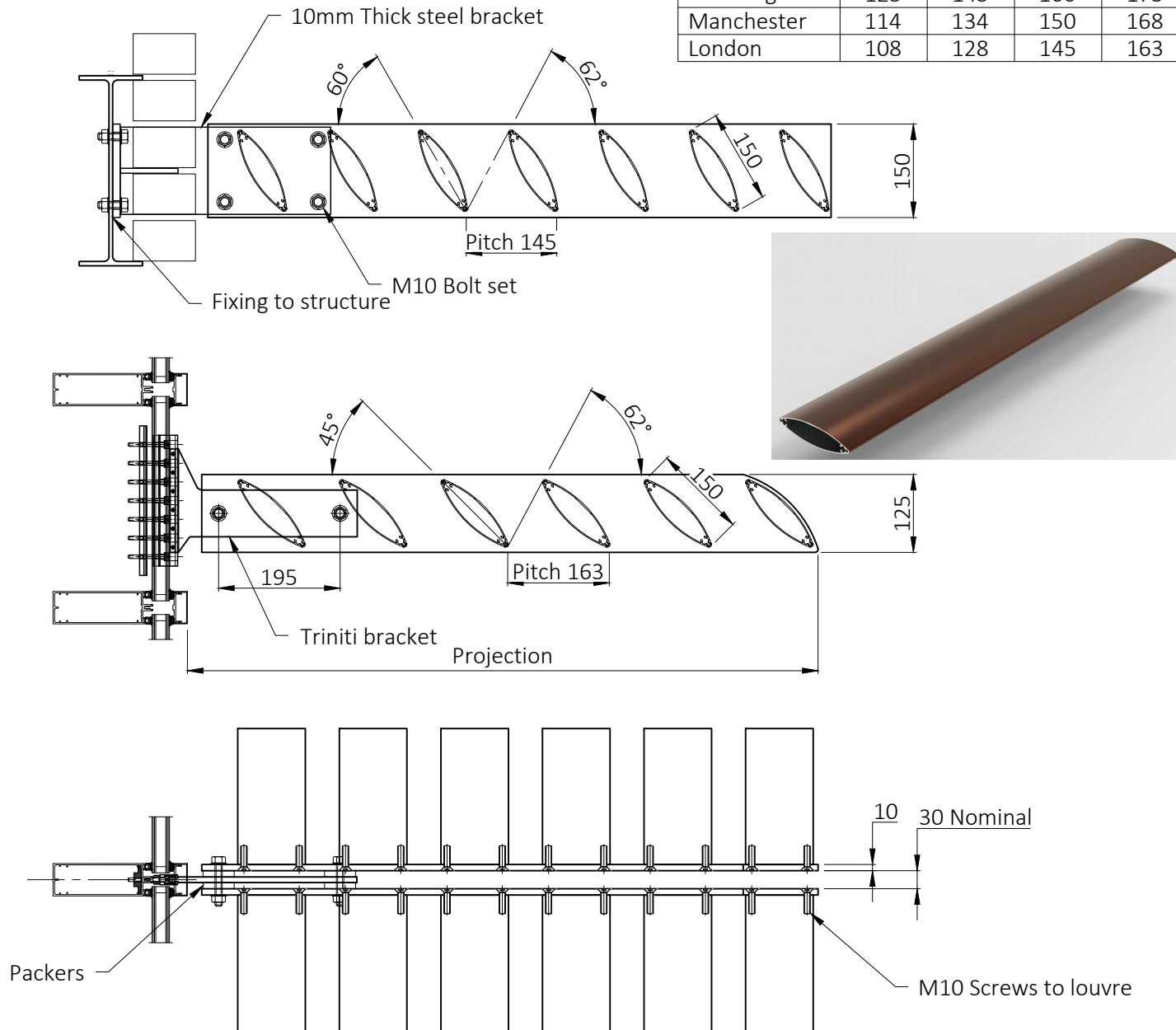


Louvre pitch for varying angles				
Angle	80°	70°	60°	45°
Edinburgh	125	145	160	175
Manchester	114	134	150	168
London	108	128	145	163



CI/SfB | 76.7



Drawing No.

G.A.900/Aero/150/01

## Specification

**Manufacture and Reference:** Levolut 900 aerofoil solar shading system supplied and installed by Levolut Limited.

**Description:** Extruded aluminium aerofoil louvre blade 150x38mm 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
0.9kN/m <sup>2</sup>	2700mm
1.2kN/m <sup>2</sup>	2400mm
1.5kN/m <sup>2</sup>	2200mm

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

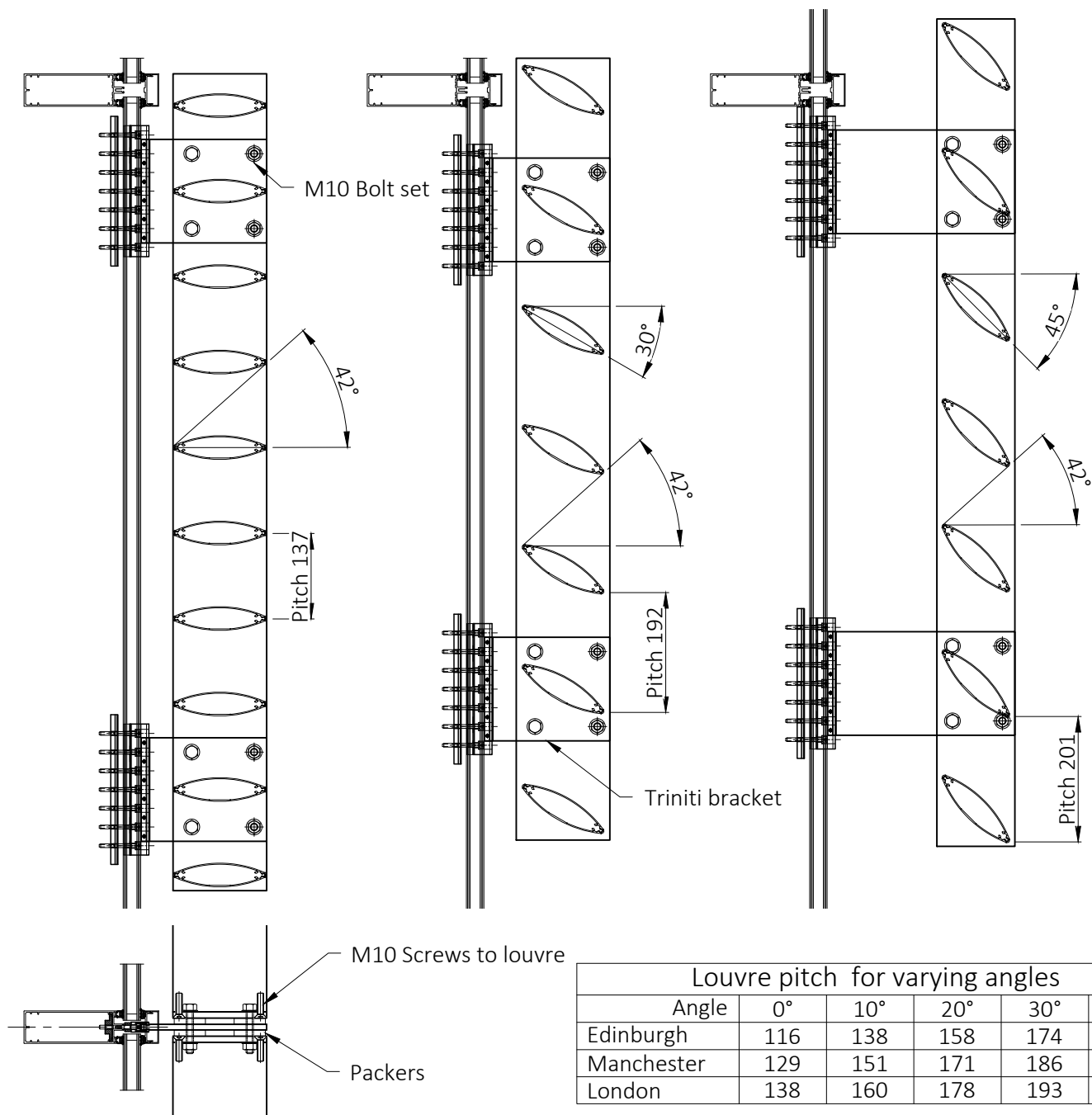
**Fixing:** To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets are available for different fixing grounds, including thermally broken curtain walling brackets.

**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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 Registered in England No: 1834176



Louvre pitch for varying angles					
Angle	0°	10°	20°	30°	45°
Edinburgh	116	138	158	174	186
Manchester	129	151	171	186	195
London	138	160	178	193	202

## Specification

**Manufacture and Reference:** Levolux 900 aerofoil solar shading system supplied and installed by Levolux Limited.

**Description:** Extruded aluminium aerofoil louvre blade 150x38mm 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.

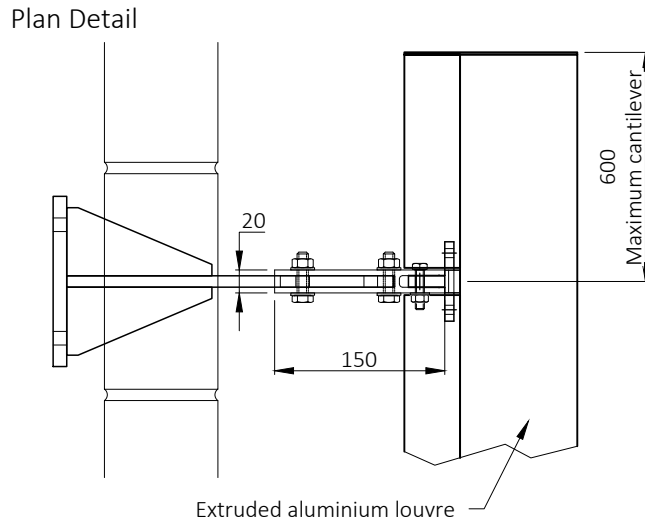
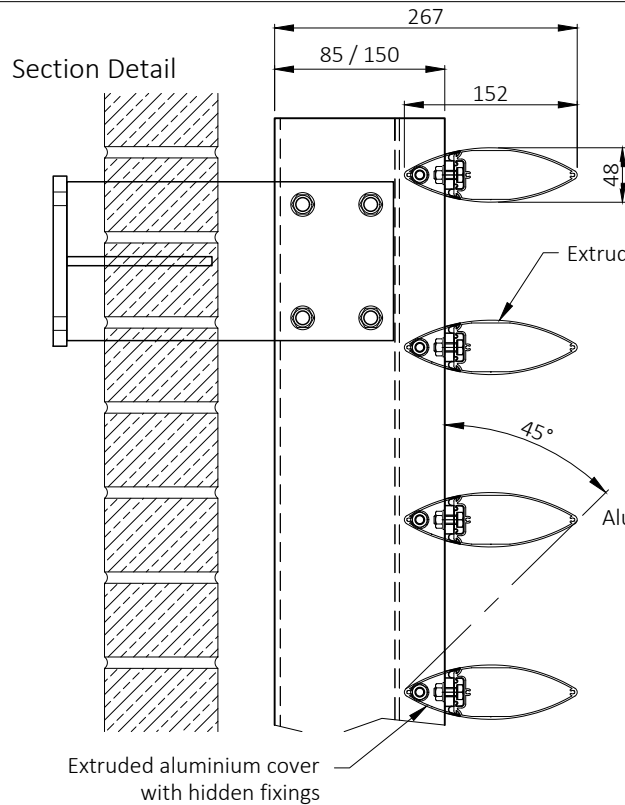
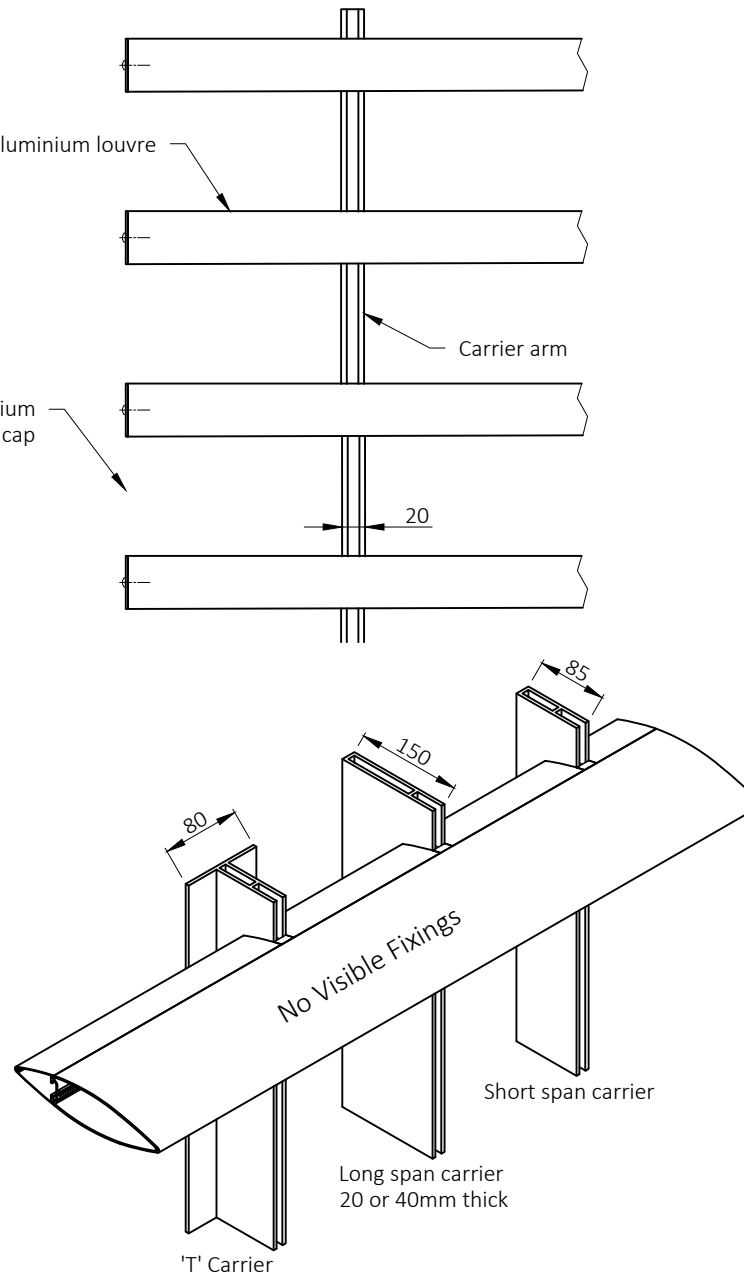
Load	Maximum Span
0.9kN/m <sup>2</sup>	2700mm
1.2kN/m <sup>2</sup>	2400mm
1.5kN/m <sup>2</sup>	2200mm

**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.

**Elevation Detail**

CI/SfB | 76.7

**Drawing No.**

G.A.920/Infin/150/01

**Specification**

Manufacturer and reference: Levolux 920 Infiniti aerofoil solar shading system supplied and installed by Levolux Limited.

Description: Extruded aluminium continuous appearance aerofoil louvre blade 152mm wide fixed across carrier arm with hidden fixings to blade.

Material: System manufactured from 6000 series extruded aluminium alloys and 316 grade cast stainless steel.

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	Maximum Cantilever
0.9kN/m <sup>2</sup>	3000mm	400mm
1.2kN/m <sup>2</sup>	2700mm	350mm
1.5kN/m <sup>2</sup>	2500mm	300mm

Performance: Louvres to be angled and pitched to eliminate direct sunlight through the louvre screen above 45°, or to suit aesthetic requirements.

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

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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