AOL 3 - Allowable Loading

						MAXIMUM ALLOWABLE POINT LOADS										
		Uniformly Distributed Load				Centre Point Load				Single Load Third Points Load per Point		Single Load Fourth Points Load per Point		Single Load Fifth Points Load per Point		
SPAN		UDL		DEFLECTION		CPL		DEFLECTION		TPL		QPL		FPL		SPAN
m	ft	kg/m	lbs/ft	mm	inch	kgs	lbs	mm	inch	kgs	lbs	kgs	lbs	kgs	lbs	total weight
1	3,3	288,0	193,8	0	0,0	144,0	317,8	0	0,0	108,0	238,4	72,0	158,9	60,0	132,4	2,50
2	6,6	68,6	46,2	0	0,0	68,8	151,5	0	0,0	51,5	113,6	34,3	75,7	28,6	63,1	5,00
3	9,8	28,0	18,8	1	0,0	42,0	92,7	1	0,0	31,5	69,5	21,0	46,3	17,5	38,6	7,50
4	13,1	13,8	9,3	1	0,0	27,6	60,8	2	0,1	20,7	45,6	13,8	30,4	11,5	25,3	10,00
5	16,4	7,2	4,8	2	0,1	18,0	39,7	3	0,1	13,5	29,8	9,0	19,9	7,5	16,6	12,50
6	19,7	3,6	2,4	3	0,1	10,9	24,0	4	0,2	8,2	18,0	5,4	12,0	4,5	10,0	15,00

1 inch = 25,4 mm | 1m = 3.28 ft | 1 lbs = 0,453 kg

- Tüv certification only valid for loading table above.
- Loading figures are only valid for static loads.
- Loading figures are only valid for single spans with supports at both ends.
- All static systems, other than single spans, need an individual structural calculation. Please contact a structural engineer or Prolyte Group for assistance.
- Loading figures are calculated according to and in full compliance with European standards (Eurocode).
- The self-weight of the trusses is already taken into account.
- Loading figures are only valid for the cross sectional orientation of the truss as shown by the icon in the loading table.
- The interaction between bending moment and shear force at the connection point is already taken into account.
- Truss spans can be assembled from different truss lengths.
- Read the manual before assembling, using and loading the truss.