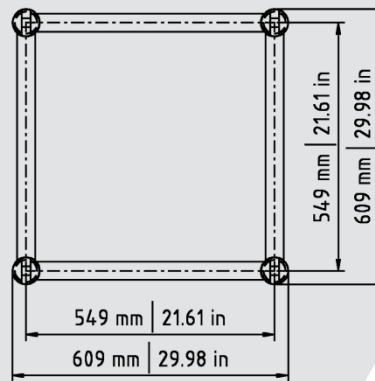


SPECIFICATIONS

Tubes	60 x 5 mm (2.36 x 0.20 in)
Braces	40 x 3 mm (1.57 x 0.12 in)
Alloy	EN AW-6082 T6



LOADING TABLES

		4 m	6 m	8 m	10 m	12 m	14 m	16 m	18 m	20 m	22 m	24 m	25 m
UDL [kg/m]		2187	1450	902	569	387	278	207	159	124	98	79	71
Deflection [mm]		4	13	27	42	60	82	107	136	168	205	244	266
CPL [kg]		4779	3751	3076	2599	2244	1947	1658	1428	1239	1080	944	882
Deflection [mm]		3	9	18	31	47	67	88	113	141	172	208	227
TPL [kg]		2894	2366	1995	1720	1508	1339	1202	1071	929	810	708	662
Deflection [mm]		4	10	20	33	50	71	95	121	144	167	190	200
QPL [kg]		1930	1577	1330	1146	1005	893	801	714	620	540	472	441
Deflection [mm]		3	9	18	31	47	66	89	112	134	155	176	186
FPL [kg]		1511	1248	1060	919	809	721	649	589	516	450	393	368
Deflection		3	9	19	32	48	68	91	118	142	165	187	197
		13.12 ft	19.69 ft	26.25 ft	32.81 ft	39.37 ft	45.93 ft	52.49 ft	59.06 ft	65.62 ft	72.18 ft	78.74 ft	82.02 ft
UDL [lbs/ft]		1469.60	974.36	606.12	382.35	260.05	186.81	139.10	106.84	83.32	65.85	53.09	47.71
Deflection [in]		0.16	0.51	1.06	1.65	2.36	3.23	4.21	5.35	6.61	8.07	9.61	10.47
CPL [lbs]		10535.89	8269.54	6781.42	5729.81	4947.17	4292.40	3655.26	3148.20	2731.53	2380.99	2081.99	1944.48
Deflection [in]		0.12	0.35	0.71	1.22	1.85	2.64	3.46	4.45	5.55	6.77	8.19	8.94
TPL [lbs]		6380.18	5216.14	4398.22	3791.95	3324.57	2951.99	2649.96	2361.15	2048.09	1785.74	1560.87	1459.46
Deflection [in]		0.16	0.39	0.79	1.30	1.97	2.80	3.74	4.76	5.67	6.57	7.48	7.87
QPL [lbs]		4254.92	3476.69	2932.15	2526.50	2215.65	1968.73	1765.90	1574.10	1366.87	1190.50	1040.58	972.24
Deflection [in]		0.12	0.35	0.71	1.22	1.85	2.60	3.50	4.41	5.28	6.10	6.93	7.32
FPL [lbs]		3331.18	2751.37	2336.90	2026.05	1783.54	1589.53	1430.80	1298.52	1137.59	992.08	866.42	811.30
Deflection [in]		0.12	0.35	0.75	1.26	1.89	2.68	3.58	4.65	5.59	6.50	7.36	7.76

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.