

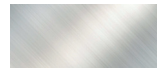
## Dart

### *Mid-Hinged Octagonal*

#### **Description and Specification**

A mid-hinged, stainless steel octagonal lighting column which is designed with simplicity in mind. Raising and lowering the column is a one man see-saw operation which requires no special tools.

Columns are available in heights of 5 and 6 metres and are equipped with a unique triple-locking device to prevent accidental lowering of the column. 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 found in the resources section. Valmont Structures 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.

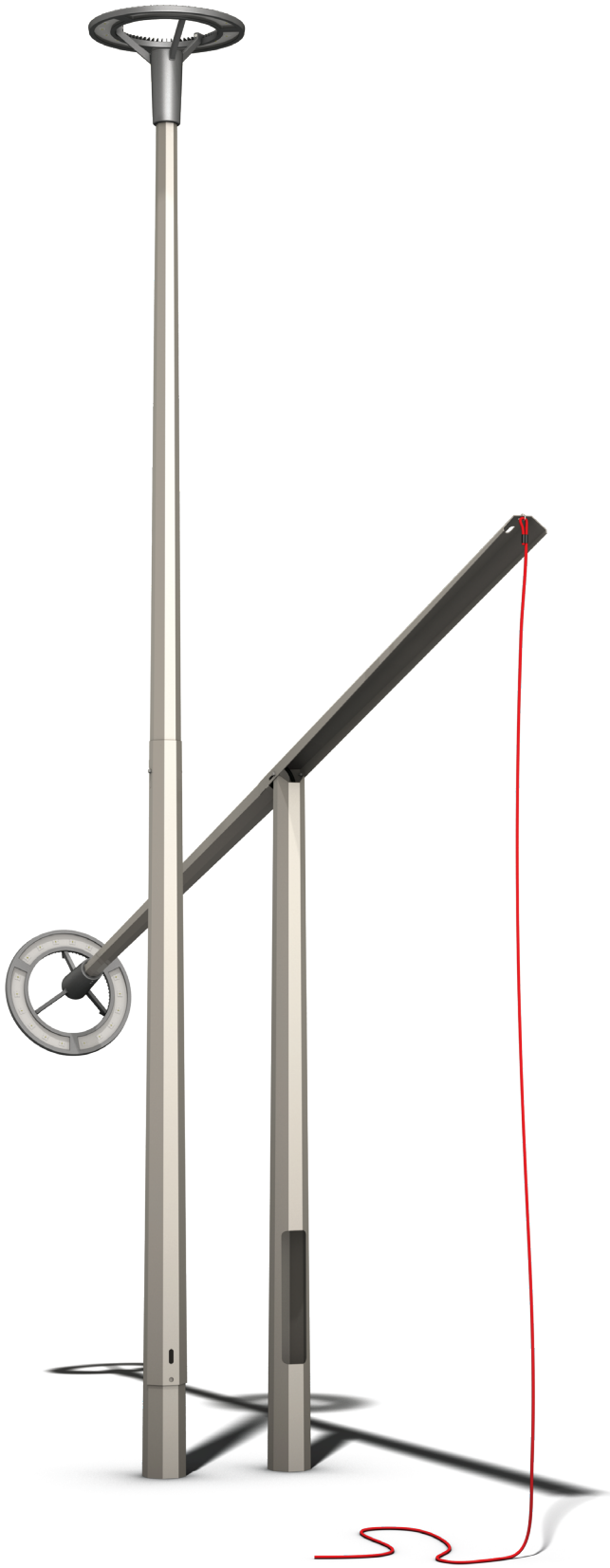


Stainless Steel

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





#### **Finishing Options**

As a standard, Valmont stainless steel columns undergo 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

								
5	76	164	500	100	300	800	PT	0
6	076	164	500	100	300	800	PT	0

### Flange Plated Dimensions

										
5	76	150	500	100	300	PT	0	260	200	M18 x 400
6	76	150	500	100	300	PT	0	260	200	M18 x 400

### Headload Capacity

																										
				22m/s		24m/s		26m/s			28m/s			30m/s						32m/s		34m/s		36m/s		
				CAT		CAT		III	II	I	III	II	I	III	II					I	III	II	I	III	II	I
5	PT	0	15	0.78	0.6	0.61	0.46	0.61	0.48	0.36	0.49	0.39	0.28	0.4	0.31	0.22	0.32	0.24	0.16	0.12	0.08	4.91	1.87	0.4 x 0.6	580	
6	PT	0	15	0.5	0.37	0.38	0.26	0.4	0.28	0.18	0.3	0.2	0.12	0.22	0.13	0.07	0.15	0.08	0.03	0	0	5.11	1.73	0.4 x 0.7	311	

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.