



Severn

Multi-Sided Tapering

Description and Specification

A 12 sided, multifold, Stainless Steel tapering lighting column. Stainless steel lighting columns deliver excellent value by providing a superb aesthetic appeal, low maintenance, and long life.

Columns are available in heights of 4,7 5,7 and 7 metres and can be used for post top applications or supplied with demountable bracket arm arrangements. Stainless Steel is high strength, lightweight, and 100% recyclable. Stainless Steel lighting columns have been in service for over 30 years with an unequalled track record with regards to corrosion, and offer excellent value when assessing whole life cost. Full material specification can be located in our resources section. 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.












Stainless Steel

Finishing Options

As a standard, Valmont stainless steel columns undergoes a finishing process resulting in a homogenous satin finish which can be sealed with a clear coating on request. Both mirror finishing and electroplating are available for decorative stainless structures, although are not advised for roadside due to glare issues. For more information contact your local Valmont representative.

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Planted Root Dimensions

 Height (m)	 Top (mm)	 Base (mm)	 Height (mm)	 Width (kg)	 Position (mm)	 Root (mm)	 Mounting Arrangement	 Projection (m)
4.7	70	165	500	100	300	800	PT/SA	0.8
5.7	71	163	500	100	300	1000	PT/SA	0.8

Headload Capacity

Height (m)	Mounting Type	Projection (mm)	Mass (kg)	Wind Speeds												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	III	II	I	III	II
4.7	SA	0.3	30	0.28	0.19	0.20	0.12	0.19	0.13	0.07	0.13	0.08	0.03	0.08	0.04	0	0.04	0.01	0	0	0	3.24	1.24	0.4 x 0.5	385
5.7	SA	0.3	30	0.22	0.14	0.14	0.07	0.15	0.08	0.02	0.09	0.03	0	0.04	0	0	0	0	0	0	0	4.07	1.38	0.4 x 0.6	484

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.