

## Stepped Tubular

### *Tubular Steel*

#### Description and Specification

Tubular steel stepped columns suited to post top applications as well as bracket mounted configurations. Demountable or integral bracket arm arrangements can be selected to best suit the application.

Valmont manufactures a wide range of tubular steel lighting columns from 4 to 15. Valmont operates a Quality Assurance system which complies with requirements of BS EN ISO 9001. Our welders and welding procedures are independently certified in accordance with 288 EN ISO 9606 and EN ISO 15607.

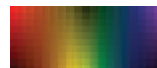


Galvanized Steel

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#### Finishing Options

As a standard, Valmont steel columns are galvanized to extend product longevity. Valmont offers several decorative finishing options including polyester power coating, wet painting, and sublimation. For more information contact your local Valmont representative.



RAL and AkzoNoble colour systems are available upon request.

# Stepped Tubular Tubular Steel

## Planted Root Dimensions

Height (m)	Top (mm)	Base (mm)	Height (mm)	Width (mm)	Position (mm)	Root (mm)	Mounting Arrangement	Projection (m)
4	76.1	139.7	500	100	400	800	PT/SA/DA	0.5
5	76.1	139.7	500	100	400	800	PT/SA/DA	0.5
6	76.1	139.7	500	100	400	1000	PT/SA/DA	0.5
7	76.1	139.7	500	100	400	1000	PT/SA/DA	0.5
8	88.9	168.3	600	115	400	1200	PT/SA/DA	1
10	114.3	168.3	600	115	400	1500	PT/SA/DA	1.5
12	139.7	193.7	600	115	400	1700	PT/SA/DA	1.5
15	168.3	193.7	600	115	400	2000	PT/SA/DA	1.5

## Flange Plated Dimensions

Height (m)	Top (mm)	Base (mm)	Height (mm)	Width (mm)	Position (mm)	Mounting Arrangement	Projection (m)	Width (mm)	Bolt Circle (mm)	Anchor Bolts
4	76.1	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
5	76.1	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
6	76.1	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
7	76.1	139.7	500	100	400	PT/SA/DA	0.5	260	200	M18 x 400
8	88.9	168.3	600	115	400	PT/SA/DA	1	420	300	M24 x 820
10	114.3	168.3	600	115	400	PT/SA/DA	1.5	420	300	M24 x 820
12	139.7	193.7	600	115	400	PT/SA/DA	1.5	420	300	M24 x 820
15	168.3	193.7	600	115	400	PT/SA/DA	1.5	420	300	M24 x 820

## Headload Capacity

				22m/s		24m/s		26m/s		28m/s		30m/s		32m/s						34m/s 36m/s					
				II	I	II	I	III	II	I	III	II	I	III	II					I	I	I			
4	PT	0	30	1.04	0.82	0.85	0.67	0.80	0.71	0.55	0.67	0.59	0.45	0.56	0.50	0.39	0.48	0.42	0.34	0.29	0.25	3.90	1.26	0.4 x 0.6	472
5	PT	0	30	0.61	0.46	0.48	0.37	0.48	0.39	0.29	0.39	0.31	0.23	0.32	0.25	0.19	0.26	0.21	0.15	0.12	0.10	3.85	1.17	0.4 x 0.6	455
6	PT	0	30	0.35	0.25	0.26	0.18	0.27	0.19	0.12	0.20	0.13	0.08	0.15	0.09	0.05	0.11	0.07	0.03	0.02	0.00	3.97	1.15	0.4 x 0.6	241
7	PT	0	30	0.17	0.09	0.10	0.04	0.12	0.05	0.00	0.06	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.81	0.98	0.4 x 0.6	0
8	PT	0	30	0.41	0.31	0.31	0.23	0.38	0.24	0.17	0.29	0.18	0.13	0.23	0.14	0.09	0.18	0.11	0.07	0.05	0.04	8.09	1.77	0.4 x 0.8	281
10	PT	0	30	0.40	0.30	0.30	0.23	0.36	0.23	0.17	0.28	0.18	0.14	0.22	0.15	0.12	0.18	0.12	0.10	0.08	0.05	11.86	2.03	0.5 x 0.9	211
12	PT	0	30	0.50	0.41	0.41	0.34	0.45	0.34	0.29	0.38	0.29	0.22	0.33	0.23	0.15	0.29	0.17	0.09	0.04	0.00	18.55	2.78	0.6 x 1.1	226
15	PT	0	30	0.76	0.63	0.61	0.46	0.68	0.45	0.32	0.54	0.33	0.21	0.41	0.22	0.11	0.31	0.13	0.03	0.00	0.00	31.52	3.56	0.7 x 1.4	234

All dimensions and technical information given as an indication. Valmont reserves the right to make, without delay and without prior notice, the technical or aesthetic modifications that it deems necessary to improve the products of the Standard Collection.

\* Mounting Arrangement Abbreviations: PT = Post Top, SA = Single Arm, DA = Double Arm, QA = Quad Arm, FL = Floodlight, SE = Side Entry, CB = Crossbar, CR = Crown, PF = Platform, OT = Other

\* Speeds given are basic 10 minute mean wind speeds in 2m/s increments, if national wind speeds lie between these figures please interpret using linear interpolation.

\* **M** = Bending moment at baseplate, **T** = Shear force at baseplate.