Curving
Zirconium

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curving
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pitch	1.5	1.9	2.6	3.9
pixel tech	SMD	SMD	SMD	SMD

ideal for

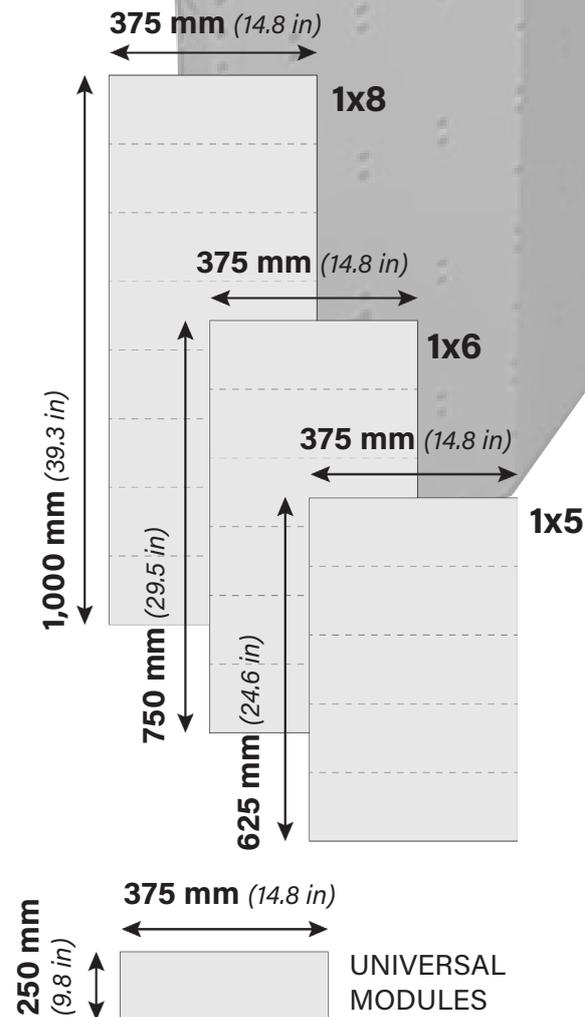## Freeform and curving displays

summary

Zirconium series includes a set of **curved-face panels**. Curving Zirconium can be used exclusively if a display has no flat faces, or it can be used in combination with Zirconium to **create both flat and curved surfaces within the same display**.

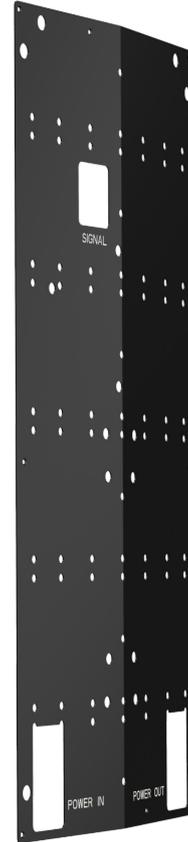Curving Zirconium panels are manufactured to the **exact angle needed** for the display, and each panel can **create up to a 90° curve, concave or convex**, in 375mm.
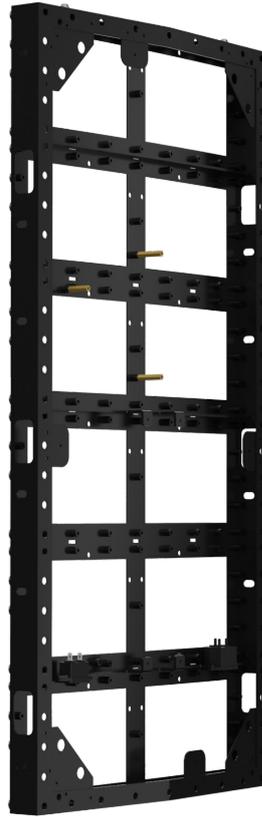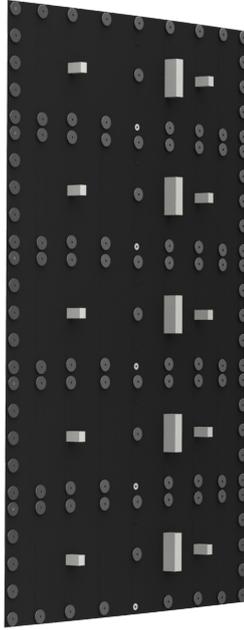
optional

- Cosmetic/protective edge trim
- 45-degree edges for corner displays
- Connecting plates
- Flight cases
- Dual receiving cards for data redundancy
- Hydrophobic treatment
- Reduced magnets for transit stations

panel dimensions

375 mm *(14.8 in)*
1x8

375 mm *(14.8 in)*
1x6

375 mm *(14.8 in)*
1x5

1,000 mm *(39.3 in)*

750 mm *(29.5 in)*

625 mm *(24.6 in)*

375 mm *(14.8 in)*

250 mm *(9.8 in)*

UNIVERSAL MODULES

max brightness	IP rating
1,000 nits	IP30

Zirconium Curving (ZC)
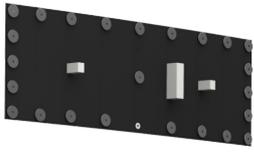
series name	**Zirconium Curving (ZC)**		bonding wire	Copper
maximum brightness (nits)	up to 1,000		power common	Anode
dimensions	WIDTH	375 mm (14.8 in)	watts per panel	132W max (46W average)
	HEIGHT	up to 1000 mm (39.4 in)	watts per sq m	650W max (228W average)
	DEPTH	42 mm (1.7 in)	max amps per cascade	10
panel aspect ratio	0.4:1, 0.5:1		operating voltage	100-240V AC, 50/60 Hz
panel weight	up to 9.5 mm (20.9 in)		operating temperature	-20°C - +50°C
modules per panel	up to 8 per panel		maximum heat	up to 741.68 BTU/hr
viewing angle	HORIZONTAL	160°	humidity	10% - 90%, non-condensing
	VERTICAL	160°	ip rating	IP30
led lifetime* (hrs)	120		frame material	Die-cast Aluminium
contrast	8,000:1		hanging and stacking	no hanging | no stacking
drivers	ICN2055, ICN2150, ICN2165		rear bolt threading	M6
scan rate	1/32, 1/64		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-B, CCC, FCC, ETL, LVD, CE, RoHS, UKCA, CB, BIS, KC, PSE
color gamut	2.8			

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supported controllers

Vanguard LED DISPLAYS **1**G **5**G   NOVASTAR **1**G **5**G   BROMPTON TECHNOLOGY **1**G **5**G