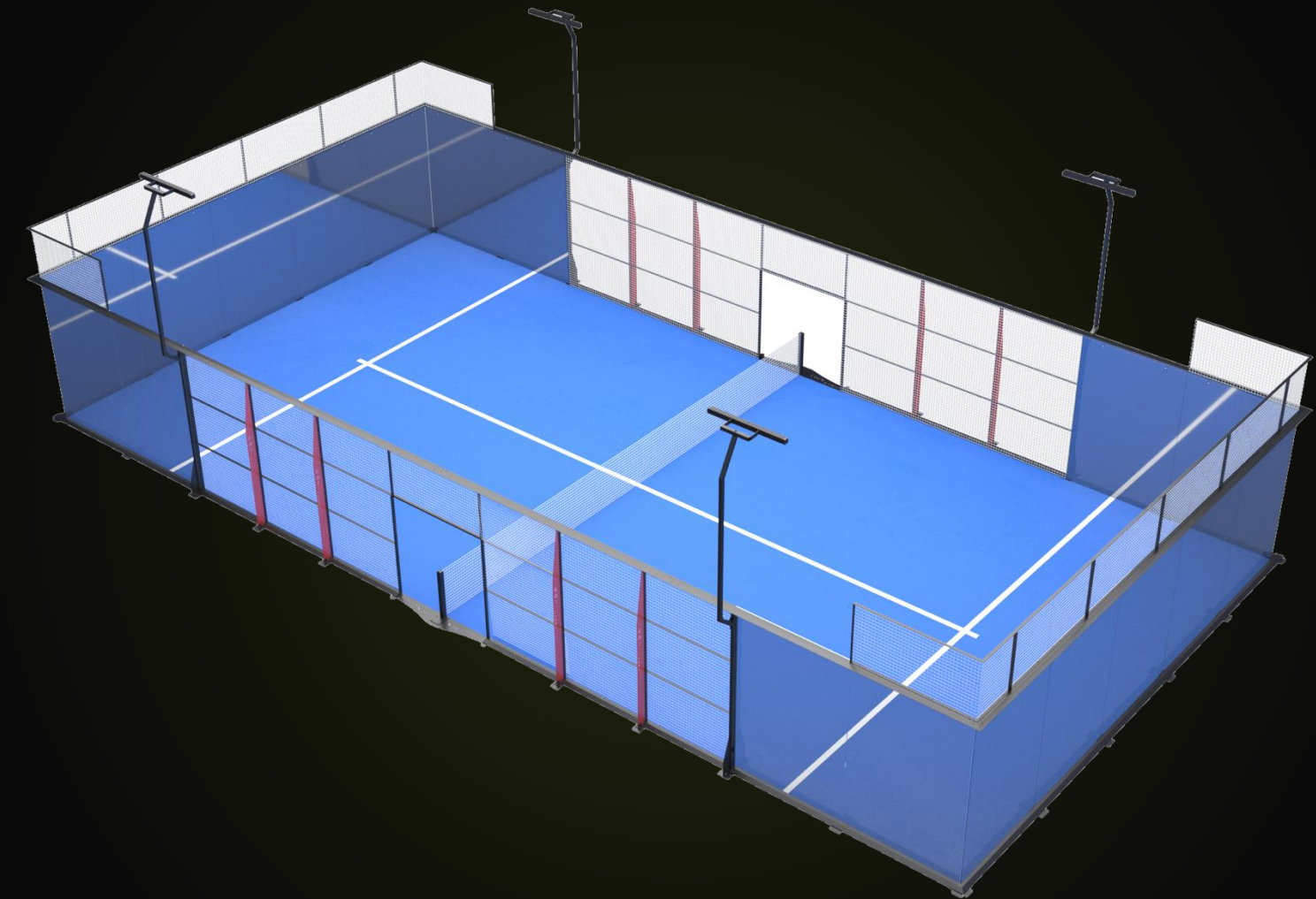


SUPER PANORAMIC COURT

The removal of the steel corner posts makes it a full-glass, match-pro-ready court. Monoblock 140 × 68mm beams carry the enclosure, so the corners stay clear for players, cameras and spectators alike.

PREMIUM · CERTIFIED · TURNKEY



20×10m

COURT DIMENSIONS

0 posts

OPEN CORNERS

12mm

TEMPERED GLASS

533 lux

LED LIGHTING

AS 1288

GLAZING STANDARD

GENERAL CHARACTERISTICS

Steel Structure	Monoblock upper and bottom beams, 140 × 68 × 2.75mm steel tube — no corner posts
Frames & Fixings	40 × 20 × 2.0mm frame tube 304 stainless countersunk bolts with funnel PE gaskets
Inner Dimensions	20.0 × 10.0m (±0.5%) — FIP/FEP regulation External: 20.5 × 10.5m (±0.5%)
Enclosure Height	4.0m at back walls 3.0m on sides 2.0m on sides adjoining back walls
Glass Specification	12mm toughened tempered float glass — 18 panels, polished edges & conical holes
Mesh	Ø4.0mm rod, 50 × 50mm aperture — tensioned for true ball rebound, edge safeguards fitted
Surface Finish	Electrostatic zinc-base galvanising + epoxy powder coat Colour to RAL specification
Anchoring	Pre-buried columns with strengthening ribs M12 chemical anchors to net poles
Wind Rating	Engineered to site wind zone on request
Standards	AS 1288 (glazing) / AS-NZS 2208 — meets statutory requirements
Turf & Lighting	12mm monofilament curly padel turf 4 × 400W LED, 533 lux average

*Court design compliant with FIP and FEP regulations

METAL STRUCTURE DESCRIPTION

1 Upper Beam 140 × 68 × 2.75mm steel tube — monoblock perimeter beam carrying the glass line	2 Bottom Beam 140 × 68 × 2.75mm steel tube — base frame tying all pre-buried columns	3 Pre-Buried Columns Columns with strengthening ribs, cast into the slab and bolted in stainless	4 Open Corners No corner posts — glass-to-glass corners, uninterrupted sightlines
5 Mesh Panels Ø4.0mm rod at 50 × 50mm, held in tension for true rebound frame 40 × 20 × 2.0mm	6 Light Poles 60 × 60 × 3mm galvanised poles integrated into the columns — 6,000mm height	7 Fasteners 304 stainless countersunk bolts with funnel PE gaskets to protect the glass	8 Door Module Access door detailed to match the court's overall style — sliding or full mesh

■ **TOLERANCES** — Vertical angle between column, glass and ground under 1°. Glass installation runs flush. Welds are closed with no gaps, so zinc and powder reach every surface and the joint cannot rust from within.

*Court design compliant with FIP and FEP regulations

GLASS & COURT FINISHES

GLAZING SPECIFICATION

Panels:	18 panes — 5 at backs, 2 per side wall
Size:	2,995 × 1,995mm per panel
Thickness:	12mm toughened tempered float glass
Holes:	8 conical holes per panel
Edges:	Flat polished edges, no sharp points
Stress:	Surface stress ≥ 69 MPa
Safety:	Impact fractures to small, non-cutting pieces

COURT FINISH SYSTEM

- 01 Degreasing & Phosphating**
Low-pressure spray, oven dried. Removes contaminants and primes the surface.
- 02 Electrostatic Zinc Base**
Zinc-base powder applied electrostatically to every closed weld and tube face.
- 03 Epoxy Powder Coat**
Full polymerisation to a smooth stove-enamelled finish. Colour to RAL selection.

PLAYING SURFACE

12mm monofilament curly turf, 63,000 needles/m², 9,500 Dtex, 3/16" gauge. Lines tufted into the carpet. Quartz sand filler 0.2–0.8mm at 5–8kg/m². BPR ≥ 80.

LIGHTING

Type	Power	Lux
Standard — 4 projectors	400W	533
High output — 8 projectors	400W	720
Perimetral — 12 projectors	150W	631

18 Glass panels	12mm Toughened glass
6m Integrated light poles	533 Lux average output

KEY FEATURES & TECHNOLOGY

Full-Glass Corners

Corner posts removed entirely. Play reads clean from every seat and every camera position, and the ball behaves predictably into the corner.

Certified Paint System

Electrostatic zinc base under an epoxy powder coat, on welds closed with no gaps. Water absorption 0%. Colour to RAL selection.

Monoblock Beam Frame

140 × 68 × 2.75mm upper and bottom beams take the load the corner posts used to carry, tied to pre-buried columns with strengthening ribs.

Integrated Lighting

6m poles run inside the structural columns rather than bolted alongside. Four 400W projectors give 533 lux average for evening play.

Anti-Injury System

Safeguard profiles close off every mesh rod end, and PE funnel gaskets sit between stainless bolt and glass to prevent point loading.

Match-Pro Net & Poles

Polyester sandwich mesh net with doubled top rows and fibre rods. Aluminium poles, copper tensioning gear, six-hole flange on M12 chemical anchors.

WHY PADEL IN ONE

01 International Experience

Factory-direct supply, presence in 3 continents. Single national point of contact.

03 Certificates & Standards Compliance

AS 1288 glazing, AS-NZS 2208, structure engineered to site wind zone. Meets council and statutory requirements.

02 Complete Turnkey Solution

Design → Engineering → QC → Certification → Logistics → Installation. One partner, zero gaps.

04 Factory Warranty & QC

Full quality control inspection before shipping. Factory-direct warranty on all components.

SUPER PANORAMIC COURT DATASHEET

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