

FÍSVOR — LED project specification pack

Application-led planning resource | Preliminary / project enquiry edition | 12 October 2026

For venue owners, designers, procurement teams and project contractors evaluating fixed indoor, outdoor commercial, stadium, event/rental and specialist LED systems. This pack is a scope-and-evidence checklist, not an equipment approval, certified technical submittal or installation design.

01 Choose the application category

Family	Typical project use	Critical selection issue
Outdoor commercial	External advertising, precinct information, façades	Brightness, wind, IP assembly, access
Sports & stadium	Scoreboards, replay, perimeter, venue media	Venue rules, broadcast timing, safety
Indoor commercial	Conference, display walls, arenas	Viewing distance, readability, control
Fine-pitch COB	Close-view meeting and control environments	Pitch/resolution, coating and repair
Rental & event	Touring, temporary stages, exhibitions	Rigging, cabinet handling, repeat assembly
Transparent LED	Glazing, atriums, media façades	Transmittance, structural support, fire strategy
Interactive LED floors	Visitor attractions and floor installations	Slip/load testing, drainage, electrical safety
Flexible LED	Curved interior media features	Bend radius, subframe, thermal control

02 Before a product is nominated

Record the expected viewing positions, intended content, physical screen dimensions, daylight or interior illumination, operating hours, access for maintenance, power and data routes, and the party responsible for engineering and local approvals. Pixel pitch alone is not a complete product specification.

Project definition & equipment schedule

03 Project information

Item	Project entry
Project / site and destination country	_____
Project contact and consultant	_____
Display application and environment	_____
Screen width x height and quantity	_____
Minimum and typical viewing distance	_____
Content type and source signals	_____
Brightness and ambient-light requirement	_____
Mounting / rigging method	_____
Wind, weather or public-access exposure	_____
Service access and maintenance plan	_____
Power / controller / resilience requirements	_____
Required delivery and project date	_____

04 Selected product technical schedule

The following fields should be populated from the selected manufacturer model and revision, not copied from unrelated catalogue families.

Specification	Required confirmed data
Manufacturer and exact model code	Model evidence / report reference: _____
Pixel pitch, pixel density and cabinet resolution	Model evidence / report reference: _____
Panel and module dimensions / weight	Model evidence / report reference: _____
Rated and measured brightness	Model evidence / report reference: _____
Refresh, grayscale and video processing	Model evidence / report reference: _____

Specification	Required confirmed data
Peak / typical electrical consumption	Model evidence / report reference: _____
IP rating and assembly boundary	Model evidence / report reference: _____
Mounting, load and wind interfaces	Model evidence / report reference: _____
Warranty, parts and service terms	Model evidence / report reference: _____

Evidence and compliance review

05 Documentation to obtain

Evidence	Status / reviewer
Current model datasheet, revision and model identifiers	Pending / reviewer: _____
Resolution and pitch calculation cross-check	Pending / reviewer: _____
Ingress testing for actual assembly, if applicable	Pending / reviewer: _____
Electrical safety and EMC evidence for destination	Pending / reviewer: _____
Installation, rigging or stacking documentation	Pending / reviewer: _____
Wind and structural information, where exposed	Pending / reviewer: _____
Impact and safety performance, where relevant	Pending / reviewer: _____
Slip and numerical load tests for LED floors	Pending / reviewer: _____
Controllers, connectivity, calibration and spares	Pending / reviewer: _____
Written warranty schedule including exclusions	Pending / reviewer: _____

06 Known supplier-data caution areas

Across the supplied MIC literature, several model sheets contain unresolved pitch, pixel-density, cabinet-resolution or luminance-uniformity inconsistencies. These must be clarified model by model. No blanket certification, five-year warranty, IP performance, impact rating or compliance approval should be inferred from catalogue icons or sibling product sheets.

07 Scope boundaries

Apollo NZ Global supplies equipment only. Site assessment, civil works, engineered support structures, electrical installation, physical installation, commissioning and destination-country approvals remain with the appointed qualified project parties, unless a specific written project scope states otherwise.

Application-specific review points

Sports and stadium

Separate scoreboard, replay and perimeter needs; confirm operator workflow, sports clearance, control links and camera refresh; obtain engineering and applicable impact evidence.

Temporary rental and event

Check flown or ground-stack configuration, certified loads, cabinet locks and mechanical interoperability, flightcases, spares and emergency service access.

Transparent architectural

Confirm claimed light transmission with installed geometry, sightlines and sunlight; obtain façade connection, electrical and fire-strategy information.

Interactive LED floor

Obtain numerical static/dynamic load testing, wet/dry slip test evidence, complete IP assembly testing, drainage and interaction-control documents.

Fine-pitch and flexible

Check true pixel/cabinet geometry, close-view performance, coating serviceability, minimum bend radius and support-frame design.

Next step

Use the FÍSVOR project brief and specification centre to request a model-specific technical submission and supply-only quotation. Do not issue a final product specification until the outstanding supplier evidence is reconciled.