

LONGSPAN STEEL JOISTS, LH-SERIES

METRIC LRFD LOAD TABLE LONGSPAN STEEL JOISTS, LH-SERIES

Based on a 345 MPa Yield Strength

Adopted by the Steel Joist Institute May 1, 2000 – Revised to November 10, 2003 - Effective March 01, 2005

The black figures in the following table give the TOTAL safe factored uniformly distributed load-carrying capacities, in kiloNewtons per meter (kN/m) of **LRFD LH-Series** Steel Joists. The weight (kN/m) of the factored DEAD loads, including the joists, must in all cases be deducted to determine the factored LIVE load-carrying capacities of the joists. The approximate DEAD load of the joist may be determined from the weights shown in the tables.

The **RED** figures in this load table are the unfactored, nominal LIVE loads (kiloNewtons per meter) of joist which will produce an approximate deflection of 1/360 of the span. LIVE loads which produce a deflection of 1/240 of the span may be obtained by multiplying the **RED** figures by 1.5. In no case shall the TOTAL load capacity of the joists be exceeded.

This load table applies to joists with either parallel chords or standard pitched top chords. When top chords are pitched, the carrying capacities are determined by the nominal depth of the joist at center of the span. Standard top chord pitch is 1:96. If pitch exceeds this standard, the load table **does not** apply. Sloped parallel-chord joists shall use span as defined by the length along the slope.

Where the joist span is in the **RED SHADED** area of the load table, the row of bridging nearest the mid span shall be diagonal bridging with bolted connections at chords and intersection. Hoisting cables shall not be released until this row of bolted diagonal bridging is completely installed.

Where the joist span is in the **BLUE SHADED** area of the load table, all rows of bridging shall be diagonal bridging with bolted connections at chords and intersection. Hoisting cables shall not be released until the two rows of bridging nearest the third points are completely installed.

When holes are required in top or bottom chords, the carrying capacities must be reduced in proportion to the reduction of chord areas.

The top chords are considered as being stayed laterally by floor slab or roof deck.

The approximate joist weights (kg/m) and mass (kN/m) shown in these tables do **not** include accessories.

The approximate moment of inertia of the joist, in mm⁴ is: $I_j = 2.6953(W_{LL})(L^3)(10^{-5})$, where W_{LL} = **RED** figure in the Load Table, and L = (span + 203) in millimeters.

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METRIC LOAD TABLE FOR LONGSPAN STEEL JOISTS, LH-SERIES
Based on a 345 MPa Maximum Yield Strength - Loads Shown in KiloNewtons per Meter (kN/m)

Joist Designation	Approx Mass (kN/m) (Joists only)	Approx Mass (kg/m) (Joists only)	Depth in (mm)	SAFELOAD* in kN Between	CLEAR SPAN (mm)																
					6401-7315	7620	7925	8230	8534	8839	9144	9449	9754	10058	10363	10668	10973				
					120.0	10.24	9.67	9.15	8.55	8.03	7.55	7.09	6.69	6.32	5.97	5.66	5.36				
18LH02	0.15	15	457	120.0	4.56	4.14	3.77	3.41	3.09	2.81	2.55	2.33	2.14	1.97	1.80	1.66					
18LH03	0.16	16	457	133.1	5.07	4.62	4.21	3.82	3.44	3.10	2.83	2.58	2.34	2.15	1.98	1.80					
18LH04	0.18	18	457	155.1	5.88	5.35	4.80	4.31	3.88	3.53	3.19	2.91	2.65	2.43	2.23	2.05					
18LH05	0.22	22	457	175.1	6.62	6.04	5.51	5.03	4.53	4.11	3.73	3.40	3.09	2.84	2.61	2.39					
18LH06	0.22	22	457	207.2	7.67	7.07	6.51	6.03	5.53	5.09	4.62	4.20	3.85	3.51	3.23	2.97					
18LH07	0.25	25	457	215.1	8.07	7.48	6.94	6.24	5.63	5.09	4.62	4.20	3.85	3.51	3.23	2.97					
18LH08	0.28	28	457	224.1	8.42	7.79	7.23	6.74	6.23	5.64	5.12	4.67	4.26	3.89	3.59	3.29					
18LH09	0.31	31	457	240.2	8.98	8.33	7.69	7.16	6.68	6.10	5.54	5.04	4.61	4.21	3.88	3.57					
					6706-7315	7620	7925	8230	8534	8839	9144	9449	9754	10058	10363	10668	10973	11278	11582	11887	12192
20LH02	0.15	15	508	113.0	4.46	4.02	3.64	3.29	2.96	2.64	2.32	2.07	1.82	1.58	1.38	1.21	1.06	0.92	0.79	0.67	
20LH03	0.16	16	508	120.0	4.91	4.45	4.02	3.64	3.29	2.96	2.64	2.32	2.07	1.82	1.58	1.38	1.21	1.06	0.92	0.79	
20LH04	0.18	18	508	147.0	5.69	5.17	4.71	4.30	3.92	3.56	3.22	2.89	2.57	2.26	1.97	1.71	1.47	1.24	1.03	0.84	
20LH05	0.20	21	508	158.1	6.19	5.63	5.13	4.71	4.32	3.95	3.60	3.26	2.93	2.61	2.31	2.04	1.79	1.55	1.33	1.13	
20LH06	0.22	22	508	211.1	6.84	6.24	5.69	5.24	4.84	4.46	4.10	3.76	3.42	3.09	2.77	2.46	2.16	1.88	1.61	1.36	
20LH07	0.25	25	508	225.2	7.44	6.79	6.21	5.72	5.29	4.88	4.49	4.13	3.78	3.44	3.11	2.79	2.48	2.18	1.89	1.62	
20LH08	0.28	28	508	232.1	7.97	7.27	6.66	6.13	5.68	5.24	4.83	4.44	4.07	3.72	3.38	3.04	2.71	2.39	2.08	1.79	
20LH09	0.31	31	508	254.1	8.63	7.88	7.23	6.66	6.19	5.73	5.30	4.89	4.49	4.11	3.75	3.39	3.04	2.70	2.36	2.03	
20LH10	0.34	34	508	274.2	9.33	8.53	7.82	7.22	6.71	6.24	5.80	5.37	4.95	4.54	4.14	3.75	3.35	2.94	2.53	2.12	



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Based on a 345 MPa Maximum Yield Strength - Loads Shown in KiloNewtons per Meter (kN/m)

Joist Designation	Approx Mass (kN/m) (Joists only)	Approx Mass (kg/m) (Joists only)	Depth in (mm)	SAFELOAD* in kN Between	CLEAR SPAN (mm)																			
					8534-9754																			
					10058	10363	10668	10973	11278	11582	11887	12192	12497	12802	13106	13411	13716	14021	14326	14630				
24LH03	0.16	16	610	76.7	7.48 3.42	7.42 3.29	7.35 3.18	7.07 2.97	6.72 2.74	6.41 2.55	6.10 2.36	5.84 2.21	5.58 2.05	5.34 1.92	5.12 1.80	4.90 1.69	4.70 1.59	4.53 1.48	4.35 1.40	4.18 1.31				
24LH04	0.18	18	610	94.4	9.17 4.20	8.71 3.86	8.29 3.59	7.88 3.31	7.50 3.06	7.15 2.84	6.82 2.65	6.52 2.46	6.23 2.30	5.97 2.15	5.73 2.01	5.49 1.89	5.27 1.78	5.05 1.66	4.85 1.56	4.68 1.47				
24LH05	0.19	19	610	100.7	9.82 4.49	9.76 4.33	9.63 4.15	9.17 3.85	8.73 3.56	8.31 3.29	7.94 3.06	7.59 2.86	7.24 2.65	6.93 2.49	6.65 2.33	6.37 2.18	6.12 2.05	5.88 1.92	5.64 1.80	5.42 1.70				
24LH06	0.23	24	610	135.4	13.22 5.99	12.67 5.57	12.14 5.19	11.60 4.83	11.03 4.46	10.50 4.14	10.00 3.83	9.56 3.57	9.12 3.32	8.73 3.07	8.34 2.87	7.96 2.68	7.61 2.51	7.31 2.34	7.00 2.21	6.72 2.07				
24LH07	0.25	25	610	148.7	14.55 6.59	13.96 6.14	13.41 5.73	12.87 5.35	12.36 5.00	11.84 4.67	11.29 4.33	10.74 4.02	10.24 3.75	9.76 3.48	9.32 3.25	8.90 3.03	8.51 2.84	8.16 2.65	7.81 2.49	7.50 2.34				
24LH08	0.26	27	610	158.8	15.47 7.00	14.82 6.52	14.20 6.07	13.61 5.66	13.06 5.28	12.52 4.93	11.93 4.58	11.38 4.26	10.87 3.96	10.39 3.70	9.96 3.47	9.52 3.23	9.12 3.03	8.75 2.86	8.40 2.68	8.07 2.52				
24LH09	0.31	31	610	186.8	18.21 8.20	17.68 7.73	17.18 7.31	16.72 6.71	16.00 6.18	15.23 5.73	14.51 5.29	13.83 4.91	13.17 4.56	12.56 4.26	11.99 3.96	11.47 3.70	10.96 3.47	10.50 3.25	10.06 3.05	9.65 2.86				
24LH10	0.34	34	610	197.5	19.30 8.69	18.73 8.15	18.21 7.70	17.70 7.29	17.24 6.91	16.81 6.40	16.13 5.92	15.36 5.51	14.62 5.12	13.94 4.75	13.30 4.43	12.74 4.15	12.17 3.87	11.66 3.63	11.18 3.41	10.72 3.21				
24LH11	0.36	37	610	208.1	20.29 9.10	19.70 8.58	19.15 8.09	18.62 7.66	18.14 7.26	17.66 6.88	17.22 6.55	16.81 6.10	16.06 5.66	15.34 5.26	14.68 4.91	14.05 4.59	13.48 4.29	12.91 4.02	12.41 3.77	11.90 3.54				
					10058-12192	12497	12802	13106	13411	13716	14021	14326	14630	14935	15240	15545	15850	16154	16459	16764	17069			
28LH05	0.19	19	711	93.4	7.37 3.19	7.07 2.99	6.78 2.80	6.50 2.62	6.26 2.46	6.01 2.32	5.80 2.18	5.58 2.07	5.36 1.94	5.18 1.83	4.99 1.73	4.81 1.64	4.66 1.56	4.50 1.48	4.35 1.41	4.22 1.34				
28LH06	0.23	24	711	124.1	9.80 4.21	9.39 3.94	9.01 3.69	8.64 3.47	8.29 3.25	7.96 3.05	7.66 2.87	7.37 2.71	7.09 2.55	6.85 2.42	6.58 2.27	6.37 2.15	6.15 2.04	5.93 1.94	5.73 1.83	5.53 1.75				
28LH07	0.25	25	711	140.1	11.05 4.75	10.59 4.45	10.15 4.15	9.74 3.89	9.34 3.66	8.97 3.44	8.62 3.23	8.29 3.05	7.99 2.87	7.70 2.71	7.42 2.56	7.15 2.42	6.91 2.30	6.67 2.18	6.45 2.07	6.23 1.93				
28LH08	0.26	27	711	150.1	11.82 5.07	11.31 4.74	10.85 4.45	10.39 4.15	9.98 3.91	9.58 3.67	9.19 3.44	8.82 3.23	8.47 3.05	8.12 2.86	7.81 2.69	7.53 2.55	7.24 2.40	6.98 2.27	6.74 2.15	6.50 2.04				
28LH09	0.31	31	711	184.8	14.60 6.24	13.98 5.83	13.39 5.47	12.82 5.12	12.32 4.80	11.82 4.50	11.36 4.24	10.92 3.99	10.52 3.76	10.13 3.54	9.76 3.32	9.41 3.15	9.08 2.97	8.77 2.81	8.47 2.67	8.18 2.52				
28LH10	0.34	34	711	202.1	15.95 6.80	15.41 6.40	14.86 6.04	14.25 5.66	13.68 5.31	13.13 4.99	12.60 4.69	12.12 4.42	11.66 4.15	11.23 3.92	10.83 3.72	10.44 3.51	10.06 3.32	9.71 3.13	9.39 2.97	9.08 2.81				
28LH11	0.36	37	711	216.8	17.07 7.26	16.68 6.93	16.11 6.53	15.56 6.17	14.92 5.79	14.33 5.44	13.76 5.12	13.24 4.83	12.74 4.55	12.28 4.29	11.82 4.05	11.40 3.83	10.98 3.63	10.61 3.44	10.24 3.25	9.91 3.09				
28LH12	0.39	40	711	238.2	18.76 7.95	18.32 7.58	17.90 7.23	17.51 6.94	17.11 6.62	16.76 6.34	16.13 5.95	15.52 5.58	14.92 5.26	14.36 4.96	13.83 4.68	13.33 4.42	12.84 4.15	12.39 3.94	11.95 3.73	11.53 3.54				
28LH13	0.44	45	711	248.2	19.59 8.30	19.13 7.92	18.69 7.55	18.27 7.22	17.86 6.88	17.49 6.59	17.11 6.31	16.76 6.05	16.44 5.77	16.06 5.44	15.80 5.13	15.19 4.84	14.62 4.58	14.07 4.33	13.57 4.10	12.63 3.88				
					11582-14021	14326-14630	14935	15240	15545	15850	16154	16459	16764	17069	17374	17678	17983	18288	18593	18898	19202	19507		
32LH06	0.20	21	813	112.0	112.0	7.39 3.07	7.13 2.90	6.89 2.75	6.65 2.61	6.43 2.46	6.21 2.34	6.01 2.23	5.82 2.11	5.62 2.01	5.45 1.91	5.29 1.82	5.12 1.73	4.96 1.66	4.81 1.57	4.68 1.51	4.55 1.44			
32LH07	0.23	24	813	123.4	123.4	8.29 3.42	8.01 3.25	7.72 3.07	7.46 2.91	7.20 2.75	6.96 2.61	6.74 2.48	6.52 2.36	6.30 2.24	6.10 2.13	5.93 2.04	5.73 1.94	5.56 1.85	5.40 1.76	5.25 1.69	5.10 1.61			
32LH08	0.25	25	813	158.1	158.1	8.99 3.72	8.69 3.53	8.38 3.34	8.07 3.15	7.81 2.99	7.55 2.83	7.28 2.68	7.04 2.55	6.82 2.43	6.61 2.32	6.41 2.20	6.21 2.10	6.01 1.99	5.84 1.91	5.66 1.82	5.51 1.75			
32LH09	0.31	31	813	174.1	174.1	11.29 4.65	10.90 4.40	10.50 4.15	10.13 3.94	9.78 3.73	9.45 3.54	9.15 3.35	8.84 3.19	8.55 3.03	8.29 2.88	8.03 2.75	7.79 2.62	7.55 2.51	7.33 2.39	7.11 2.29	6.89 2.17			
32LH10	0.31	31	813	190.1	190.1	12.49 5.13	12.03 4.84	11.62 4.59	11.20 4.33	10.83 4.11	10.46 3.89	10.11 3.70	9.74 3.50	9.41 3.32	9.10 3.16	8.80 3.00	8.51 2.86	8.21 2.71	7.96 2.59	7.72 2.46	7.48 2.36			
32LH11	0.35	36	813	227.5	227.5	13.68 5.61	13.17 5.29	12.69 5.00	12.25 4.74	11.84 4.49	11.42 4.26	11.05 4.04	10.68 3.83	10.35 3.66	10.02 3.48	9.69 3.31	9.39 3.15	9.10 3.00	8.82 2.86	8.53 2.72	8.27 2.61			
32LH12	0.39	40	813	267.5	267.5	16.06 6.56	15.58 6.24	15.06 5.92	14.53 5.60	14.03 5.31	13.53 5.05	13.09 4.77	12.65 4.53	12.23 4.30	11.84 4.10	11.47 3.89	11.12 3.72	10.77 3.54	10.44 3.38	10.13 3.22	9.82 3.07			
32LH13	0.44	45	813	294.9	294.9	17.88 7.29	17.53 7.00	17.18 6.72	16.87 6.47	16.24 6.12	15.65 5.79	15.10 5.48	14.57 5.16	14.07 4.90	13.59 4.65	13.13 4.43	12.71 4.20	12.30 4.01	11.90 3.82	11.53 3.63	11.18 3.47			
32LH14	0.48	49	813	310.9	310.9	18.45 7.51	18.08 7.22	17.73 6.94	17.40 6.68	17.07 6.42	16.76 6.08	16.15 5.76	15.60 5.45	15.06 5.18	14.55 4.91	14.07 4.68	13.61 4.43	13.17 4.23	12.76 4.02	12.34 3.85	11.97 3.66			
32LH15	0.51	52	813	288.2	288.2	19.04 7.76	18.67 7.45	18.32 7.18	17.97 6.90	17.62 6.62	17.31 6.39	16.98 6.15	16.70 5.93	16.41 5.73	15.87 5.45	15.34 5.18	14.84 4.93	14.36 4.69	13.80 4.46	13.48 4.26	13.06 4.07			
					12802-14021	14326-17069	17374	17678	17983	18288	18593	18898	19202	19507	19812	20117	20422	20726	21031	21336	21641	21946		
36LH07	0.23	24	914	112.0	112.0	6.39 2.58	6.19 2.45	5.99 2.33	5.82 2.23	5.98 2.13	5.82 2.04	5.66 1.95	5.49 1.86	5.33 1.78	5.19 1.70	5.05 1.63	4.91 1.56	4.80 1.50	4.66 1.44	4.54 1.38	4.43 1.32			
36LH08	0.26	27	914	123.4	123.4	7.02 2.83	6.80 2.69	6.61 2.56	6.41 2.45	6.21 2.33	6.04 2.23	5.86 2.13	5.69 2.04	5.53 1.95	5.38 1.86	5.23 1.79	5.10 1.72	4.96 1.64	4.83 1.59	4.70 1.51	4.57 1.45			
36LH09	0.31	31	914	158.1	158.1	8.99 3.60	8.71 3.42	8.44 3.26	8.18 3.12	7.94 2.97	7.74 2.84	7.48 2.71	7.28 2.61	7.07 2.49	6.87 2.37	6.69 2.29	6.50 2.18	6.30 2.10	6.12 2.01	5.94 1.94	5.85 1.85			
36LH10	0.31	31	914	174.1	174.1	9.93 3.98	9.63 3.79	9.32 3.61	9.04 3.44	8.77 3.28	8.51 3.13	8.27 3.00	8.03 2.87	7.81 2.74	7.59 2.62	7.39 2.52	7.18 2.39	7.00 2.30	6.80 2.21	6.63 2.13	6.45 2.04			
36LH11	0.34	34	914	190.1	190.1	10.83 4.33	10.50 4.13	10.17 3.92	9.87 3.75	9.58 3.59	9.30 3.41	9.01 3.26	8.77 3.12	8.51 2.99	8.27 2.86	8.05 2.75	7.83 2.62	7.61 2.52	7.42 2.42	7.22 2.32	7.04 2.23			
36LH12	0.36	37	914	227.5	227.5	12.98 5.16	12.58 4.93	12.19 4.69	11.82 4.48	11.44 4.26	11.12 4.07	10.79 3.89	10.46 3.72	10.15 3.54	9.85 3.38	9.56 3.23	9.28 3.10	9.01 2.97	8.75 2.84	8.51 2.72	8.27 2.61			
36LH13	0.44	45	914	267.5	267.5	15.25 6.05	14.77 5.76	14.31 5.48	13.87 5.23	13.46 4.99	13.04 4.77	12.67 4.55	12.30 4.34	11.95 4.15	11.62 3.98	11.29 3.82	10.98 3.66	10.68 3.50	10.39 3.37	10.13 3.23	9.87 3.10			
36LH14	0.53	54	914	294.9	294.9	16.81 6.65	16.52 6.33	16.25 6.01	15.95 5.72	15.45 5.44	14.95 5.19													

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Based on a 345 MPa Maximum Yield Strength - Loads Shown in KiloNewtons per Meter (kN/m)																					
Joist Designation	Approx Mass (kN/m) (Joists only)	Approx Mass (kg/m) (Joists only)	Depth in (mm)	SAFELOAD* in kN		CLEAR SPAN (mm)															
				14326-17983	18288-19507	19812	20117	20422	20726	21031	21336	21641	21946	22250	22555	22860	23165	23470	23774	24079	24384
40LH08	0.23	24	1016	110.7	110.7	5.56	5.40	5.27	5.12	4.99	4.85	4.75	4.61	4.50	4.40	4.29	4.20	4.09	4.00	3.89	3.80
40LH09	0.31	31	1016	145.4	145.4	7.26	7.07	6.89	6.69	6.52	6.37	6.19	6.04	5.88	5.75	5.60	5.47	5.34	5.23	5.10	4.99
40LH10	0.31	31	1016	160.1	160.1	8.03	7.81	7.59	7.39	7.20	7.02	6.85	6.67	6.50	6.34	6.19	6.04	5.88	5.73	5.58	5.45
40LH11	0.32	33	1016	174.8	174.8	8.73	8.49	8.27	8.05	7.83	7.63	7.44	7.26	7.07	6.89	6.74	6.56	6.41	6.26	6.10	5.97
40LH12	0.36	37	1016	212.8	212.8	10.63	10.33	10.04	9.78	9.52	9.28	9.04	8.80	8.58	8.36	8.15	7.96	7.77	7.57	7.39	7.22
40LH13	0.44	45	1016	250.8	250.8	12.54	12.19	11.86	11.55	11.25	10.94	10.66	10.39	10.13	9.87	9.63	9.39	9.17	8.95	8.73	8.53
40LH14	0.51	52	1016	286.9	286.9	14.36	13.96	13.57	13.20	12.84	12.49	12.17	11.86	11.55	11.27	10.98	10.72	10.46	10.20	9.96	9.71
40LH15	0.53	54	1016	320.9	320.9	16.06	15.58	15.12	14.68	14.27	13.85	13.48	13.11	12.76	12.41	12.08	11.77	11.47	11.18	10.90	10.63
40LH16	0.61	63	1016	353.6	353.6	17.68	17.42	17.16	16.89	16.65	16.44	15.98	15.54	15.12	14.73	14.33	13.96	13.61	13.26	12.93	12.60
				15850-17983	18288-21946	22250	22555	22860	23165	23470	23774	24079	24384	24689	24994	25298	25603	25908	26213	26518	26822
44LH09	0.28	28	1118	133.4	133.4	5.95	5.80	5.66	5.53	5.40	5.29	5.16	5.05	4.94	4.83	4.72	4.61	4.53	4.42	4.33	4.24
44LH10	0.31	31	1118	147.4	147.4	6.56	6.41	6.26	6.10	5.95	5.82	5.69	5.56	5.45	5.31	5.20	5.10	4.99	4.88	4.77	4.68
44LH11	0.32	33	1118	159.4	159.4	7.11	6.93	6.78	6.61	6.45	6.32	6.17	6.04	5.88	5.77	5.64	5.51	5.40	5.29	5.16	5.07
44LH12	0.36	37	1118	197.5	197.5	8.80	8.60	8.38	8.18	7.99	7.79	7.59	7.42	7.24	7.07	6.89	6.74	6.56	6.41	6.28	6.12
44LH13	0.44	45	1118	234.1	234.1	10.44	10.20	9.93	9.71	9.47	9.25	9.04	8.84	8.64	8.44	8.25	8.07	7.90	7.72	7.57	7.39
44LH14	0.45	46	1118	269.5	269.5	12.01	11.68	11.38	11.07	10.79	10.52	10.26	10.00	9.76	9.54	9.30	9.08	8.88	8.66	8.47	8.29
44LH15	0.53	54	1118	313.5	313.5	13.98	13.63	13.30	12.98	12.67	12.36	12.06	11.75	11.47	11.20	10.94	10.68	10.42	10.20	9.96	9.74
44LH16	0.61	63	1118	361.6	361.6	16.13	15.73	15.34	14.97	14.62	14.27	13.94	13.61	13.30	13.00	12.69	12.43	12.14	11.88	11.62	11.38
44LH17	0.69	70	1118	388.3	388.3	17.29	17.07	16.83	16.61	16.41	16.02	15.65	15.30	14.95	14.60	14.27	13.96	13.65	13.35	13.06	12.78
				17069-17983	18288-24384	24689	24994	25298	25603	25908	26213	26518	26822	27127	27432	27737	28042	28346	28651	28956	29261
48LH10	0.31	31	1219	133.4	133.4	5.38	5.27	5.16	5.05	4.94	4.83	4.75	4.64	4.55	4.46	4.37	4.29	4.20	4.11	4.04	3.96
48LH11	0.32	33	1219	144.7	144.7	5.82	5.69	5.58	5.45	5.34	5.23	5.12	5.01	4.92	4.81	4.72	4.64	4.55	4.46	4.37	4.29
48LH12	0.36	37	1219	182.8	182.8	7.35	7.20	7.04	6.89	6.74	6.58	6.45	6.32	6.19	6.06	5.95	5.82	5.71	5.60	5.49	5.38
48LH13	0.42	43	1219	218.8	218.8	8.80	8.60	8.40	8.23	8.05	7.88	7.72	7.55	7.39	7.26	7.11	6.96	6.82	6.69	6.56	6.43
48LH14	0.47	48	1219	258.2	258.2	10.39	10.15	9.93	9.71	9.50	9.30	9.10	8.90	8.73	8.53	8.38	8.20	8.03	7.88	7.72	7.57
48LH15	0.53	54	1219	296.9	296.9	11.93	11.66	11.40	11.16	10.92	10.68	10.46	10.24	10.02	9.80	9.61	9.41	9.23	9.04	8.86	8.69
48LH16	0.61	63	1219	342.2	342.2	13.76	13.46	13.15	12.87	12.60	12.32	12.06	11.82	11.55	11.33	11.09	10.87	10.66	10.44	10.24	10.04
48LH17	0.69	70	1219	384.3	384.3	15.45	15.10	14.77	14.44	14.14	13.83	13.55	13.26	12.98	12.71	12.45	12.21	11.97	11.73	11.49	11.27

* The safe factored uniform load for the clear spans shown in the Safe Load Column is equal to (Safe Load) / (Clear span + 203). (The added 203 millimeters is required to obtain the proper length on which the Load Tables were developed).

In no case shall the safe factored uniform load, for clear spans less than the minimum clear span shown in the Safe Load Column, exceed the uniform load calculated for the minimum clear span listed in the Safe Load Column.

To solve for *live* loads for clear spans shown in the Safe Load Column (or lesser clear spans), multiply the live load of the shortest clear span shown in the Load Table by the (the shortest clear span shown in the Load Table + 203 mm)² and divide by (the actual clear span + 203 mm)². The live load shall *not* exceed the safe uniform load.

