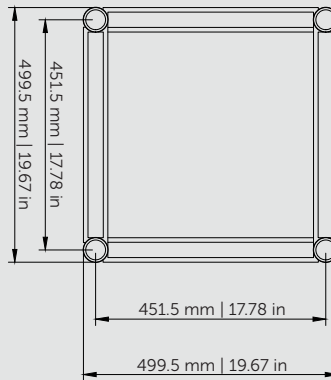


## SPECIFICATIONS

<b>Tubes</b>	48 x 4.5 mm (1.89 x 0.18 in)
<b>Braces</b>	30 x 3 mm (1.18 x 0.12 in)
<b>Alloy</b>	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
UDL [kg/m]		1467	670	369	230	154	108	79	58	44	33	25
Deflection [mm]		6	13	23	36	52	71	94	119	148	180	216
CPL [kg]		2657	1954	1476	1148	924	758	630	526	439	365	300
Deflection [mm]		4	10	19	30	43	59	79	102	128	158	192
TPL [kg]		1731	1318	1060	861	693	569	472	394	329	274	225
Deflection [mm]		4	11	22	35	48	63	78	93	106	117	125
QPL [kg]		1154	878	707	574	462	379	315	263	220	182	150
Deflection [mm]		4	11	20	32	45	58	72	86	99	109	116
FPL [kg]		921	708	573	478	385	316	262	219	183	152	125
Deflection		4	11	21	34	48	62	77	91	105	116	123
		<b>13.12 ft</b>	<b>19.69 ft</b>	<b>26.25 ft</b>	<b>32.81 ft</b>	<b>39.37 ft</b>	<b>45.93 ft</b>	<b>52.49 ft</b>	<b>59.06 ft</b>	<b>65.62 ft</b>	<b>72.18 ft</b>	<b>78.74 ft</b>
UDL [lbs/ft]		985.78	450.22	247.96	154.55	103.48	72.57	53.09	38.97	29.57	22.17	16.80
Deflection [in]		0.24	0.51	0.91	1.42	2.05	2.80	3.70	4.69	5.83	7.09	8.50
CPL [lbs]		5857.68	4307.83	3254.02	2530.91	2037.07	1671.10	1388.91	1159.63	967.83	804.69	661.39
Deflection [in]		0.16	0.39	0.75	1.18	1.69	2.32	3.11	4.02	5.04	6.22	7.56
TPL [lbs]		3816.20	2905.69	2336.90	1898.18	1527.80	1254.43	1040.58	868.62	725.32	604.07	496.04
Deflection [in]		0.16	0.43	0.87	1.38	1.89	2.48	3.07	3.66	4.17	4.61	4.92
QPL [lbs]		2544.13	1935.66	1558.67	1265.45	1018.54	835.55	694.46	579.82	485.02	401.24	330.69
Deflection [in]		0.16	0.43	0.79	1.26	1.77	2.28	2.83	3.39	3.90	4.29	4.57
FPL [lbs]		2030.46	1560.87	1263.25	1053.81	848.78	696.66	577.61	482.81	403.45	335.10	275.58
Deflection [in]		0.16	0.43	0.83	1.34	1.89	2.44	3.03	3.58	4.13	4.57	4.84

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.

## STRAIGHT SEGMENT LENGTHS

Code	Length		Weight	
GS500N-100	1 m	3.28 ft	17.73 kg	39.09 lbs
GS500N-150	1.5 m	4.92 ft	27.30 kg	60.19 lbs
GS500N-200	2 m	6.56 ft	31.48 kg	69.39 lbs
GS500N-300	3 m	9.84 ft	45.09 kg	99.41 lbs

All other corner variants are available on request.