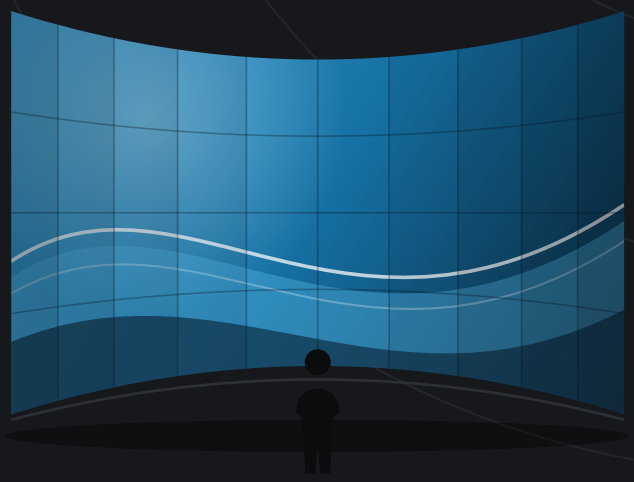
CREATIVE LED · CURVED

Skyco Curved LED

Panels that curve in or out on every joint, for wraps, arcs and immersive rooms, indoors and out.

P1.5 P1.9 P2.6 P2.9 P3.9



±22.5°	500 × 500	5 m	7,680 Hz
Curve per joint	Panel, mm	Stack or hang, max	Refresh, up to

Curves without compromise. Concave, convex or both.

Our curved range uses 500 × 500 mm die-cast panels with adjustable locks on every joint. Set each joint anywhere from −22.5° to +22.5° in 2.5° steps to build concave or convex arcs, S-curves, cylinders and 90° corners. Fine pitches suit immersive rooms and studios; outdoor versions are sealed to front IP65 for events and venues.

±22.5° per joint
Concave and convex in 2.5° steps, set on site with built-in locks.

90° corners
Build right-angle wraps and corner walls from the same panels.

Studio and XR ready
Up to 7,680 Hz refresh and 14–16-bit grey scale on camera.

Stack or hang to 5 m
Ground-stack or fly the same panels.

Indoor and outdoor
IP30 indoor panels; front IP65, rear IP54 outdoor panels.

P1.5 to P3.9
Fine pitch for close viewing, wider pitch for large spaces.

APPLICATIONS

Immersive rooms · Broadcast and XR studios · Museums and experiences · Retail wraps · Stages and events · Corporate lobbies

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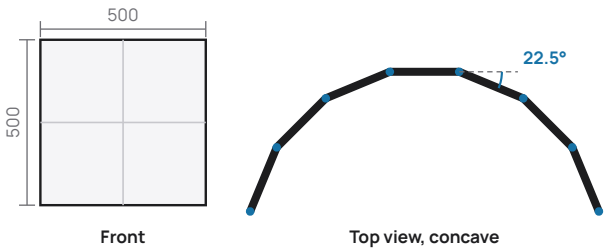
Specifications. Per pitch.

	P1.5	P1.9	P2.6	P2.9	P3.9	Outdoor P2.9	Outdoor P3.9
Pixel pitch	1.56 mm	1.95 mm	2.60 mm	2.97 mm	3.91 mm	2.97 mm	3.91 mm
Panel resolution	320 × 320	256 × 256	192 × 192	168 × 168	128 × 128	168 × 168	128 × 128
Pixel density (px/m²)	409,600	262,144	147,456	112,896	65,536	112,896	65,536
Brightness (nits)	700–1,000	800–1,200	800–1,200	800–1,200	800–1,200	2,500–3,500	2,300–4,000
Protection	IP30	IP30	IP30	IP30	IP30	IP65 / IP54	IP65 / IP54
Panel weight	8.5 kg	8.5 kg	8.5 kg	8.5 kg	8.5 kg	8.8 kg	8.8 kg

DRAWING



Top view: each joint sets from −22.5° to +22.5° in 2.5° steps.

COMMON SPECIFICATIONS

Panel	500 × 500 × 111 mm, die-cast
Curve range	−22.5° to +22.5°, 2.5° steps
Refresh rate	3,840 Hz (7,680 Hz option)
Grey scale	14–16 bit
Colour temperature	6,500–9,500 K
Viewing angle	160° H / 140° V
Power, max / average	≤ 750 / ≤ 380 W/m²
Input power	AC 100–240 V, 50/60 Hz
Service access	Rear
Stack or hang	Up to 5 m

Curve guide. Panels for a full circle.

Angle per joint	Panels for 360°	Diameter across joints	Screen length
22.5°	16	2.56 m	8.0 m
15°	24	3.83 m	12.0 m
10°	36	5.74 m	18.0 m
5°	72	11.46 m	36.0 m

Specifications are typical values and may change without notice. Final specifications, structure and power design are confirmed in your Skyco project proposal.

Talk to our LED team.

We survey the site, design the screen and structure, install, commission and support it.

1. **Site survey**
2. **Design and quote**
3. **Installation**
4. **Control and handover**
5. **Support**