



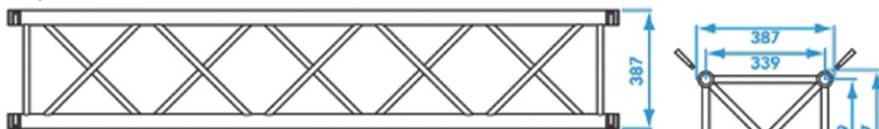


PROLYTE H40V - ALLOWABLE LOADING

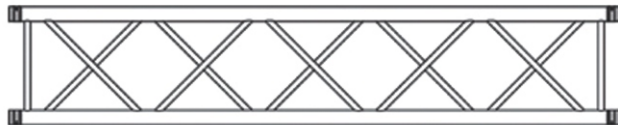
						MAXIMUM ALLOWABLE POINT LOADS										
		Uniformly Distributed Load														
SPAN		UDL		DEFLECTION		CPL		DEFLECTION		TPL		QPL		FPL		SPAN
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	total weight
2	6.6	1272.7	856.3	3	0.12	2545.3	5617.5	2	0.08	1272.7	2808.7	846.1	1867.4	636.3	1404.4	13.8
3	9.8	846.1	569.3	7	0.28	2538.4	5602.3	5	0.20	1269.2	2801.1	842.7	1859.8	634.6	1400.6	20.7
4	13.1	632.9	425.8	12	0.47	2056.6	4538.8	9	0.35	1265.8	2793.5	839.2	1852.2	632.9	1396.8	27.6
5	16.4	504.9	339.7	18	0.71	1639.0	3617.4	15	0.59	1229.3	2713.0	819.5	1808.7	631.2	1392.9	34.5
6	19.7	419.6	282.3	27	1.06	1359.5	3000.5	21	0.83	1019.7	2250.4	679.8	1500.3	564.2	1245.2	41.4
7	23.0	331.1	222.8	36	1.42	1158.9	2557.7	29	1.14	869.2	1918.3	579.5	1278.9	480.9	1061.5	48.3
8	26.2	251.9	169.5	47	1.85	1007.6	2223.7	38	1.50	755.7	1667.8	503.8	1111.9	418.1	922.8	55.2
9	29.5	197.6	132.9	60	2.36	889.1	1962.3	48	1.89	666.8	1471.7	444.6	981.1	369.0	814.3	62.1
10	32.8	158.7	106.8	74	2.91	793.6	1751.6	59	2.32	595.2	1313.7	396.8	875.8	329.4	726.9	69.0
11	36.1	130.0	87.5	89	3.50	714.9	1577.8	71	2.80	536.2	1183.4	357.5	788.9	296.7	654.8	75.9
12	39.4	108.1	72.8	106	4.17	648.7	1431.7	85	3.35	486.5	1073.8	324.4	715.9	269.2	594.2	82.8
13	42.6	91.1	61.3	125	4.92	592.2	1306.9	100	3.94	444.1	980.2	296.1	653.5	245.8	542.4	89.7
14	45.9	77.6	52.2	144	5.67	543.2	1198.9	116	4.57	407.4	899.2	271.6	599.5	225.4	497.5	96.6
15	49.2	66.7	44.9	166	6.54	500.3	1104.3	133	5.24	375.3	828.2	250.2	552.1	207.6	458.3	103.5
16	52.5	57.8	38.9	189	7.74	462.4	1020.5	151	5.94	346.8	765.4	231.2	510.2	191.9	423.5	110.4
17	55.8	50.4	33.9	213	8.39	428.5	945.7	171	6.73	321.4	709.3	214.2	472.8	177.8	392.5	117.3
18	59.0	44.2	29.8	239	9.41	398.0	878.3	191	7.52	298.5	658.8	199.0	439.2	165.2	364.5	124.2
19	62.3	39.0	26.2	266	10.47	370.3	817.3	213	8.39	277.7	613.0	185.2	408.6	153.7	339.2	131.1
20	65.6	34.5	23.2	295	11.61	345.1	761.6	236	9.29	258.8	571.2	172.5	380.8	143.2	316.1	138.0

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

Top view H40V



Side view H40V



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