

Client: **LAMCO**
 Client SN: **LAM-Floor Deflection Chart**
 Job #: **PER13354**

LAM-FLOOR - Deflection

b = **1.25** in I = 1.71 in⁴
 d = **10.5** in E = **1400000** psi

Load (psf)		Spacing (in)											
		12		16		19.2		24		32		48	
Live	Dead	Live	Total	Live	Total	Live	Total	Live	Total	Live	Total	Live	Total
40	40	L/36458	L/18229	L/15380	L/7690	L/8900	L/4450	L/4557	L/2278	L/1922	L/961	L/569	L/284
50	40	L/29166	L/16203	L/12304	L/6835	L/7120	L/3955	L/3645	L/2025	L/1538	L/854	L/455	L/253
100	40	L/14583	L/10416	L/6152	L/4394	L/3560	L/2543	L/1822	L/1302	L/769	L/549	L/227	L/162
150	40	L/9722	L/7675	L/4101	L/3238	L/2373	L/1873	L/1215	L/959	L/512	L/404	L/151	L/119
250	40	L/5833	L/5028	L/2460	L/2121	L/1424	L/1227	L/729	L/628	L/307	L/265	NA	NA