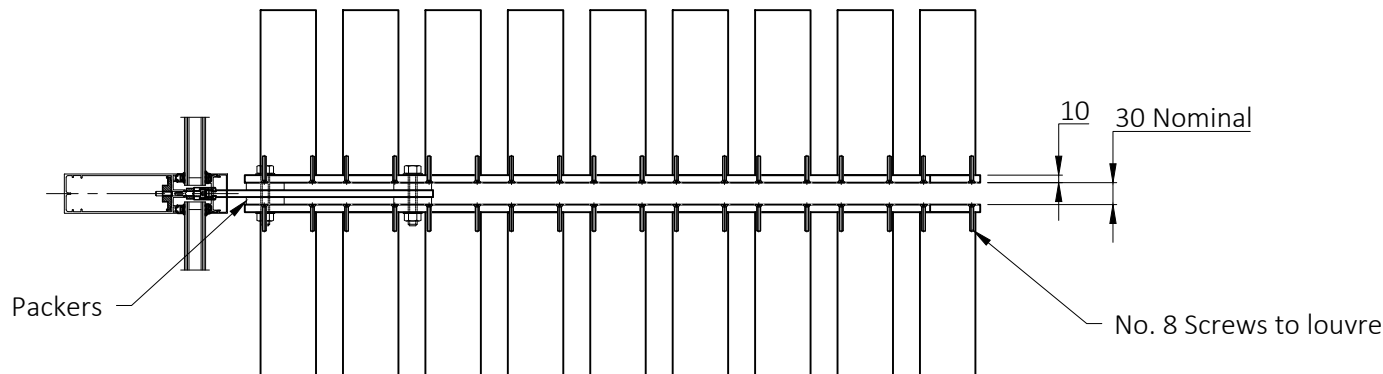
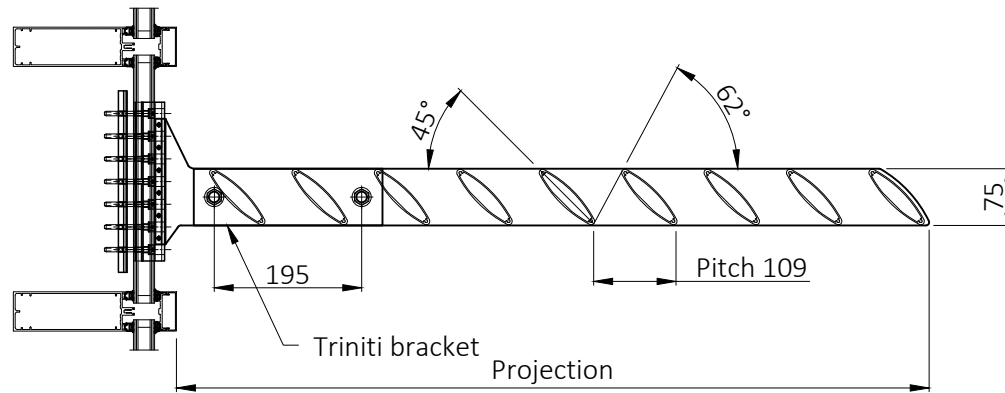
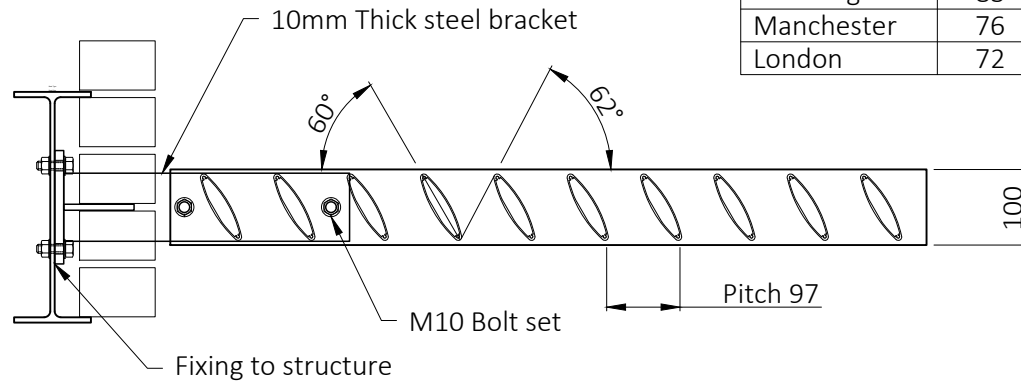


Louvre pitch for varying angles				
Angle	80°	70°	60°	45°
Edinburgh	83	97	106	117
Manchester	76	89	100	112
London	72	85	97	109



CI/SfB | 76.7



Drawing No.

G.A.900/Aero/100/01

## Specification

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

**Description:** Extruded aluminium aerofoil louvre blade 100x23mm 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>	1850mm
1.2kN/m <sup>2</sup>	1650mm
1.5kN/m <sup>2</sup>	1500mm

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

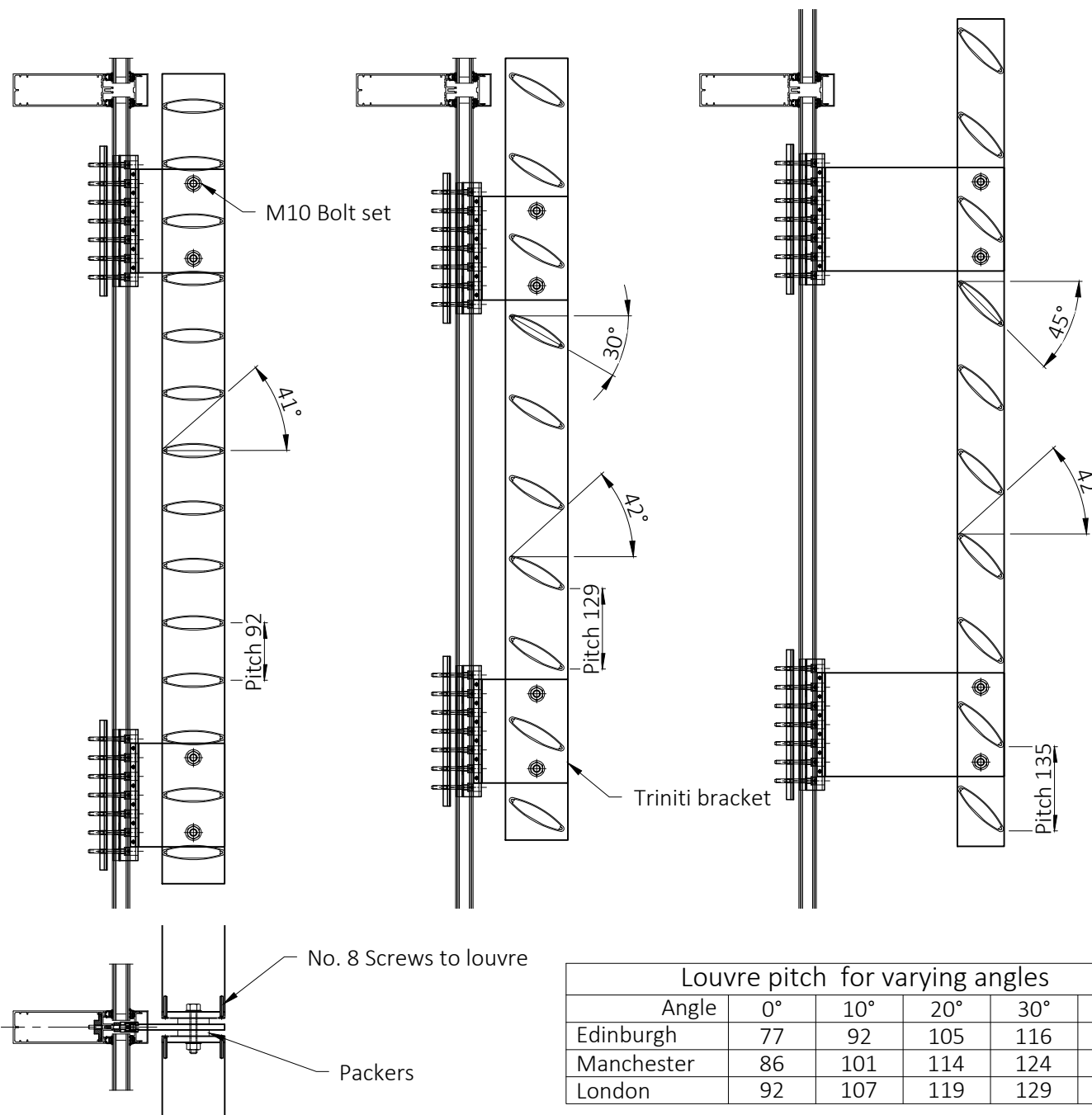
**Fixing:** To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets are available for different fixing grounds, including thermally broken curtain walling brackets.

**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	77	92	105	116	124
Manchester	86	101	114	124	130
London	92	107	119	129	135



CI/SfB | 76.7

Drawing No.

G.A.900/Aero/100/02

## Specification

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

**Description:** Extruded aluminium aerofoil louvre blade 100x23mm 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>	1850mm
1.2kN/m <sup>2</sup>	1650mm
1.5kN/m <sup>2</sup>	1500mm

**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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