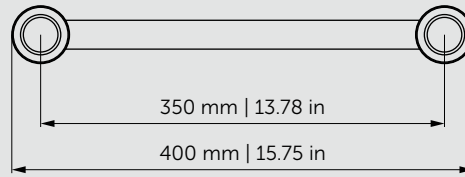


## SPECIFICATIONS

<b>Tubes</b>	50 x 3 mm (1.97 x 0.12 in)
<b>Braces</b>	25 x 3 mm (0.98 x 0.12 in)
<b>Alloy</b>	EN AW-6082 T6



## LOADING TABLES

		2 m	4 m	6 m	8 m	10 m	12 m	14 m	16 m
UDL [kg/m]		1042	332	153	87	57	40	29	21
Deflection [mm]		1.1	5.9	14	25.7	42.1	63.5	87.9	115.2
CPL [kg]		1042	664	459	349	286	243	204	172
Deflection [mm]		0.9	4.7	11.3	20.8	34.3	52	72.5	95.9
		6.56 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft	39.37 ft	45.93 ft	52.49 ft
UDL [lbs/ft]		700.3	223.1	102.8	58.5	38.3	26.9	19.5	14.1
Deflection [in]		0.04	0.2	0.6	1	1.7	2.5	3.5	4.5
CPL [lbs]		2297.6	1464.1	1012.1	769.5	630.6	535.8	449.8	379.3
Deflection [in]		0.04	0.2	0.4	0.8	1.4	2	2.9	3.8

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.

The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1 m for the loading tables to be valid.

## STRAIGHT SEGMENT LENGTHS HT42

Code	Length		Weight	
HT42-50	0.5 m	1.64 ft	2.22 kg	4.89 lbs
HT42-100	1 m	3.28 ft	3.85 kg	8.49 lbs
HT42-150	1.5 m	4.92 ft	5.37 kg	11.85 lbs
HT42-200	2 m	6.56 ft	6.86 kg	15.13 lbs
HT42-250	2.5 m	8.20 ft	8.37 kg	18.47 lbs
HT42-300	3 m	9.84 ft	9.98 kg	22.00 lbs
HT42-350	3.5 m	11.48 ft	11.47 kg	25.29 lbs
HT42-400	4 m	13.12 ft	13.02 kg	28.71 lbs
HT42-450	4.5 m	14.76 ft	14.49 kg	31.94 lbs
HT42-500	5 m	16.40 ft	16.08 kg	35.45 lbs

