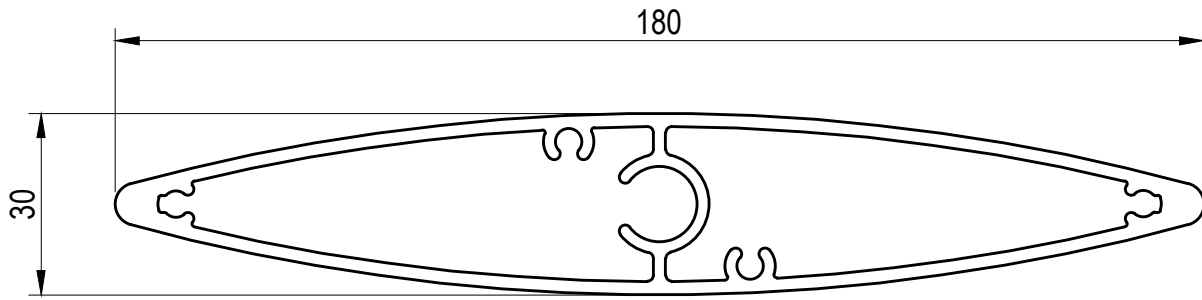


AURORA™ 180I LOUVRE BLADE



AU-LVR 180I - PROFILE

Deflections/Spans for AU-LVR 180I

| Wind Zone | Self Weight | Low | Medium | High | Very High | Extra High |
|--|--|--------------------|---|--------------------|------------------------|--------------------|
| m/s KPa | 0.0 m/s 0.0 KPa | 32 m/s 0.88 KPa | 37 m/s 1.18 KPa | 44 m/s 1.68 KPa | 50 m/s 2.17 KPa | 55 m/s 2.63 KPa |
| Service load kn/m | 0.027 | 0.134 | 0.186 | 0.276 | 0.365 | 0.447 |
| Span m | Numbers in cells are deflections in mm | | | | | |
| 2.9 | 3.70 | 18.39 | 25.52 | 37.87 | 50.08 | 61.33 |
| 3.0 | 4.24 | 21.06 | 29.23 | 43.37 | 57.36 | 70.24 |
| 3.1 | 4.84 | 24.01 | 33.32 | 49.45 | 65.39 | 80.09 |
| 3.2 | 5.49 | 27.26 | 37.84 | 56.14 | 74.25 | 90.93 |
| 3.3 | 6.21 | 30.83 | 42.79 | 63.50 | 83.98 | 102.84 |
| 3.4 | 7.00 | 34.74 | 48.22 | 71.55 | 94.63 | 115.88 |
| KEY: | Light Grey shading = Acceptable span | | Dark Grey shading = Over recommended span | | Black shading = Unsafe | |
| *Over Recommended Max Span' is the point at which Aurae considers the deflection as 'unsightly' | | | | | | |
| *Deflection values assume operable louvres in the closed position (therefore no porosity factor) | | | | | | |
| *Deflection values assume simple support and do not take into account the integrity of any fixing. | | | | | | |
| *Deflection values assume a horizontal louvre (not tilted) | | | | | | |
| *Please contact Aurae if your scenario is : Above 10m height, or is in a specific design location | | | | | | |

SHORT FORM SPECIFICATION (CONTACT INSOL FOR FULL SPECIFICATION):

LOUVRE BLADE TYPE: Louvre blades to be Aurae extruded aluminium profile AU-LVR 180I, weighing 2.72 kg/lm.

FIXING METHOD: Louvre blades to be fixed / manually operable / motorised in accordance with architectural drawings and Insol technical literature.

FINISH: Louvre blades and associated support brackets to be anodised / powdercoated as specified by the Architect.

AURORA™ 180I Technical Data Sheet



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