

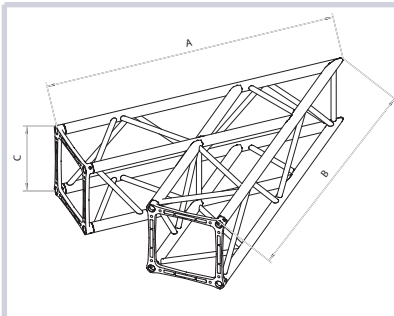
Description	Specification
External dimensions (height x width)	400 mm x 400 mm
Distance between axis	350 mm x 350 mm
Lenghtways tubes	Extruded aluminium EN AW 6082 T6 - Ø50x3 mm
Crossways tubes	Extruded aluminium EN AW 6082 T6 - Ø30x3 mm
Connecting plate	Cast aluminium EN AC 42200 T6
Welding process	TIG-141 / ISO 4063
Available length (cm)	100 - 150 - 200 - 250 - 300 - 350 - 400
Connection systems	QXFC- QXSM10

Section Area (mm ²)	Moment of inertia Y - axis (mm ⁴)	Moment of inertia Z - axis (mm ⁴)	Selfweight (approx.) (N/m)		
1772	46.409.600	46.409.600	95		

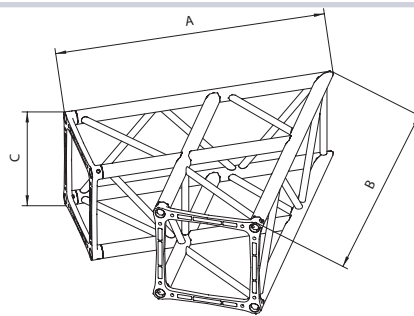
Span [m]	Centre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Load [kg/m]	Full Load [kg]	Central Deflection [mm]
1	3130	3187	0,2	1770	3539	0,2	1248	3744	0,2	969	3876	0,2	4490	4491	0,2
2	2420	2422	1	1439	2879	1	1057	3171	1	844	3375	1	2240	4474	1
3	1940	1941	3	1204	2409	3	912	2736	3	744	2975	3	1460	4378	4
4	1610	1607	6	1030	2061	6	798	2393	7	662	2649	7	963	3852	9
5	1370	1369	10	896	1793	11	707	2120	12	595	2379	13	659	3296	14
6	1190	1187	15	790	1581	16	632	1896	18	514	2056	19	475	2849	22
7	1040	1043	21	704	1407	24	570	1709	26	450	1799	27	353	2468	30
8	927	927	28	632	1264	32	511	1533	36	398	1591	35	270	2163	40
9	830	830	36	572	1144	42	453	1360	46	355	1419	46	213	1913	51
10	748	748	46	519	1039	53	405	1216	57	319	1277	57	171	1711	63
11	679	679	56	474	948	66	365	1096	70	289	1156	70	140	1540	77
12	617	617	68	434	868	80	330	991	84	262	1049	85	116	1387	92
13	563	563	81	399	797	95	300	900	99	239	957	100	97	1261	108
14	516	516	96	367	733	112	273	820	116	219	874	118	82	1151	126
15	472	472	112	338	676	131	250	749	134	200	800	136	70	1044	145
16	433	433	129	312	624	151	228	684	153	183	732	156	60	960	166
17	397	397	147	287	575	172	209	627	174	168	673	177	52	877	188
18	364	364	167	265	530	195	191	573	196	154	616	199	44	800	210

Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9).
 When calculating the allowable loads shown in the table, it is assumed that the trusses are simply supported at the end connection and that static loads will be applied to the node points.
 The application of the load shall be on the centre line of the truss.
 The values shown in the table are the allowable static loads that can be applied to the truss. This is the live load or the payload.
 The self weight of the truss has been taken into account when calculating the values in the table.
 It should be noted that this are idealised loading conditions and the User shall re-analyze the truss for the loading conditions which prevail for the application being considered.

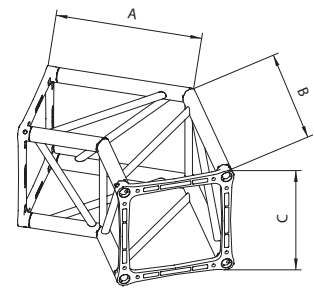
Date of issue 31/07/2008	Litec is a Brand of Staging Systems Europe S.p.A. www.litectruss.com - info@litectruss.com	
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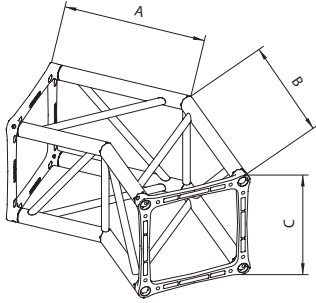
QD40SL2045



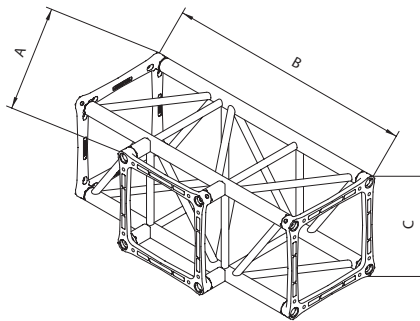
QD40SL2060



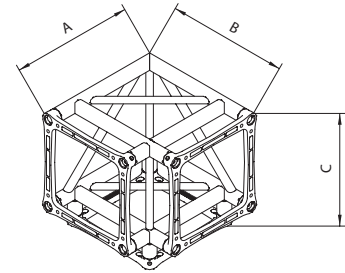
QD40SL2120



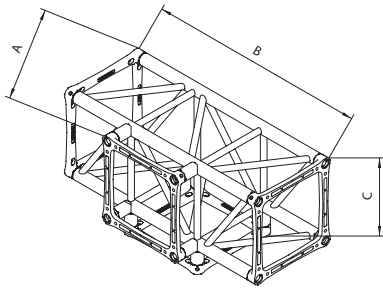
QD40SL2135



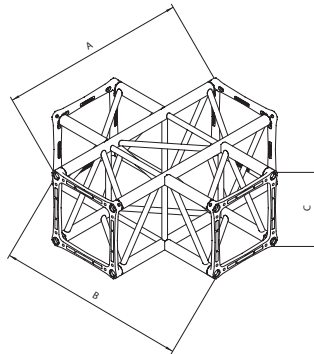
QD40ST3



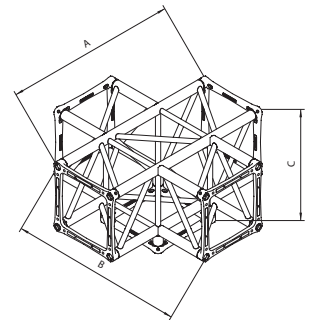
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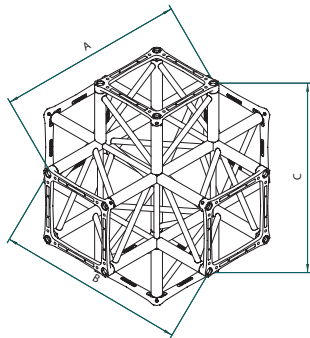
QD40ST4



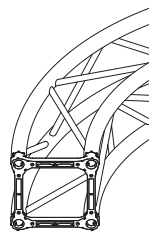
QD40SX4



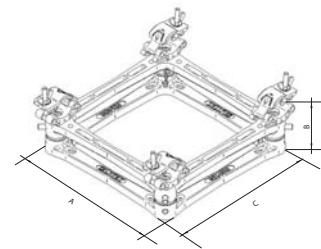
QD40SX5



QD40SX6



Q = Square truss



QD40SAC

TRUSS

Code	Dimensions (cm)	Weight (Kg)
QD40S100A	40x40x100	13.20
QD40S150A	40x40x150	16.80
QD40S200A	40x40x200	20.00
QD40S250A	40x40x250	23.80
QD40S300A	40x40x300	28.00
QD40S350A	40x40x350	30.40
QD40S400A	40x40x400	34.40

CORNERS

Code	Dimensions (cm)	Weight (Kg)
QD40SL2045	100x100x40	15.10
QD40SL2060	100x100x40	16.60
QD40SL2090	50x50x40	10.50
QD40SL2120	50x50x40	11.10
QD40SL2135	50x50x40	11.30
QD40SL3	50x50x50	13.70
QD40ST3	100x50x40	16.40
QD40ST4	100x50x50	19.60
QD40SX4	100x100x40	21.30
QD40SX5	100x100x50	24.30
QD40SX6	100x100x100	29.40
QD40SAC	40x10x40	6.00
QD40SACSC	40x14.4x40	6.30

RINGS

Curves, rings and ellipses are available on demand

Minimum diameter 2 m

Diameter measurement external

Weight per meter (aprox.) 14 Kg