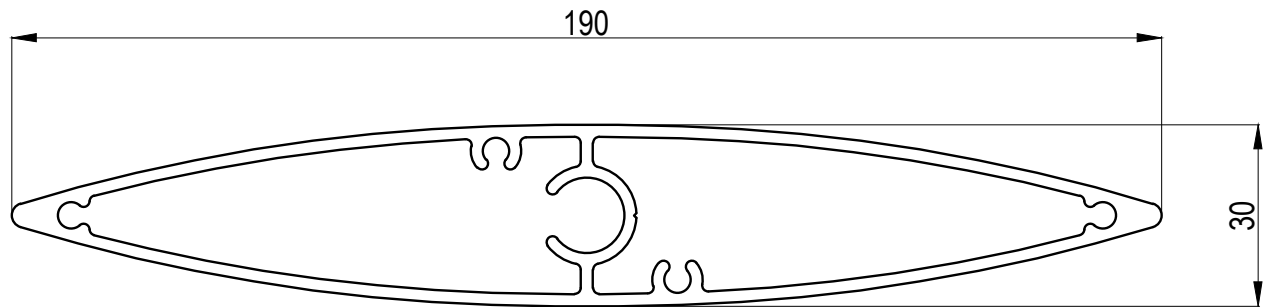


AURORA™ 190 LOUVRE BLADE



AU-LVR 190 - PROFILE

Deflections/Spans for AU-LVR 190

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	0.025	0.136	0.190	0.293	0.386	0.462
Span m	Numbers in cells are deflections in mm					
2.8	3.04	16.59	23.12	35.71	47.00	56.31
2.9	3.50	19.09	26.60	41.09	54.08	64.80
3	4.01	21.86	30.47	47.06	61.93	74.21
3.1	4.57	24.92	34.74	53.65	70.61	84.61
3.2	5.19	28.30	39.44	60.92	80.17	96.07
3.3	5.87	32.01	44.61	68.90	90.67	108.65
3.4	6.61	36.06	50.26	77.64	102.17	122.43
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 AU-LVR 190, weighing 2.547 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™ 190 Technical Data Sheet



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