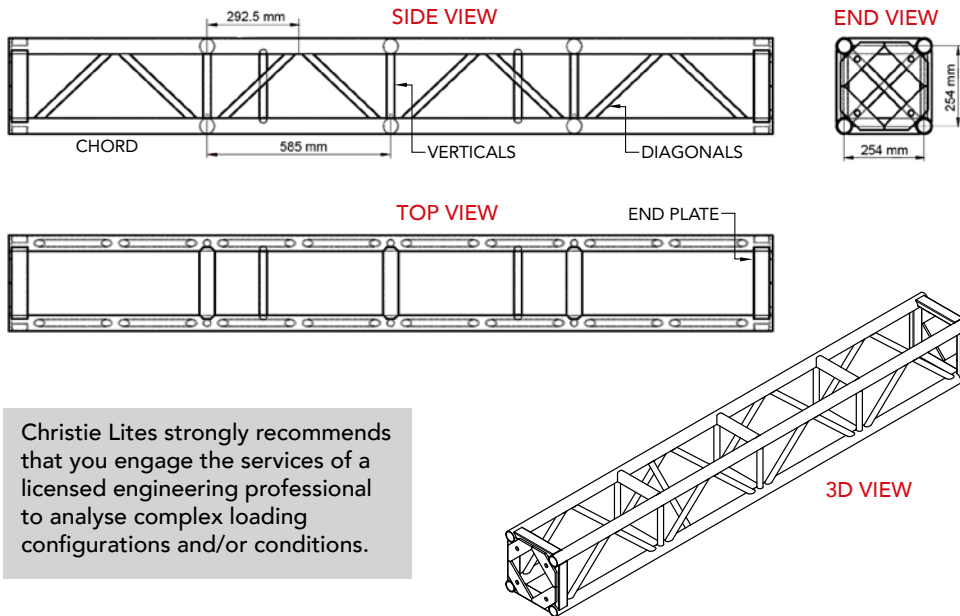


A Type 30.5 cm (12") Blk 15.24 cm (6") Truss

Light Duty 305 mm (12") wide x 305 mm (12") high truss. Compatible with all other Christie Type A truss including curves, angled corners, base mounts, hinges and hubs. Truss tools and bolts are supplied for assembly.



Chords & Horizontals
50.8 mm x 3.18 mm THK ROUND TUBE

Diagonals & Verticals
50.8 mm x 3.18 mm THK SQUARE TUBE

End Members
50.8 mm x 25.4 mm x 3.18 mm THK RECTANGULAR TUBE

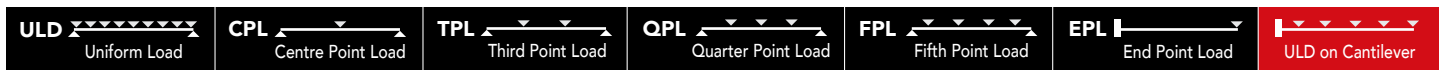
End Plates
9.53 mm THK FLAT with 17.46 mm Ø holes

All Aluminum is 6061-T6

All weld filler is 4043

Christie Lites strongly recommends that you engage the services of a licensed engineering professional to analyse complex loading configurations and/or conditions.

LOAD CHART | SINGLE SPAN



Span [m]	ULD [kg/m]	Defl [mm]	CPL [kg]	Defl [mm]	TPL [kg]	Defl [mm]	QPL [kg]	Defl [mm]	FPL [kg]	Defl [mm]	SWT [kg]
2	939	2	939	2	704	2	469	2	391	2	19
3	413	3	619	3	464	3	309	3	258	3	28
4	228	5	457	4	343	5	228	4	190	5	37
5	143	7	358	6	268	7	179	6	149	7	46
6	97	9	291	8	218	9	145	9	121	9	56
7	69	12	241	10	181	12	120	12	100	12	65
8	50	16	203	13	152	16	101	15	84	16	74
9	38	20	173	17	130	20	86	19	72	20	83
10	29	24	148	21	111	25	74	23	61	24	92
11	23	29	126	25	95	30	63	28	52	29	102
12	18	35	108	30	81	35	54	34	45	35	111

LOAD CHART | CANTILEVER

Length [m]	ULD [kg/m]	Defl [mm]	EPL [kg]	Defl [mm]	SWT [kg]
0,5	946	1	946	1	5
1,0	469	1	469	2	10
1,5	413	2	309	3	14
2,0	228	3	228	4	19
2,5	143	4	179	5	23
3,0	97	6	145	7	28
3,5	69	8	120	10	33
4,0	50	10	101	12	37

NOTES

- Span indicates distance between truss supports.
- Uniform loads shall be distributed evenly across both truss chords and can be applied to either top or bottom chords.
- 75 kg is the maximum point load that may be applied to truss chords between nodes
- Maximum point load that may be applied to truss chords between nodes.
- For truss to support indicated loads, nodes shall be hung from truss panel points only. Truss shall be oriented to ensure load is applied at nodes.
- For point loads at intervals not indicated, use equivalent uniform load to determine capacity.
- Loads shown require trusses to be connected at end supports to each chord member (i.e. 4 connections ea end of truss).
- Capacity of additional support structures, components or connections are outside the scope of this analysis.