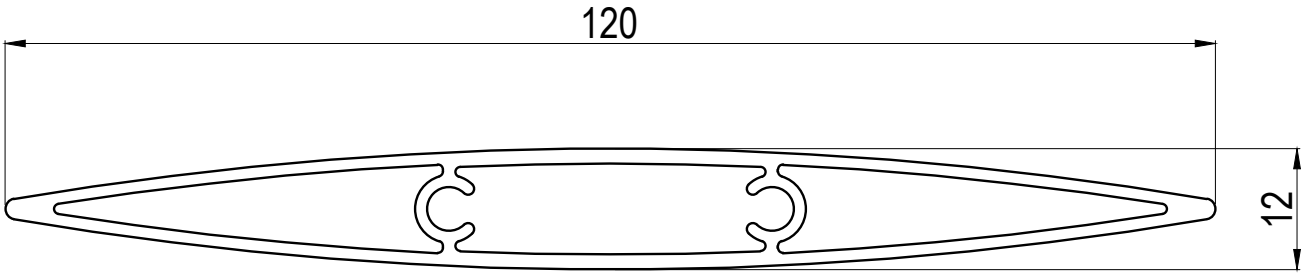
AURORA™ 120 LOUVRE BLADE



AU-LVR 120 - PROFILE

Deflections/Spans for AU-LVR 120						
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	**0.009**	**0.079**	**0.113**	**0.179**	**0.237**	**0.285**
Span m	Numbers in cells are deflections in mm					
1.3	0.94	8.14	11.61	18.29	24.29	29.24
1.4	1.27	10.95	15.61	24.61	32.67	39.32
1.5	1.67	14.43	20.57	32.43	43.05	51.82
1.6	2.17	18.68	26.63	41.98	55.73	67.08
1.7	2.76	23.80	33.94	53.50	71.02	85.49
1.8	3.47	29.91	42.66	67.24	89.27	107.45
1.9	4.31	37.14	52.96	83.47	110.82	133.40
2	5.29	45.59	65.02	102.48	136.06	163.78
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 120, weighing 0.941 kg/lm.
FIXING METHOD: Louvre blades to be fixed / manually operable 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™ 120
Technical Data Sheet

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Making houses look good.

Scale: N.T.S.
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