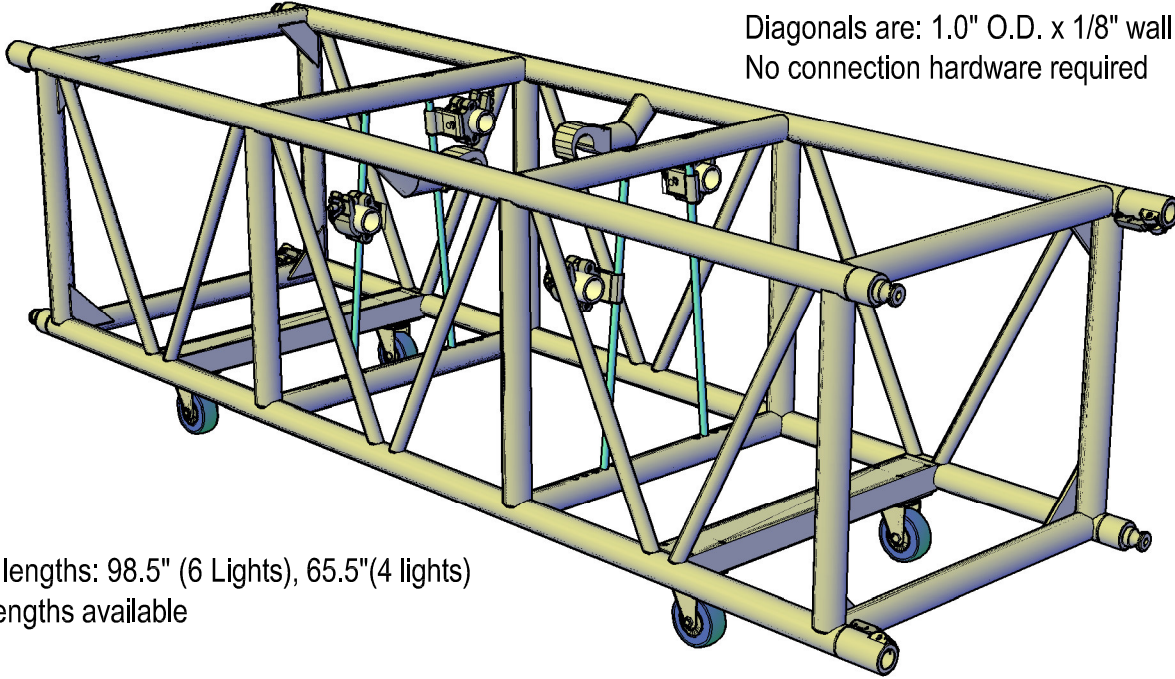


X S F

Xtreme Structures and Fabrication

26" x 30" XLOC Pre-Rigged



Main Chords are 2.0" OD x 3/16" wall aluminum
 Diagonals are: 1.0" O.D. x 1/8" wall aluminum
 No connection hardware required

Standard lengths: 98.5" (6 Lights), 65.5"(4 lights)
 Custom lengths available

MAXIMUM SUPERIMPOSED GRAVITY LOADS

Span (ft) (m)	Uniformly Distributed		Center Point Loads		Third Point Loads		Quarter Point Loads		Fifth Point Loads		
	UDL (lbs/f) (kg/m)	Total Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)
5'-3" (1.60)	1893 (2818)	9938 (4508)	0.34 (9)	1 @ 9942 (4509)	0.34 (9)	2 @ 4971 (2254)	0.34 (9)	3 @ 3314 (1503)	0.34 (9)	4 @ 2486 (1127)	0.34 (9)
7'-9" (2.97)	1280 (1515)	9920 (4500)	0.52 (13)	1 @ 9923 (4501)	0.52 (13)	2 @ 4962 (2250)	0.52 (13)	3 @ 3308 (1500)	0.52 (13)	4 @ 2481 (1125)	0.52 (13)
10'-3" (3.12)	966 (1440)	9902 (4492)	0.68 (17)	1 @ 6558 (2974)	0.68 (17)	2 @ 4798 (2176)	0.68 (17)	3 @ 3238 (1468)	0.68 (17)	4 @ 2325 (1054)	0.68 (17)
15'-6" (4.75)	634 (939)	9827 (4458)	1.03 (26)	1 @ 4631 (2100)	1.03 (26)	2 @ 3137 (1422)	1.03 (26)	3 @ 2198 (997)	1.03 (26)	4 @ 1605 (728)	1.03 (26)
20'-6" (6.25)	320 (476)	6560 (2976)	1.37 (35)	1 @ 3201 (1451)	1.37 (35)	2 @ 2342 (1062)	1.37 (35)	3 @ 1581 (717)	1.37 (35)	4 @ 1135 (514)	1.37 (35)
23'-3" (7.09)	262 (390)	6092 (2763)	1.55 (39)	1 @ 2874 (1303)	1.55 (39)	2 @ 2040 (925)	1.55 (39)	3 @ 1398 (634)	1.55 (39)	4 @ 1010 (458)	1.55 (39)
26'-3" (8.00)	183 (272)	4804 (2179)	1.75 (44)	1 @ 2382 (1080)	1.75 (44)	2 @ 1770 (802)	1.75 (44)	3 @ 1186 (537)	1.75 (44)	4 @ 849 (385)	1.75 (44)
31'-0" (9.45)	135 (201)	4185 (1898)	2.07 (53)	1 @ 2034 (922)	2.07 (53)	2 @ 1476 (669)	2.07 (53)	3 @ 1000 (453)	2.07 (53)	4 @ 719 (326)	2.07 (53)
36'-9" (11.02)	89 (135)	3271 (1484)	2.45 (62)	1 @ 1610 (730)	2.45 (62)	2 @ 1183 (536)	2.45 (62)	3 @ 797 (361)	2.45 (62)	4 @ 572 (259)	2.45 (62)
38'-9" (11.81)	80 (119)	3100 (1406)	2.58 (66)	1 @ 1530 (694)	2.58 (66)	2 @ 1125 (510)	2.58 (66)	3 @ 757 (343)	2.58 (66)	4 @ 543 (246)	2.58 (66)
41'-0" (12.50)	72 (107)	2952 (1339)	2.73 (69)	1 @ 1445 (655)	2.73 (69)	2 @ 1058 (473)	2.73 (69)	3 @ 714 (323)	2.73 (69)	4 @ 513 (232)	2.73 (69)
46'-6" (14.17)	51 (76)	2372 (1076)	3.10 (79)	1 @ 1188 (538)	3.10 (79)	2 @ 881 (399)	3.10 (79)	3 @ 591 (268)	3.10 (79)	4 @ 423 (191)	3.10 (79)
51'-3" (15.62)	42 (64)	2153 (997)	3.42 (87)	1 @ 1063 (482)	3.42 (87)	2 @ 778 (352)	3.42 (87)	3 @ 525 (238)	3.42 (87)	4 @ 377 (171)	3.42 (87)
54'-3" (16.54)	34 (51)	1845 (837)	3.62 (92)	1 @ 935 (424)	3.62 (92)	2 @ 698 (316)	3.62 (92)	3 @ 466 (211)	3.62 (92)	4 @ 333 (151)	3.62 (92)

* If maximum deflection is reached before maximum load listed is reached, the truss must be considered to be at maximum capacity.

* The self weight of the truss has been taken into account in this load table and therefore does not have to be included into the calculation of superimposed live load.

* The effects of shock loadings, dynamic loadings, wind loads or seismic loads have not been taken into account into this table.



Parkhill, Smith & Cooper, Inc.
 Engineers ■ Architects ■ Planners

Part Numbers:

98.5" - 26" x 30" XLOC DHPRT	X-26x30-188XL-PRT-98.5
65.5" - 26" x 30" XLOC DHPRT	X-26x30-188XL-PRT-65.5

2-Way 26" x 30" XLOC Corner Block	X-26x30CB-XL2
3-Way 26" x 30" XLOC Corner Block	X-26x30CB-XL3
4-Way 26" x 30" XLOC Corner Block	X-26x30CB-XL4

26" x 30" XLOC Book End Hinge	X-26x30-188XL-BEH
26" x 30" XLOC Center Pivot Hinge	X-26x30-188XL-CPH
26" x 30" XLOC 11.25 degree wedge	X-26x30WDG-XL-11.25
26" x 30" XLOC 22.5 degree wedge	X-26x30WDG-XL-22.5
26" x 30" XLOC 45 degree wedge	X-26x30WDG-XL-45

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