

Tree Column 2

Tubular Steel

Description and Specification

An organically designed lighting column offering a range of light point heights and mounting configurations. This columns can be used to create an eye-catching installation in many public spaces.

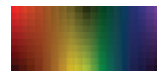
Tree Column 2 structures are available in heights ranging between 4 and 6 metres and are best suited for post top or side mount applications. Multiple mounting height arrangements are available. Valmont operates a Quality Assurance system which complies with requirements of BS EN ISO 9001. Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.



Galvanized Steel

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.














Tree Column 2 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	219	600	115	400	1000	TA	1
5	76	219	600	115	400	1000	TA	1
6	76	219	600	115	400	1000	TA	1
4,5,6	76	219	600	115	400	1000	TA	1

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	219	600	115	400	TA	1	420	300	M24 x 820
5	76	219	600	115	400	TA	1	420	300	M24 x 820
6	76	219	600	115	400	TA	1	420	300	M24 x 820
4,5,6	76	219	600	115	400	TA	1	420	300	M24 x 820

Headload Capacity

Height (m)	Mounting Type	Projection (mm)	Mass (kg)																	M (kNm)	T (kN)	Foundation Size (m)	Concrete Ø (mm)		
				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	TA	1	30	1.43	1.13	1.19	0.93	1.11	0.99	0.78	0.94	0.84	0.66	0.81	0.72	0.56	0.70	0.62	0.49	0.42	0.38	14.41	4.33	0.6 x 1	1746
5	TA	1	30	0.91	0.72	0.75	0.58	0.75	0.61	0.47	0.62	0.51	0.40	0.52	0.42	0.34	0.44	0.37	0.28	0.24	0.21	14.97	3.94	0.6 x 1	1769
6	TA	1	30	0.58	0.44	0.46	0.35	0.49	0.37	0.27	0.40	0.29	0.22	0.33	0.24	0.17	0.27	0.19	0.14	0.11	0.09	15.49	3.82	0.6 x 1.1	1799
6	TA	1	30	0.59	0.45	0.46	0.36	0.5	0.38	0.28	0.41	0.3	0.22	0.33	0.24	0.18	0.27	0.2	0.14	0.12	0.1	11.617	3.245	0.5 x 1	1349

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, TA = Triple 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.