Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/06/16

How to Use This Table

1. Calculate total and live load (neglect beam weight) on the beam or header in pounds per linear foot (plf).
2. Select appropriate **Span** (center-to-center of bearing).
3. Scan horizontally to find the proper width, and a depth with a capacity that exceeds actual total and live loads.
4. Review bearing length requirements to ensure adequacy.

*Also see **General Notes** on page 19.*

2.0E Microllam® LVL: Floor—100% (PLF)

Span	Condition	1¾" Width							3½" Width (2-ply)					
		5½"	7¼"	9¼"	9½"	11¼"	11⅞"	14"	5½"	7¼"	9¼"	9½"	11¼"	11⅞"
6'	Total Load	455	762	1,027	1,062	1,324	1,424	1,794	910	1,525	2,055	2,125	2,648	2,848
	Live Load L/360	305	659	*	*	*	*	*	610	1,319	*	*	*	*
	Min. End/Int. Bearing (in.)	1.5/3.5	1.8/4.4	2.4/5.9	2.4/6.1	3/7.6	3.3/8.2	4.1/10.3	1.5/3.5	1.8/4.4	2.4/5.9	2.4/6.1	3/7.6	3.3/8.2
8'	Total Load	153	342	695	731	915	978	1,207	307	685	1,391	1,462	1,830	1,956
	Live Load L/360	133	295	584	628	*	*	*	267	591	1,169	1,257	*	*
	Min. End/Int. Bearing (in.)	1.5/3.5	1.5/3.5	2.1/5.3	2.2/5.6	2.8/7	3/7.5	3.7/9.3	1.5/3.5	1.5/3.5	2.1/5.3	2.2/5.6	2.8/7	3/7.5
9'-6"	Total Load	77	174	491	517	709	784	968	154	349	983	1,034	1,418	1,569
	Live Load L/360	*	*	362	390	624	723	*	*	*	724	780	1,248	1,446
	Min. End/Int. Bearing (in.)	1.5/3.5	1.5/3.5	1.8/4.5	1.9/4.7	2.6/6.5	2.9/7.2	3.5/8.8	1.5/3.5	1.5/3.5	1.8/4.5	1.9/4.7	2.6/6.5	2.9/7.2
10'	Total Load	62	142	443	466	639	707	908	124	284	886	932	1,279	1,415
	Live Load L/360	*	*	313	337	542	628	*	*	*	626	675	1,084	1,257
	Min. End/Int. Bearing (in.)	1.5/3.5	1.5/3.5	1.7/4.3	1.8/4.5	2.5/6.1	2.7/6.8	3.5/8.7	1.5/3.5	1.5/3.5	1.7/4.3	1.8/4.5	2.5/6.1	2.7/6.8
12'	Total Load		67	274	296	442	489	666	57	135	548	593	885	979
	Live Load L/360		*	186	200	325	379	599	*	*	372	401	651	758
	Min. End/Int. Bearing (in.)		1.5/3.5	1.5/3.5	1.5/3.5	2/5.1	2.3/5.7	3.1/7.7	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	2/5.1	2.3/5.7
14'	Total Load			173	188	308	358	487		70	347	376	617	716
	Live Load L/360			119	128	209	244	390		*	238	257	419	489
	Min. End/Int. Bearing (in.)			1.5/3.5	1.5/3.5	1.7/4.2	1.9/4.9	2.6/6.6		1.5/3.5	1.5/3.5	1.5/3.5	1.7/4.2	1.9/4.9
16'-6"	Total Load			105	114	189	222	349			211	229	379	445
	Live Load L/360			73	79	130	152	245			147	159	260	305
	Min. End/Int. Bearing (in.)			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.6	2.2/5.6			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.6
18'-6"	Total Load			74	80	134	158	257			148	161	268	316
	Live Load L/360			52	56	93	109	176			105	113	186	218
	Min. End/Int. Bearing (in.)			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.7			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5
20'	Total Load			57	62	105	124	204			115	125	211	249
	Live Load L/360			41	45	74	87	140			83	90	148	174
	Min. End/Int. Bearing (in.)			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.6/4			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5
22'	Total Load					78	92	152			85	92	157	185
	Live Load L/360					56	65	106			63	68	112	131
	Min. End/Int. Bearing (in.)					1.5/3.5	1.5/3.5	1.5/3.5			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5
24'	Total Load					59	70	117			63	69	118	140
	Live Load L/360					43	51	82			48	52	86	102
	Min. End/Int. Bearing (in.)					1.5/3.5	1.5/3.5	1.5/3.5			1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5
26'	Total Load						54	91				52	91	108
	Live Load L/360						40	65				41	68	80
	Min. End/Int. Bearing (in.)						1.5/3.5	1.5/3.5				1.5/3.5	1.5/3.5	1.5/3.5
28'	Total Load							71					71	84
	Live Load L/360							52					55	64
	Min. End/Int. Bearing (in.)							1.5/3.5					1.5/3.5	1.5/3.5
30'	Total Load							57					55	66
	Live Load L/360							42					44	52
	Min. End/Int. Bearing (in.)							1.5/3.5					1.5/3.5	1.5/3.5

* Indicates **Total Load** value controls.