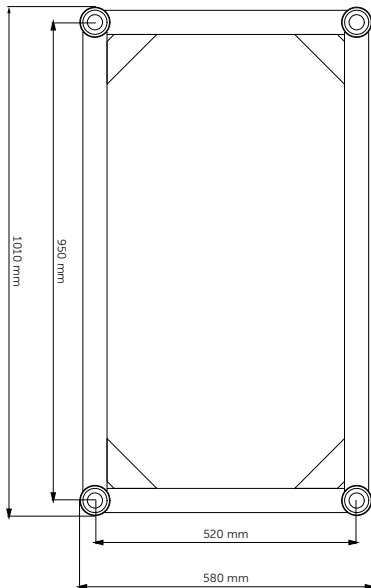
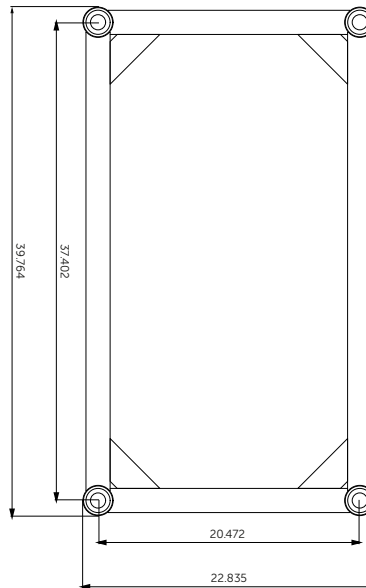


SIZE IN MILLIMETERS

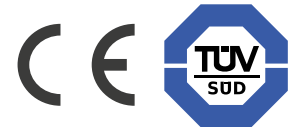


SIZE IN INCHES



SPECIFICATIONS

TUBES	60x6mm (2.4 x 0.02inch)
BRACES	30x3mm (1.18 x 0.12inch)
ALLOY	EN-AW 6082 T6



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH		WEIGHT	
TT104-100	1m	3.28ft	30kg	66.14lbs
TT104-200	2m	6.56ft	50kg	110.23lbs
TT104-300	3m	9.84ft	70kg	154.32lbs

LOADING TABLES

	8m	10m	12m	14m	16m	18m	20m	22m	24m	26m	28m	30m	32m	34m
Distrib. Load [kg/m]	1441,6	1148,7	835,7	607,9	460	358,7	286,2	232,5	191,7	160	134,8	114,4	97,8	84
Deflection [mm]	11,9	23,3	35,4	48,3	63,1	80	98,9	119,9	142,9	168,1	195,3	224,8	256,4	290,2
Point load [kg]	5880*	5157*	4513*	4000*	3570*	3196*	2861,7	2557,8	2300,7	2079,6	1886,8	1716,7	1564,9	1428,4
Deflection [mwm]	9,8	16,9	25,8	36,8	49,7	64,4	80,7	98,3	117,7	139,1	162,5	188	215,7	245,7
	26,2ft	32,8ft	37,4ft	45,9ft	52,5ft	59,1ft	65,6ft	72,2ft	78,7ft	85,3ft	91,9ft	98,4ft	105ft	111,6ft
Distrib. Load [lb/ft]	968,8	772,0	561,6	408,5	309,1	241,1	192,3	156,3	128,8	107,5	90,6	76,9	65,7	56,5
Deflection [inch]	0,5	0,9	1,4	1,9	2,5	3,1	3,9	4,7	5,6	6,6	7,7	8,9	10,1	11,4
Point load [lb]	12965,4	11371,2	9951,2	8820,0	7871,9	7047,2	6310,0	5639,9	5073,0	4585,5	4160,4	3785,3	3450,6	3149,6
Deflection [inch]	0,4	0,7	1,0	1,4	2,0	2,5	3,2	3,9	4,6	5,5	6,4	7,4	8,5	9,7

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.

High values of distributed loads are idealized. Loads must be applied to knot points!

* limited by interaction of shear and moment at the connection. Displacement connection is decisive!