

Material: Extruded Aluminum 6063 per ASTM B221  
 Fs = 12,000 psi  
 E = 10,000,000 psi  
 Bearing bars spaced 1.2" on center  
 # of bearing bars per foot = 10

**IKG Industries**  
 a harsco company

**Type SL Heavy Duty Aluminum Plank**

**ALUMINUM SAFE LOAD TABLE**  
 U = Uniform load in pounds per square foot  
 D = Deflection in inches  
 C = Concentrated load at mid span in pounds per foot of width

Maximum span for 1/4" deflection under a uniform load of 100 psf		SPAN IN INCHES																			
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	
SL-30	46	U	3088	1372	772	494	343	252	193	152	124	102	86	73	63	55	48	43	38	34	31
DEPTH 1		D	0.036	0.081	0.143	0.224	0.322	0.439	0.573	0.723	0.899	1.083	1.293	1.511	1.754	2.018	2.280	2.603	2.892	3.212	3.595
S <sup>3</sup> /ft 0.3860		C	1544	1029	772	618	515	441	386	343	309	281	257	238	221	206	193	182	172	163	154
I <sup>4</sup> /ft 0.1940		D	0.029	0.064	0.115	0.179	0.258	0.351	0.458	0.580	0.717	0.868	1.030	1.213	1.407	1.613	1.834	2.074	2.327	2.593	2.858