

A tensile fabric barrel-vault canopy

Lansdowne



- Wide range of fabric colours available
- Fully adaptable including custom designs
- Warranted for ten years under tension
- ArcCan installation teams operate Worldwide

The Lansdowne has been designed specifically as an entrance canopy, with just two columns, one either side of the doorway, the structure can be independently sited or if preferred attached to the wall above the entrance as well. This tensile fabric barrel vault is fabricated from H/D tubular steel with a patterned tensile fabric canopy and is stabilized with S/S cables attached overhead, making it an interesting and stylish portico.

Specifications

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Framework

Heavyweight grade tubular steel legs and struts with rolled CHS rafter spars, all zinc and powder coated to RAL colour of choice, all cables & fixings either A2/A4 stainless or galvanised steel.

Fabric

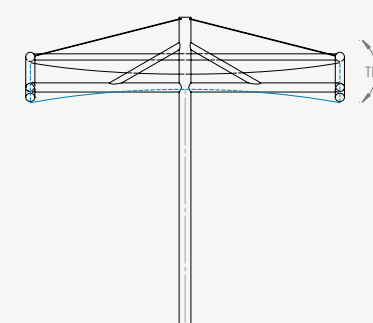
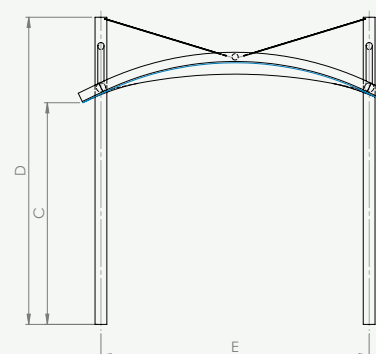
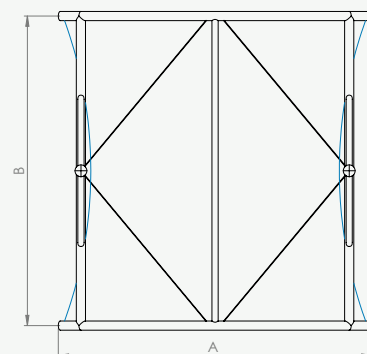
Architectural PVC coated polyester fabric, cut, patterned and welded to form a barrel vault with keder edges attached on top of the spars with aluminium extruded luff-tracks and tensioned with membrane plates and boundary cables.

Foundations

We provide loading figures for your engineer to design foundations to suit local ground conditions. Typical details available on request.

Files

3D CAD models are available on request.



CODE	LAN30	LAN40	LAN50	LAN60	LAN70	LAN80
A	3	4	5	6	7	8
B	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6
C	2.2	2.2	2.2	2.2	2.2	2.2
D	2.7	2.8	2.9	3.1	3.2	3.3
E	3.4 - 3.9	3.7 - 4.1	3.9 - 4.3	4.2 - 4.6	4.5 - 4.8	4.8 - 5.1
F	2.6	3.6	4.6	5.6	6.6	7.6
G	3.1 - 6.1	3.1 - 6.1	3.1 - 6.1	3.1 - 6.1	3.1 - 6.1	3.1 - 6.1

All measurements in metres and are approximate.