

Drawing No.
G.A.920/Infin/450/01

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 450mm 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 ²	5100mm	800mm
1.2kN/m ²	4600mm	700mm
1.5kN/m ²	4200mm	650mm

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

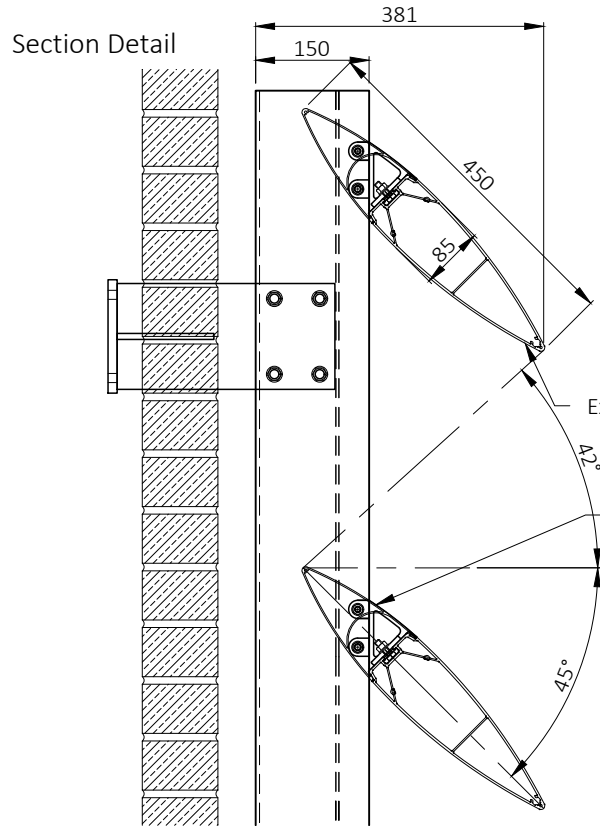
Fixing: To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets is available for different fixing grounds including a thermally broken curtain wall bracket.

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.

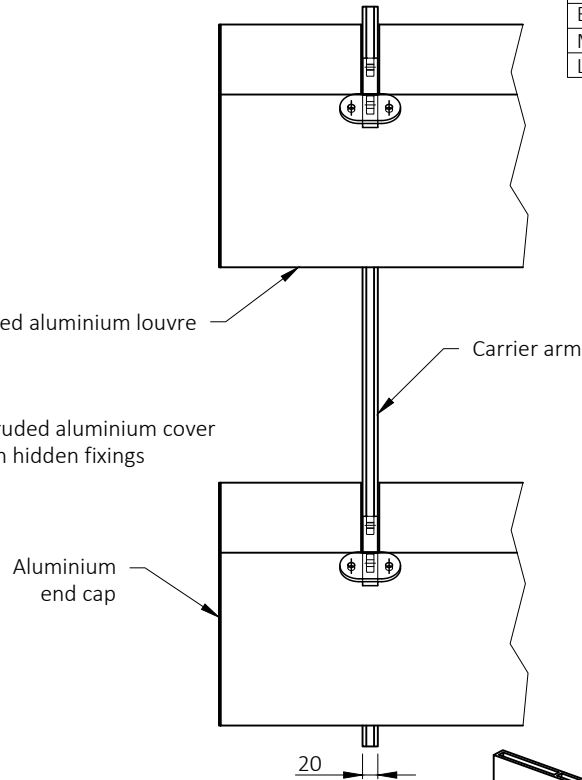
Environmental Friendly: Aluminium is 100% recyclable.



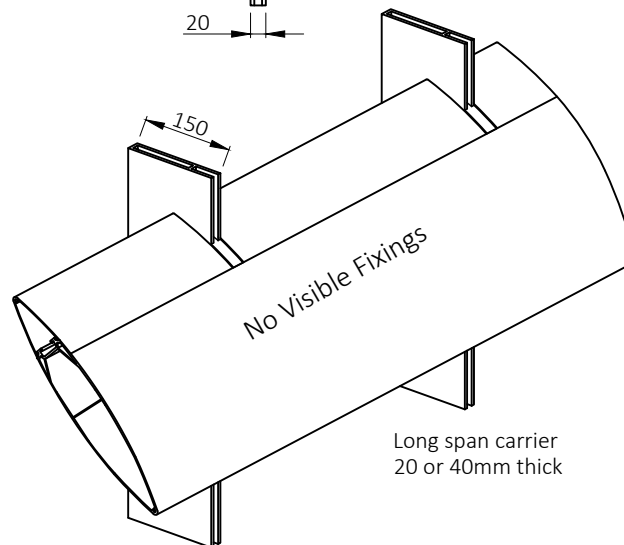
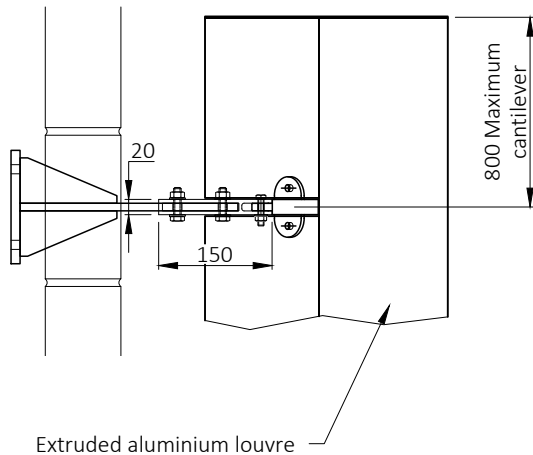
Address: White House Works, Bold Road, St. Helens, Merseyside, United Kingdom, WA9 4JG
 Telephone: St. Helens: 01744 648400 Harrow: 0208 863 9111 Gloucester: 01452 500007
 Email: info@levolux.com Website: www.levolux.com
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Elevation Detail



Plan Detail



Louvre pitch for various locations	
Angle	45°
Edinburgh	558
Manchester	585
London	606

Cl/SfB | 76.7



Drawing No.

G.A.920/Infin/450/02

Specification

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

Description: Extruded aluminium continuous appearance aerofoil louvre blade 450mm 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
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1.2kN/m ²	4600mm	700mm
1.5kN/m ²	4200mm	650mm

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

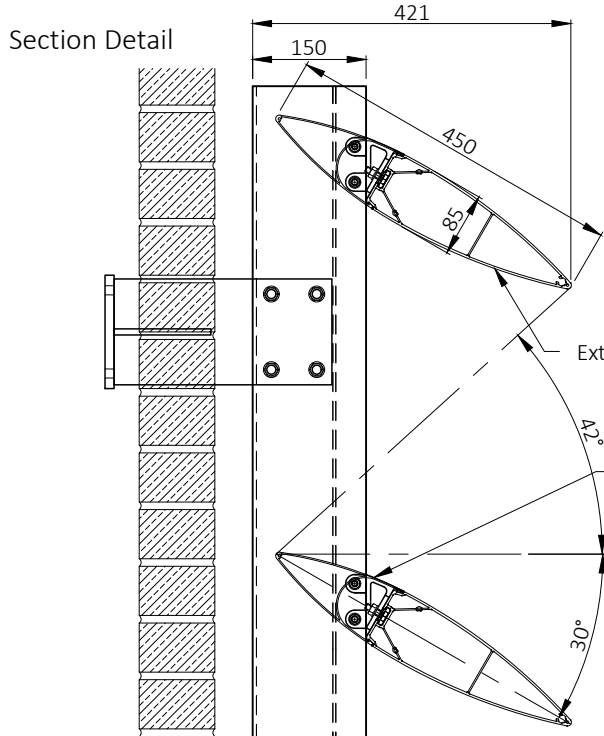
Fixing: To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets is available for different fixing grounds including a thermally broken curtain wall bracket.

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.

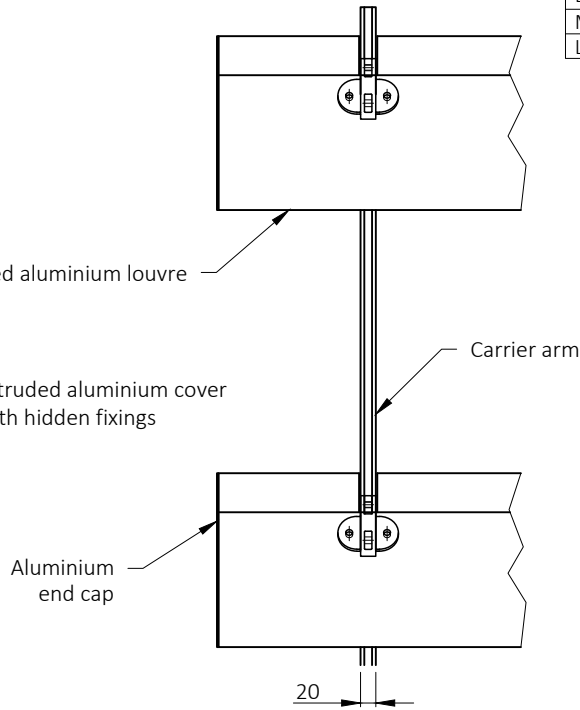
Environmental Friendly: Aluminium is 100% recyclable.



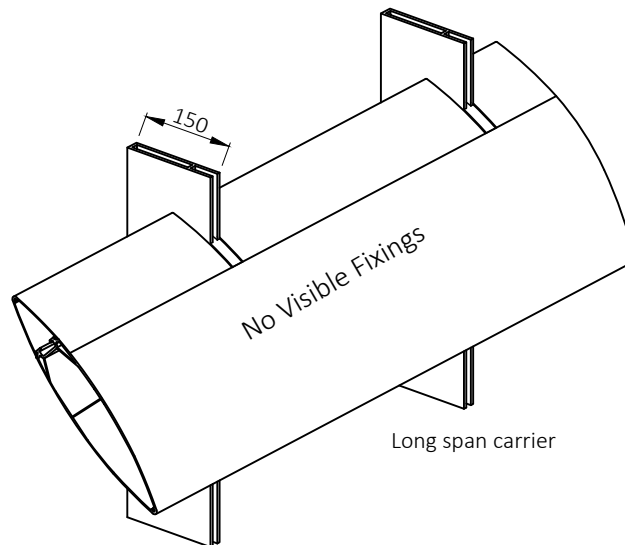
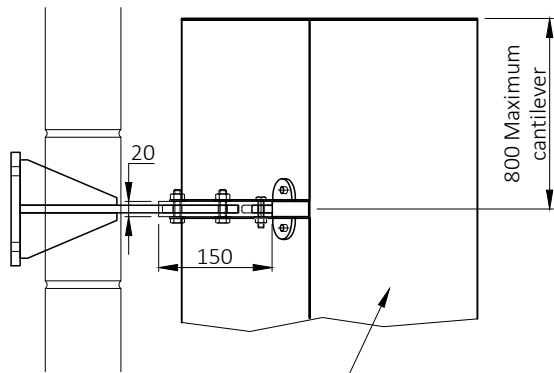
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Elevation Detail



Plan Detail



Louvre pitch for various locations	
Angle	30°
Edinburgh	522
Manchester	558
London	579

Cl/SfB | 76.7



Drawing No.

G.A.920/Infin/450/03

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 450mm 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.

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