

Louvre pitch for varying angles				
Angle	80°	70°	60°	45°
Edinburgh	206	226	240	246
Manchester	193	214	229	238
London	184	206	222	233



CI/SfB 76.7

Drawing No.

G.A.900/Box/200/01

Specification

Manufacture and Reference: Levolux 900 box louvre solar shading system supplied and installed by Levolux Limited.

Description: Extruded box louvre blade 200x25 or 200x50mm fixed between side plates.

Material: System manufactured from 6000 series aluminium alloys.

Fire Classification: The Classification of aluminium used in construction products for reaction to fire is Class A1 without test (as EU Directive 96/603/EC).

The polyester powder coating has a classification for reaction to fire of A2, s1-d0 according to BS EN 13501-1:2018.

Finish: Polyester powder coated to RAL...., average 60 microns / anodised AA25 / mill finish / PVDF.

Dimensions: As shown on drawings.

Spans: Maximum spans vary with wind-load and building design and are limited to 1:150 deflection to span ratio.

Load	Maximum Span	
	200x25	200x50
0.9kN/m ²	2250mm	4400mm
1.2kN/m ²	2000mm	4000mm
1.5kN/m ²	1800mm	3600mm

Performance: Louvres to be angled and pitched to eliminate direct sunlight through the louvre screen, or to meet aesthetic requirements.

Fixing: To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets are available for different fixing grounds, including thermally broken curtain walling brackets.

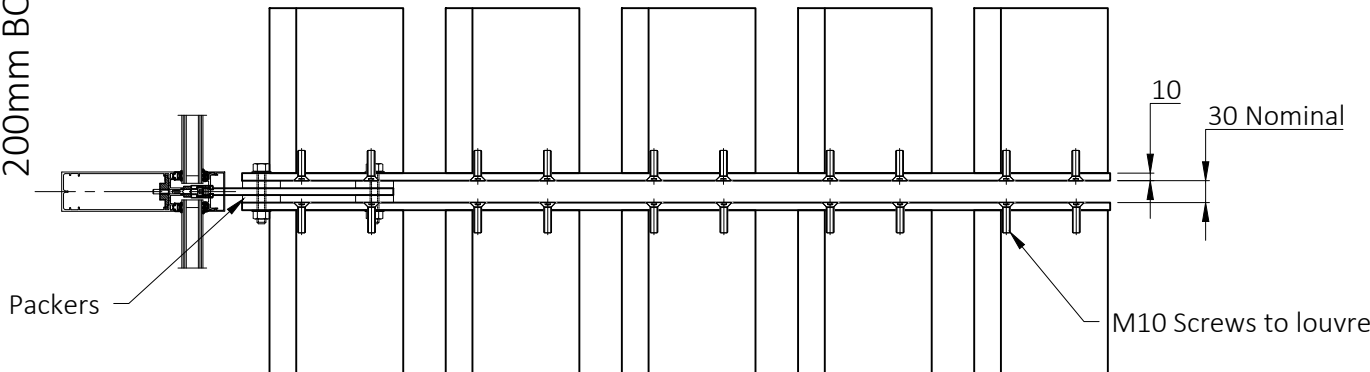
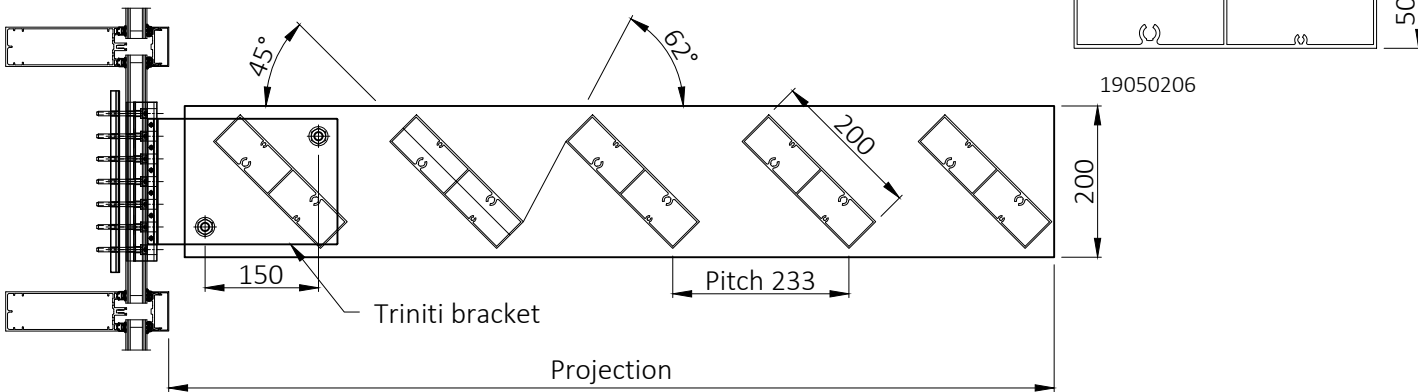
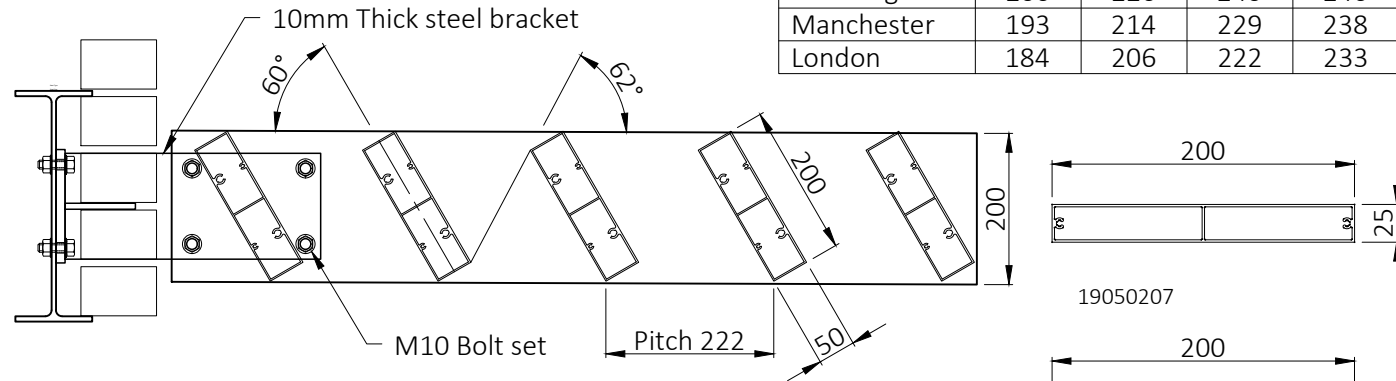
Maintenance: Aluminium is corrosion resistant and virtually maintenance free, requiring only periodic cleaning using a solution of mild detergent in warm water with soft cloth or sponge.

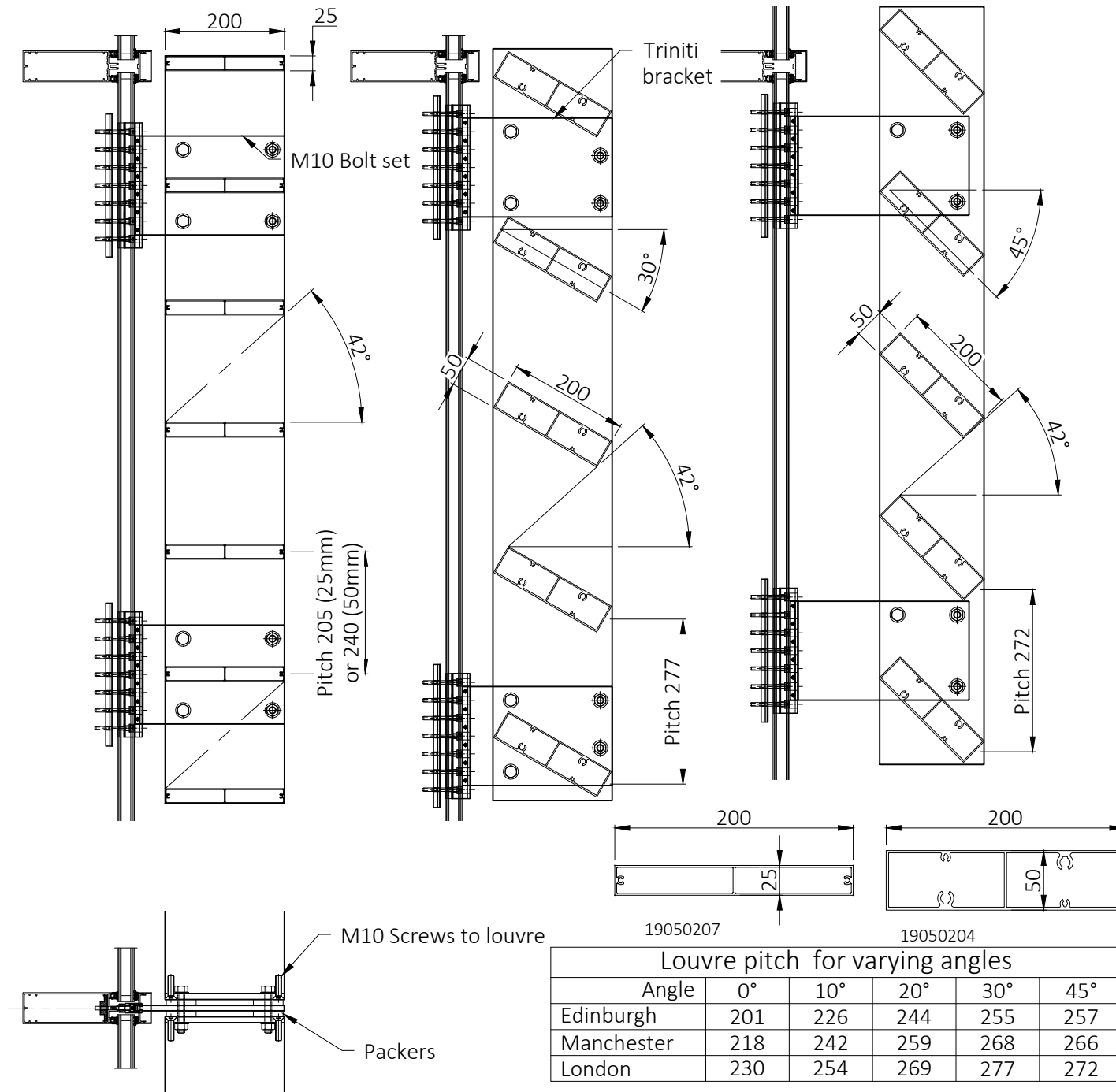
Environmental Friendly: Aluminium is 100% recyclable.



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May 21





Specification

Manufacture and Reference: Levolut 900 box louvre solar shading system supplied and installed by Levolut Limited.

Description: Extruded aluminium box louvre blade 200x45 or 200x60mm fixed between side plates.

Material: System manufactured from 6000 series aluminium alloys.

Fire Classification: The Classification of aluminium used in construction products for reaction to fire is Class A1 without test (as EU Directive 96/603/EC).

The polyester powder coating has a classification for reaction to fire of A2, s1-d0 according to BS EN 13501-1:2018.

Finish: Polyester powder coated to RAL...., average 60 microns / anodised AA25 / mill finish / PVDF.

Dimensions: As shown on drawings.

Spans: Maximum spans vary with wind-load and building design and are limited to 1:150 deflection to span ratio.

Load	Maximum Span	
	200x25	200x50
0.9kN/m ²	2250mm	4400mm
1.2kN/m ²	2000mm	4000mm
1.5kN/m ²	1800mm	3600mm

Performance: Louvres to be angled and pitched to eliminate direct sunlight through the louvre screen, or to meet aesthetic requirements.

Fixing: To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets are available for different fixing grounds, including thermally broken curtain walling brackets.

Maintenance: Aluminium is corrosion resistant and virtually maintenance free, requiring only periodic cleaning using a solution of mild detergent in warm water with soft cloth or sponge.

Environmental Friendly: Aluminium is 100% recyclable.