
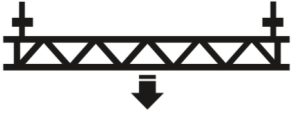


**Load table "B" - xVision LED Channel Truss 1616**

			Uniformly Distributed Load						Concentrated load			
												
Span			Maximum load				Deflection		Max load		Deflection	
hooks	ft	m	lbs/hook	kg/hook	lbs	kg	in	mm	lbs	kg	in	mm
4	6.6	2.00	1850	839	7400	3356	0.08	2.03	7400	3356	0.08	2.03
8	13.1	4.00	875	396	7000	3168	0.46	11.68	3500	1587	0.35	8.89
12	19.7	6.00	460	208	5520	2496	0.78	19.81	2760	1252	0.66	16.64
16	26.2	8.00	260	118	4160	1888	1.13	28.70	2080	943	0.98	24.89
20	32.8	10.00	160	72	3200	1440	1.46	37.08	1620	735	1.36	34.54
24	39.4	12.00	110	50	2640	1200	1.65	41.91	1320	599	1.53	38.86

**NOTES:**

xVision Truss concentrated point loads are applicable using a minimum of 4 hooks at mid span.

Max. allowable hook load: 1850 lb (839 kg) / hook

Total load must never exceed the rated loads as per chart above

All loads and ratings evaluated according to ANSI E1.21, Aluminium Design Manual and Canada NBC 2015 Code.

Rated capacity are for static loads with truss supported by slings at each end upper main chords.

End supports assume a sling angle of 60 degrees or more (vs horizontal)

If dynamic load conditions are present, truss rated capacity shall be reduced accordingly