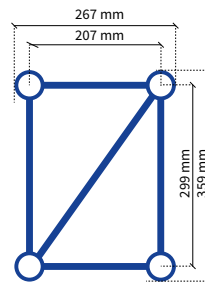




50 x 4 mm

Length Rectangle

L35R



11.0 Kg/m

((RFID) READY)

L

P.100

ALU/BLACK

Rectangle - L35R

Code	Length
154001	50 cm
154002	60 cm
154003	80 cm
154004	100 cm
154005	120 cm
154006	150 cm
154007	200 cm
154008	240 cm
154009	250 cm
154010	300 cm
154012	400 cm

Load table L35R

Span	CPL	Deflection	2 x load	Deflection	3 x load	Deflection	4 x load	Deflection	UDL	Deflection
m	kg	mm	kg	mm	kg	mm	kg	mm	kg/m	mm
2.0	2948.5	3	1866.3	4	1413.3	3	1146.6	4	2305.1	4
4.0	1874.3	12	1217.2	15	996.5	14	822.7	15	1147.8	15
6.0	1383.3	26	930.9	34	780.4	31	598.6	34	596.9	33
8.0	1088.9	47	749.5	60	598.0	56	467.3	60	331.6	58
10.0	891.1	73	623.2	93	480.8	87	380.3	93	208.8	91
12.0	747.9	105	529.6	134	398.5	125	318.0	134	142.1	132
14.0	638.5	143	456.9	183	336.9	170	270.8	183	101.9	179
16.0	551.5	187	398.4	239	288.9	222	233.5	239	75.8	234
20.0	420.0	292	308.6	373	217.5	347	177.5	373	45.1	365

Cantilever load

Span	1 x Load	Deflection	UDL	Deflection
m	kg	mm	kg/m	mm
0.5	2121.1	0	4619.7	0
1.0	1470.9	1	2116.1	1
1.5	1132.0	3	1164.6	2
2.0	933.1	8	731.7	5
2.5	792.1	17	502.7	8
3.0	686.7	30	373.4	12
3.5	604.7	50	288.2	18
4.0	538.9	75	228.9	25

Multiple supported span

Span	CPL	Deflection	2 x Load	Deflection	UDL	Deflection
m	kg	mm	kg	mm	kg/m	mm
2.0	2972.9	1	1587.3	1	1829.9	1
4.0	2008.4	4	1099.0	3	671.1	3
6.0	1541.4	10	839.5	9	341.5	8
8.0	1251.8	19	685.7	17	212.4	15
10.0	1045.5	31	575.0	28	144.1	25
12.0	889.9	46	490.9	41	103.4	37
14.0	767.4	63	424.4	57	77.2	52
16.0	667.7	82	370.0	74	59.2	68
20.0	513.3	123	285.3	112	36.9	115

Find complete loading tables on SIXTY82.nl

All loading data is based on calculations per EN-1999-1-1 and the following assumptions:

- Static loads only.
- Spans supported or suspended at both ends.
- Triangle trusses solely used apex-up, apex-down.
- 2 chords truss to be placed upright, supported from top chord and loaded from bottom chord.
- Truss spans can be constructed of elements of different length.
- Interaction between bending moment and shear force considered.
- Self-weight of truss is already considered.
- Assembled truss systems need an individual structural calculation. Please contact SIXTY82 or a structural engineer.
- Read the manual before use.
- Higher loading can be allowed depending on the truss configuration.