

THE LANGDALE SHELTER

Data Sheet

The Langdale is a contemporary steel shelter that provides cover using 5mm solid polycarbonate sheets and features a unique clamping system for the ultimate rigidity.



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Dimensions:

Length:	Unlimited
Width/Projection:	Up to 3 metres
Height:	To your specification
Spacing Between Posts:	Up to 4 metres

Features:

Wall Mounted or Freestanding:	Freestanding
Suitable for:	Education Hospitality Leisure Retail Commercial Healthcare
Applications include:	Cycle Shelter Waiting Shelter
Guarantee:	N/A
Life Expectancy:	Up to 25 Years
Maintenance:	Requires only periodic cleaning
Installation Type:	Permanent
Retractable/Collapsible:	No
Method of Fixing:	Posts are installed into the ground with 10mm thick base plates into an existing concrete base

Frame Specifications:

Construction Material:	The main frame is made from 76mm x 76mm x 3mm steel hollow section The posts are made from 76mm x 76mm x 4mm steel hollow sections
Guttering:	None as standard - available at an additional cost
Frame Finish:	Powder coated Also available galvanised at an additional cost
Fixings:	316 marine grade stainless steel fixings

Roof Specifications:



Roof Frame:	Roof bars are made from 50mm x 50mm x 2mm steel box sections with aluminium barrel bars
Roof Covering:	5mm solid polycarbonate
UV Protection:	Over 98%
Light Transmission:	The polycarbonate offers 92% for clear panels and 47% for opal panels
Strength:	The polycarbonate panels are vandal and shatter resistant and 200 times stronger than glass
Temperature Resistance:	From -20°C to +100°C

International Standards:

Roof Panel Fire Rating: European standard BS476 Part 7 class 1 fire and EN 13501 B-S1, D0.

CE Marked Frame: Yes, to UKCA BS EN1090-1:2009+A1:2011

Colour Options:

	Standard Colours	Non Standard Colours (Additional costs may apply)
Steel & aluminium Framework	Our standard RAL colours are:  9910 3000 1023 6018 6005 9005 7016 7012 7001 5015 5005	Any RAL colour
Polycarbonate Roof Covering	 Clear Opal 9910	Any RAL colour

Weather Protection:

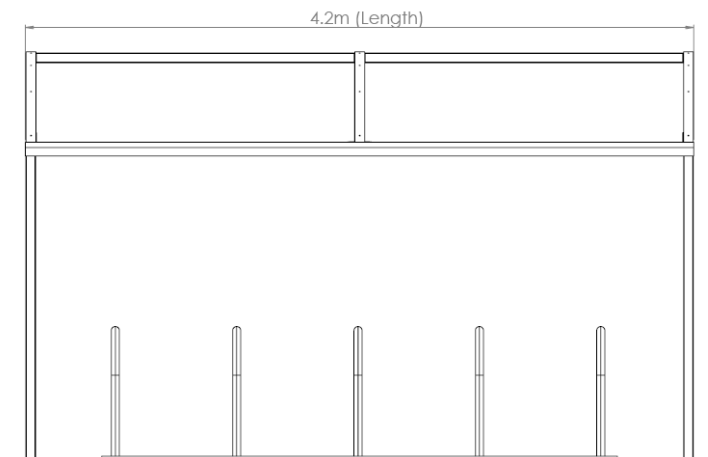
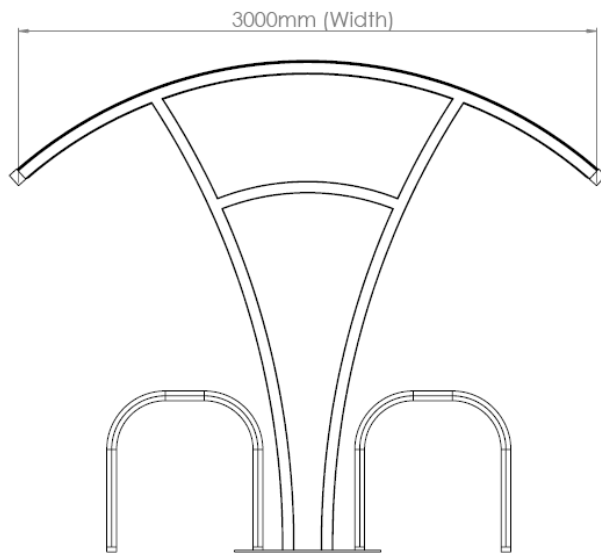


Available Upgrades:

Post Pads	✗
Signage	✗
Polycarbonate Side & Back Panels	✗
Glass Side & Back Panels	✗
Tensile Fabric Side Panels	✗
Rainbow Package	✗
Roller Shutters	✗
Coloured Polycarbonate	✗
Guttering and uPVC downpipes	✗
Cycle Racks	✓
BREEAM Compliant Design	✓
Built-in Benches	✓

Technical Files Available:

PDF CAD File	✓
DXF/DWG CAD File	✓
IGES CAD File	✓
STL CAD File	✓
BIM File	✓
NBS Spec	✓



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