

# Aluminum Louvers

LG Lite, VisiBlock, VisiShade & VisiScreen



Ohio Gratings louver products are made from fixed aluminum blades and are ideal for applications that require visual screening and open air flow with enhanced security.

## Features & Benefits:

- Manufactured using 6000 series alloy aluminum louver blade extrusions
- The VisiSeries has been designed and tested to meet requirements of the Zone 5 hurricane building code for non-occupiable spaces
- LGLite meets all the other zone requirements
- Available in six typical configurations to allow for different percentages of visual block and open area
- A channel frame can be designed or provided for installation into façade openings
- Custom sizes and finishes are available
- Extremely versatile, can be used for fences, gates, privacy screens, sunshades and ventilation grilles
- Meets LEED requirements for MR4.2 (20% recycled content)
- Made in USA



**OGi Architectural Metal Solutions**  
an Ohio Gratings Company

5299 Southway Street SW ■ Canton, OH 44706 ■ [www.ohiogratings.com](http://www.ohiogratings.com)

1-800-321-9800 ■ Fax 330-477-7872

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## Profiles & Load Tables

<b>LGLite (LGLi-100)</b>	<b>LGLite (LGLi-80)</b>	<b>LGLite(LGLi-60)</b>
<b>Open Area:</b> 37% <b>Visual Block:</b> 100%	<b>Open Area:</b> 38% <b>Visual Block:</b> 80%	<b>Open Area:</b> 39% <b>Visual Block:</b> 60%

PRODUCT	SIZE	WEIGHT (LBS./SQ.FT.)	SEC. PROP./FT. WIDTH S <sub>x</sub> , IN <sup>3</sup> I <sub>x</sub> , IN <sup>4</sup>	CLEAR SPAN								
				5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	
<b>LGLite</b>	LGLi-100	3.43	0.647	U	207	144	106	81	64	52	43	36
			0.609	D	0.478	0.688	0.937	1.224	1.549	1.912	2.314	2.754
<b>LGLite</b>	LGLi-80	2.80	0.512	U	164	114	84	64	51	41	34	28
			0.482	D	0.478	0.688	0.937	1.224	1.549	1.912	2.314	2.753
<b>LGLite</b>	LGLi-60	2.32	0.410	U	131	91	67	51	40	33	27	23
			0.386	D	0.478	0.688	0.937	1.224	1.549	1.912	2.313	2.753

<b>VisiBlock (LG-100)</b>	<b>VisiShade (LG-80)</b>	<b>VisiScreen (LG-60)</b>
<b>Open Area:</b> 63% <b>Visual Block:</b> 100%	<b>Open Area:</b> 64% <b>Visual Block:</b> 80%	<b>Open Area:</b> 64% <b>Visual Block:</b> 60%

PRODUCT	SIZE	WEIGHT (LBS./SQ.FT.)	SEC. PROP./FT. WIDTH S <sub>x</sub> , IN <sup>3</sup> I <sub>x</sub> , IN <sup>4</sup>	CLEAR SPAN								
				5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	
<b>VisiBlock</b>	LG-100	3.57	1.017	U	325	226	166	127	100	81	67	57
			1.254	D	.365	.526	.715	.934	1.182	1.460	1.766	2.102
<b>VisiShade</b>	LG-80	2.96	.821	U	263	182	134	103	81	66	54	46
			1.013	D	.365	.525	.715	.934	1.182	1.459	1.765	2.101
<b>VisiScreen</b>	LG-60	2.35	.626	U	200	139	102	78	62	50	41	35
			.773	D	.364	.525	.714	.933	1.181	1.458	1.764	2.099

U = Safe uniform load in lbs./sq.ft D = Deflection inches **NOTE:** Load and deflections given in this table are theoretical and are based on a unit stress of 12,000 psi.

