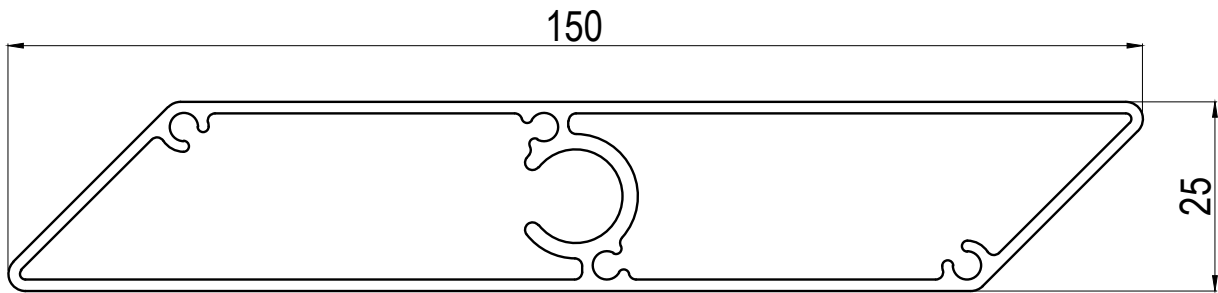


CALDERA™ 150 LOUVRE BLADE



CLDR-LVR 150 - PROFILE

Deflections/Spans for CLDR-LVR 150

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	0.016	0.104	0.146	0.227	0.301	0.361
Span m	Numbers in cells are deflections in mm					
2.8	2.93	19.26	27.13	42.31	55.91	67.14
2.9	3.37	22.16	31.22	48.68	64.34	77.26
3	3.86	25.38	35.75	55.75	73.68	88.48
3.1	4.40	28.93	40.76	63.56	84.00	100.88
3.2	4.99	32.85	46.28	72.17	95.38	114.54
3.3	5.65	37.15	52.34	81.62	107.87	129.54
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 CLDR-LVR 150, weighing 1.605 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.

CALDERA™ 150 Technical Data Sheet



© 2018 All rights reserved
Aurae Ltd
Ph: +64 9 218 8690
E: sales@aurae.co.nz
www.aurae.co.nz

Scale: N.T.S.
Date: 7/09/2015
Page: 1 of 1

CLDR-LVR 150 Version 1