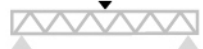
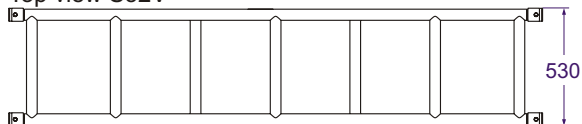


PROLYTE S52V - ALLOWABLE LOADING

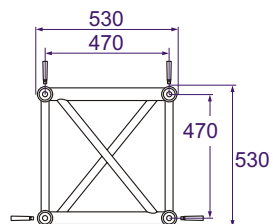
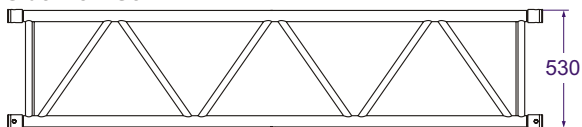
						MAXIMUM ALLOWABLE POINT LOADS												
		Uniformly Distributed Load								Single Load Third Points Load per Point			Single Load Fourth Points Load per Point			Single Load Fifth Points Load per Point		
SPAN		UDL		DEFLECTION		CPL		DEFLECTION		TPL		QPL		FPL		SPAN		
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	total weight		
2	6.6	2864	1927.1	2	0.07	5728.0	12641.6	2	0.07	2864.0	6320.8	1904.3	4202.8	1432.0	3160.4	30		
3	9.8	1904.3	1281.4	5	0.19	5193.9	11462.8	4	0.15	2856.5	6304.3	1896.8	4186.3	1428.2	3152.1	45		
4	13.1	1424.5	958.5	9	0.35	3882.3	8568.2	7	0.27	2849.0	6287.7	1889.3	4169.7	1424.5	3143.9	60		
5	16.4	1136.6	764.8	13	0.51	3092.3	6824.7	11	0.43	2319.2	5118.5	1546.2	3412.4	1283.3	2832.3	75		
6	19.7	854.4	574.9	19	0.74	2563.2	5656.9	15	0.59	1922.4	4242.7	1281.6	2828.5	1063.7	2347.6	90		
7	23.0	623.7	419.7	26	1.02	2183.1	4818.1	21	0.82	1637.3	3613.5	1091.5	2409.0	906.0	1999.5	105		
8	26.2	474.0	319.0	34	1.33	1896.1	4184.8	27	1.06	1422.1	3138.6	948.1	2092.4	786.9	1736.7	120		
9	29.5	371.4	249.9	43	1.69	1671.3	3688.5	35	1.37	1253.5	2766.4	835.6	1844.3	693.6	1530.7	135		
10	32.8	298.0	200.5	53	2.08	1489.9	3288.2	43	1.69	1117.4	2466.2	745.0	1644.1	618.3	1364.6	150		
11	36.1	243.7	164.0	65	2.55	1340.1	2957.7	52	2.04	1005.1	2218.3	670.1	1478.8	556.2	1227.4	165		
12	39.4	202.3	136.2	77	3.03	1214.1	2679.5	62	2.44	910.6	2009.6	607.0	1339.7	503.8	1112.0	180		
13	42.6	170.2	114.5	90	3.54	1106.3	2441.5	72	2.83	829.7	1831.2	553.1	1220.8	459.1	1013.2	195		
14	45.9	144.7	97.4	105	4.13	1012.8	2235.2	84	3.30	759.6	1676.4	506.4	1117.6	420.3	927.6	210		
15	49.2	124.1	83.5	120	4.72	930.8	2054.2	96	3.77	698.1	1540.7	465.4	1027.1	386.3	852.5	225		
16	52.5	107.3	72.2	137	5.39	858.1	1893.8	109	4.29	643.5	1420.3	429.0	946.9	356.1	785.9	240		
17	55.8	93.3	62.8	154	6.06	793.0	1750.2	123	4.84	594.8	1312.7	396.5	875.1	329.1	726.3	255		
18	59.0	81.6	54.9	173	6.81	734.4	1620.8	138	5.43	550.8	1215.6	367.2	810.4	304.8	672.6	270		
19	62.3	71.7	48.2	193	7.59	681.1	1503.3	154	6.06	510.9	1127.4	340.6	751.6	282.7	623.9	285		
20	65.6	63.2	42.6	214	8.42	632.5	1395.8	171	6.73	474.3	1046.9	316.2	697.9	262.5	579.3	300		
21	68.9	56.0	37.7	235	9.25	587.7	1297	188	7.40	440.8	972.8	293.8	648.5	243.9	538.3	315		
22	72.2	49.7	33.4	258	10.15	546.3	1205.7	207	8.14	409.7	904.3	273.2	602.9	226.7	500.4	330		
23	75.4	44.2	29.7	282	11.10	507.9	1120.9	226	8.89	380.9	840.7	253.9	560.5	210.8	465.2	345		
24	78.7	39.3	26.5	307	12.08	472.0	1041.8	246	9.68	354.0	781.4	236.0	520.9	195.9	432.3	360		

1 inch = 25.4 mm 1m = 3.28 ft 1 lbs = 0.453 kg

Top view S52V



Side view S52V



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