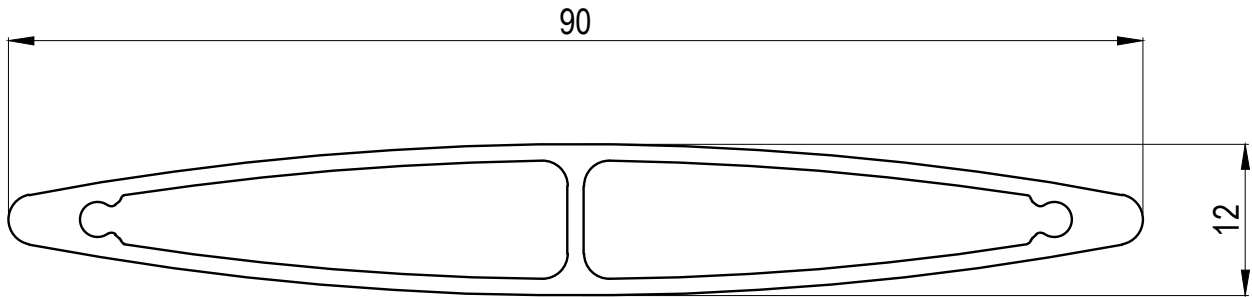


# AURORA™ 90 LOUVRE BLADE



## AU-LVR 90 - PROFILE

### Deflections/Spans for AU-LVR 90

Wind Zone	Self Weight	Low	Medium	High	Very High	Extra High
m/s	0.0 m/s	32 m/s	37 m/s	44 m/s	50 m/s	55 m/s
KPa	0.0 KPa	0.88 KPa	1.18 KPa	1.68 KPa	2.17 KPa	2.63 KPa
Service load kn/m	0.007	0.072	0.1	0.14	0.19	0.23
Span m	Numbers in cells are deflections in mm					
1.3	0.94	9.67	13.42	18.79	25.50	30.87
1.4	1.26	13.00	18.06	25.28	34.31	41.53
1.5	1.67	17.13	23.79	33.31	45.21	54.73
1.6	2.16	22.18	30.80	43.12	58.52	70.84
1.7	2.75	28.26	39.25	54.96	74.58	90.29
1.8	3.45	35.52	49.34	69.07	93.74	113.48
1.9	4.29	44.10	61.25	85.75	116.38	140.88
<b>KEY:</b>	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 90, weighing 0.743 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™ 90 Technical Data Sheet



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Date: 9/09/2015  
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