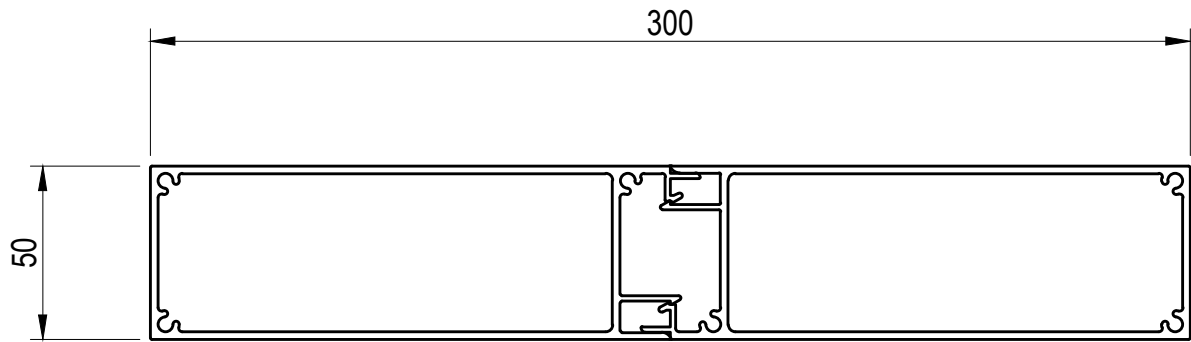


SOLARIS™ 300S LOUVRE BLADE



SLRS-LVR 300-S - PROFILE

Deflections/Spans for SLRS-LVR 300-S

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	0.026	0.110	0.150	0.230	0.300	0.360
Span m	Numbers in cells are deflections in mm					
4.6	5.10	21.57	29.42	45.11	58.83	70.60
4.7	5.56	23.51	32.06	49.16	64.12	76.94
4.8	6.05	25.58	34.88	53.48	69.75	83.70
4.9	6.56	27.77	37.87	58.07	75.75	90.90
5.0	7.12	30.11	41.06	62.96	82.13	98.55
5.1	7.70	32.59	44.45	68.15	88.89	106.67

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 Insol extruded aluminium profile SLRS-LVR 300S, weighing 5.116 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.

SOLARIS™ 300-S Technical Data Sheet

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