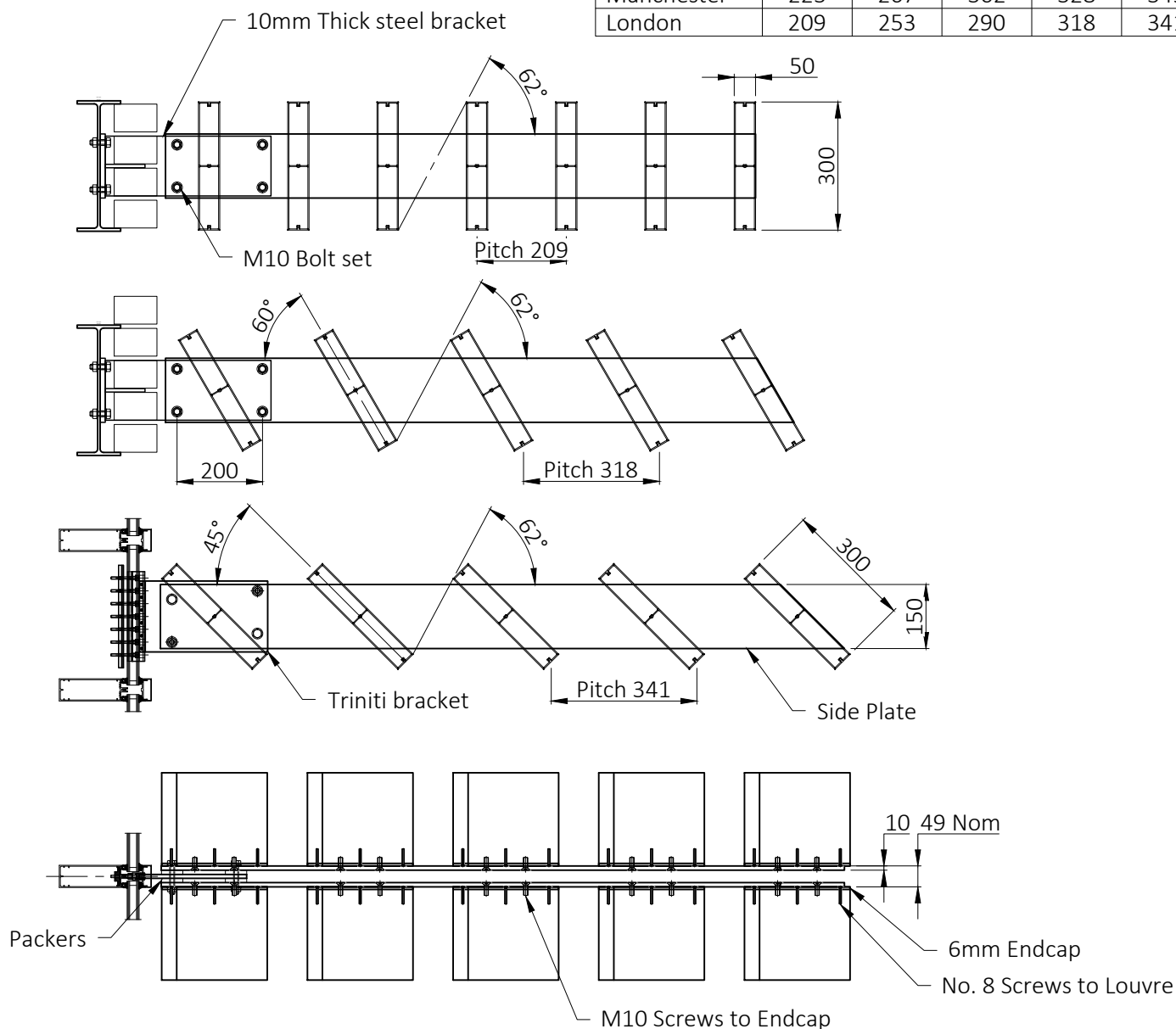


Louvre pitch for varying angles					
Angle	90°	80°	70°	60°	45°
Edinburgh	244	287	321	345	362
Manchester	223	267	302	328	349
London	209	253	290	318	341



CI/SfB | 76.7



Drawing No.

G.A.900/Box/300/01

## Specification

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

**Description:** Extruded box louvre blade 300x50mm 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>	4500mm
1.2kN/m <sup>2</sup>	4000mm
1.5kN/m <sup>2</sup>	3700mm

**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.



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@levolut.com](mailto:info@levolut.com) Website: [www.levolut.com](http://www.levolut.com)  
 Registered in England No: 1834176

Louvre pitch for varying angles					
Angle	90°	80°	70°	60°	45°
Edinburgh	234	245	274	296	341
Manchester	212	228	258	281	324
London	199	217	247	272	314

CI/SfB | 76.7

Drawing No.

G.A.900/Box/300/02



## Specification

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

**Description:** Extruded box louvre blade 300x45mm 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>	4000mm
1.2kN/m <sup>2</sup>	3600mm
1.5kN/m <sup>2</sup>	3300mm

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

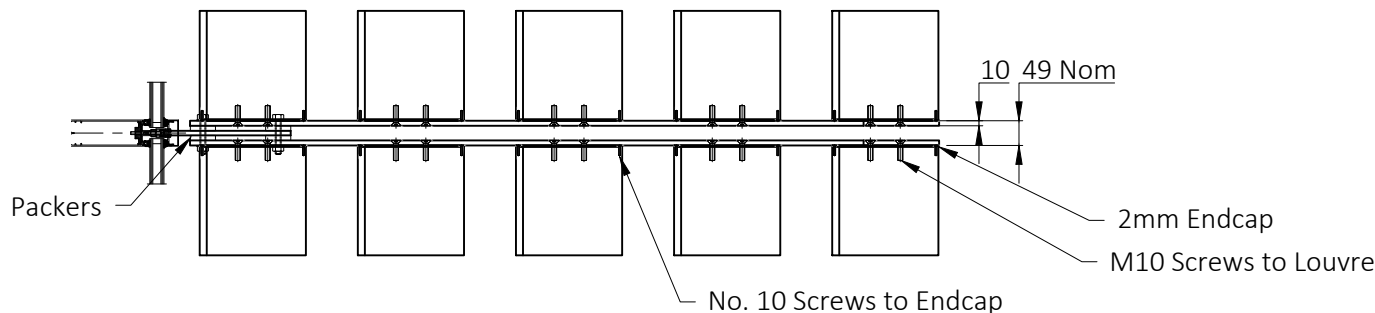
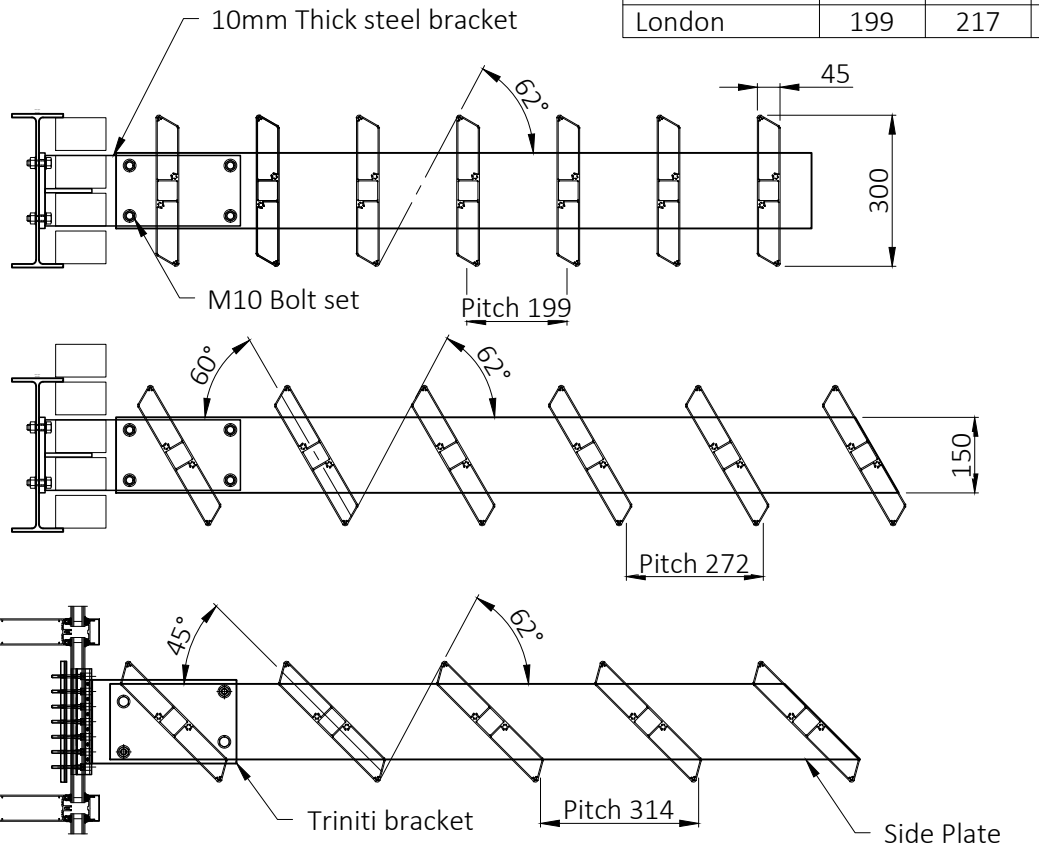
**Fixing:** To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets are available for different fixing grounds, including thermally broken curtain walling brackets.

**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.



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@levolut.com](mailto:info@levolut.com) Website: [www.levolut.com](http://www.levolut.com)  
 Registered in England No: 1834176





Drawing No.

G.A.900/Box/300/03

## Specification

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

**Description:** Extruded aluminium box louvre blade 300x50mm 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>	4500mm
1.2kN/m <sup>2</sup>	4000mm
1.5kN/m <sup>2</sup>	3700mm

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

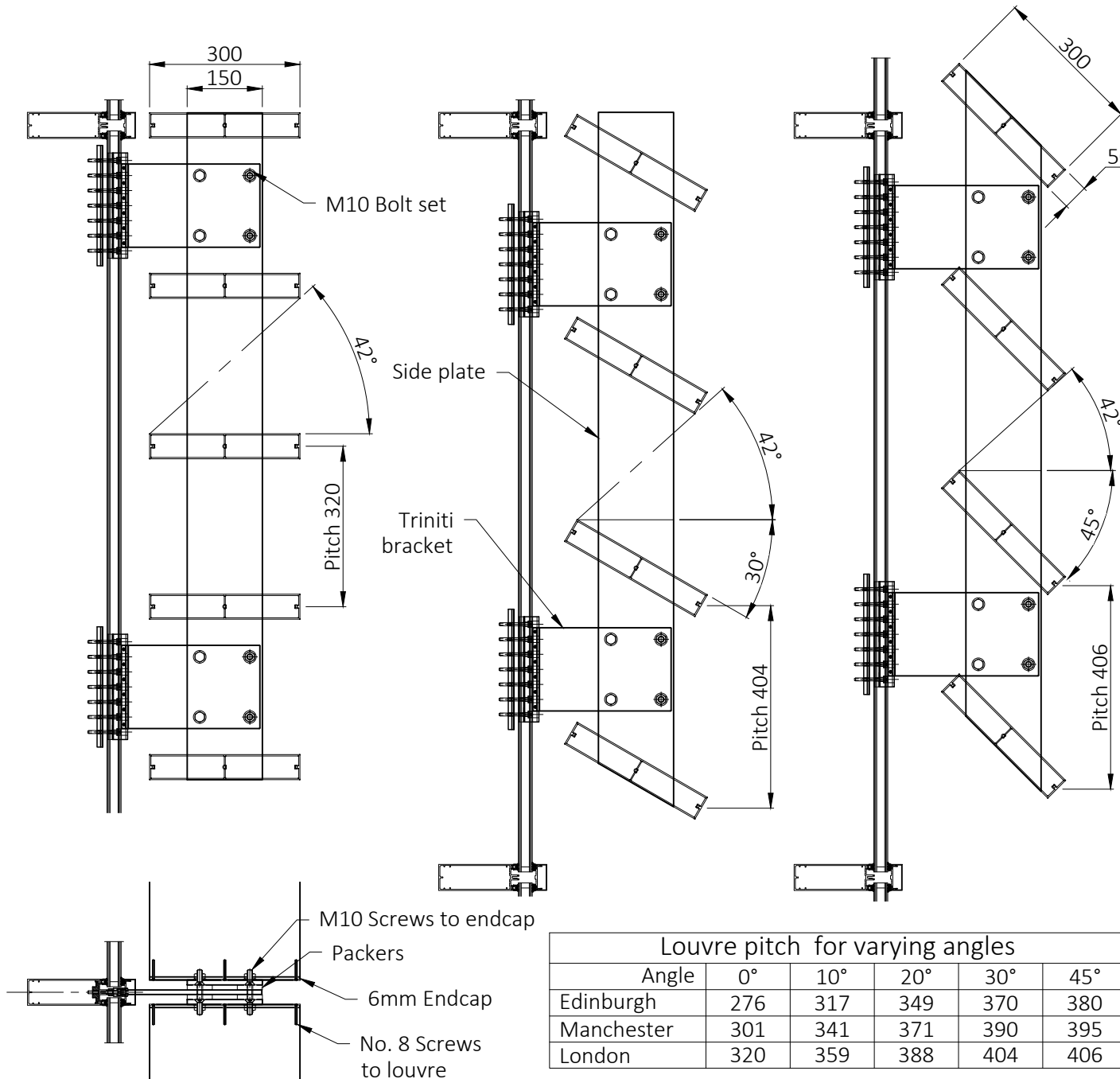
**Fixing:** To subcontractors details. A wide range of stainless, galvanised steel or aluminium fixing brackets are available for different fixing grounds, including thermally broken curtain walling brackets.

**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.

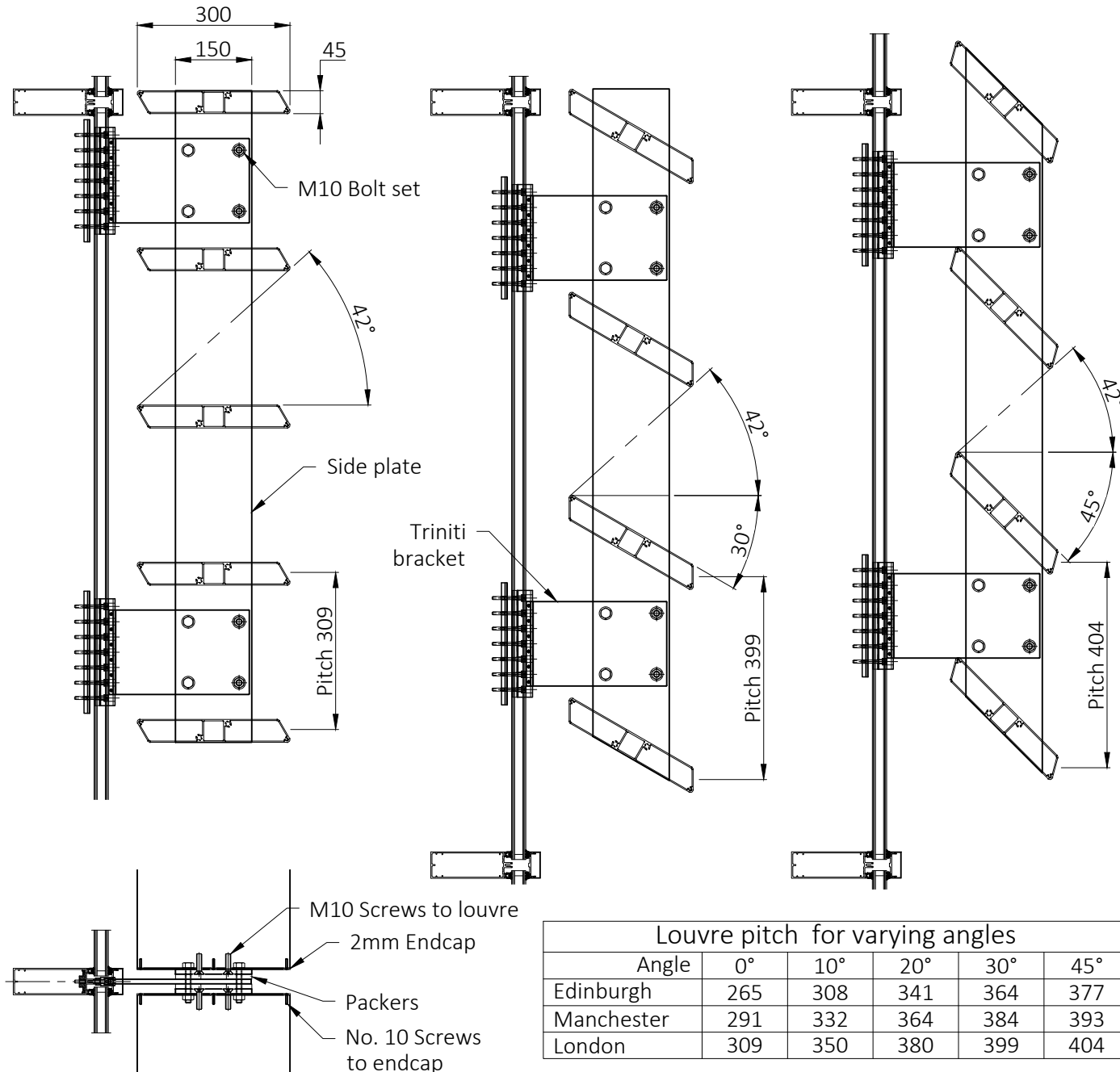


Address: White House Works, Bold Road, St. Helens, Merseyside, United Kingdom, WA9 4JG  
 Telephone: St. Helens: 01744 648400 Harrow: 0208 863 9111 Gloucester: 01452 500007  
 Email: [info@levolux.com](mailto:info@levolux.com) Website: [www.levolux.com](http://www.levolux.com)  
 Registered in England No: 1834176



Louvre pitch for varying angles

Angle	0°	10°	20°	30°	45°
Edinburgh	276	317	349	370	380
Manchester	301	341	371	390	395
London	320	359	388	404	406



Louvre pitch for varying angles					
Angle	0°	10°	20°	30°	45°
Edinburgh	265	308	341	364	377
Manchester	291	332	364	384	393
London	309	350	380	399	404



CI/SfB | 76.7

Drawing No.

G.A.900/Box/300/04

## Specification

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

**Description:** Extruded aluminium box louvre blade 300x45mm 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>	4000mm
1.2kN/m <sup>2</sup>	3600mm
1.5kN/m <sup>2</sup>	3300mm

**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.



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@levolut.com](mailto:info@levolut.com) Website: [www.levolut.com](http://www.levolut.com)  
 Registered in England No: 1834176