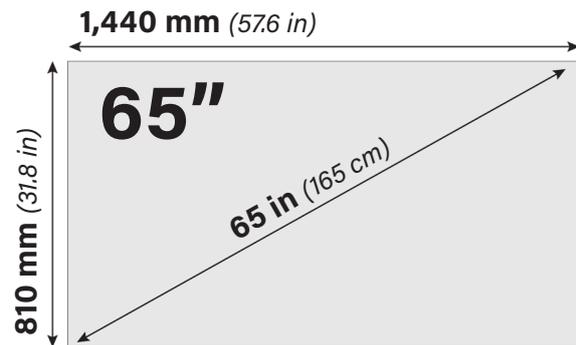
Featuring three panel sizes at **43"**, **55"**, and **65"** diagonal, LA series is likely to be a **perfect swap-out solution** to get rid of the heavy grid and drifting uniformity which plague LCD technology.

LA series panels **support VESA** mounting so the new technology can directly replace LCD monitors on the same VESA mounts. **Integrate the controller to one of the panels to use existing video cabling too!**

special configurations



dimensions

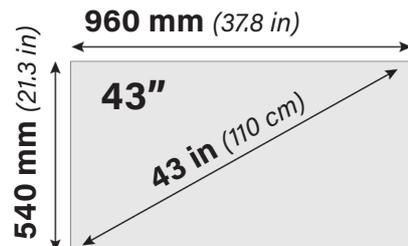


max brightness

600 nits

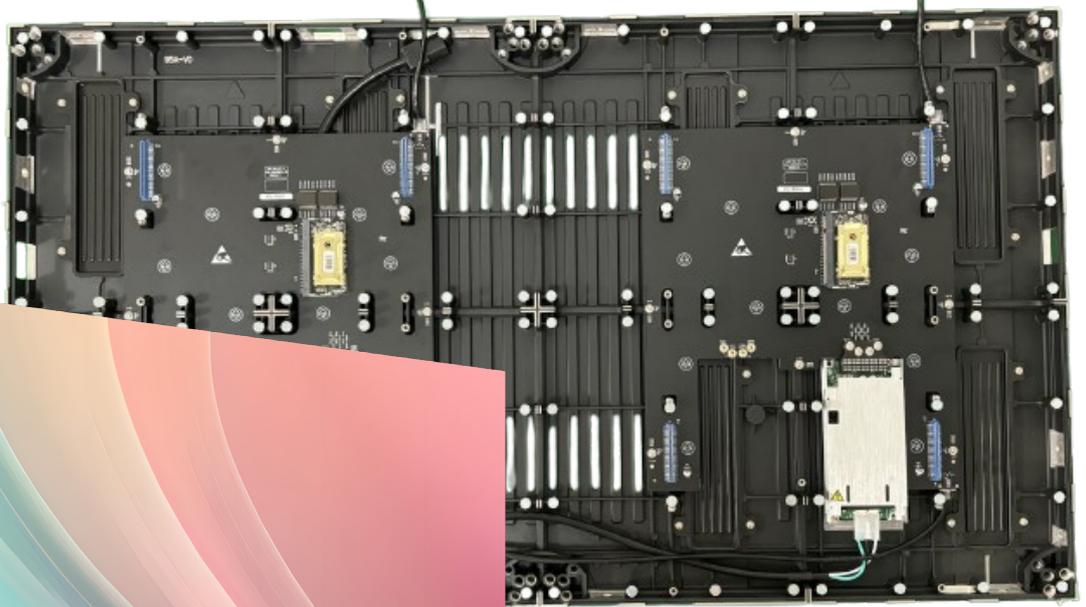
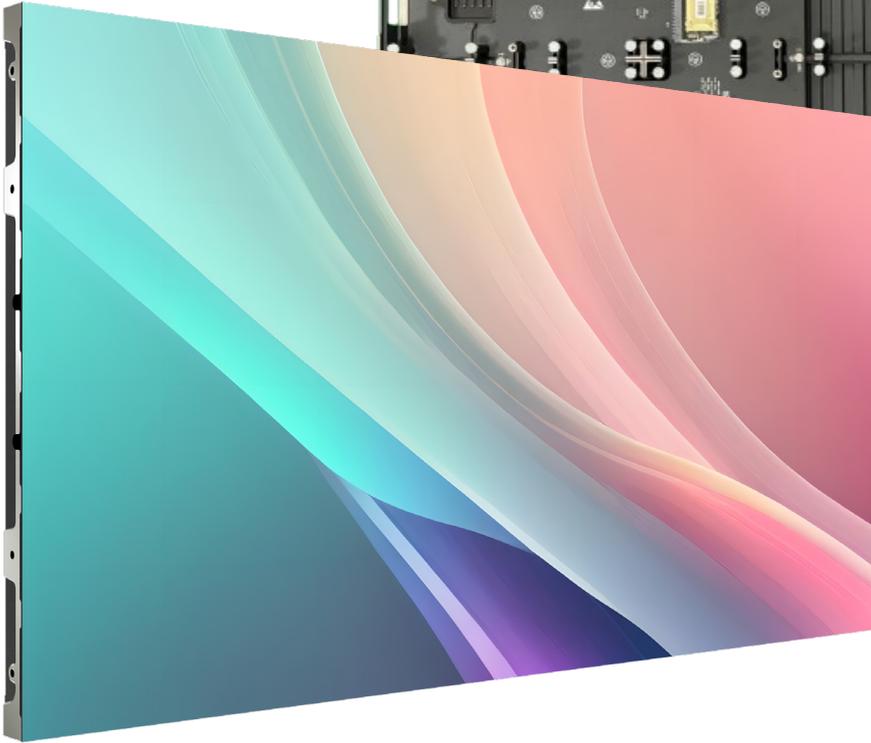
IP rating

IP41



optional

- Protective epoxy masking or coating
- Cosmetic/protective edge trim
- 45-degree edges for corner displays
- MIP-High Bright pixels at select pitches
- Connecting plates
- Footers for stacking
- Embeddable controller
- Mobile cart
- Flight cases
- Hydrophobic treatment



55" panel and specifications shown

series name	LA 55" (LM)		bonding wire	Copper
maximum brightness (nits)	up to 600		power common	Anode
dimensions	WIDTH	1212 mm (47.7 in)	watts per panel	132W max (46W average)
	HEIGHT	681.75 mm (26.8 in)	watts per sq m	650W max (228W average)
	DEPTH	40 mm (1.6 in)	max amps per cascade	10
panel aspect ratio	16:9		operating voltage	100-240V AC, 50/60 Hz
panel weight	15 mm (33.1 in)		operating temperature	-10°C - +40°C
modules per panel	8 per panel		maximum heat	up to 1006.41 BTU/hr
viewing angle	HORIZONTAL	160°	humidity	10% - 80%, non-condensing
	VERTICAL	160°	ip rating	IP41
led lifetime* (hrs)	100,000		frame material	Die-cast Aluminium
contrast	6,000:1		hanging and stacking	no hanging 30 stacking max
drivers	ICN 2153		rear bolt threading	M8
scan rate	1/54, 1/60		power connectors	C13/C14
processing depth (bits)	14 default (10-16 range)		data connectors	RJ45
refresh rate (hz)	3,840 default (3840-7680 range)		service access	Front
frame rate	60 default (50, 60, 120 options)		warranty	3 year (up to 5 available)
color temperature	7,500 default (2000-12000 range)		certifications	EMC-0
color gamut	N/A			

supported controllers

