

Leven

Mid-Hinged Octagonal

Description and Specification

A mid-hinged octagonal galvanised steel lighting column. Raising and lowering the column is a one man operation without the need of specialist equipment.

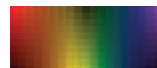
Column mounting heights of 5 & 6M are available. Leven columns can be used for post top applications or supplied with demountable bracket arm arrangements. The columns are equipped with a unique triple-locking device to prevent accidental lowering of the column. The standard corrosion protection system is hot dip galvanised to BS EN 1461. In addition, a variety of root treatments and full paint specification options are available. 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.



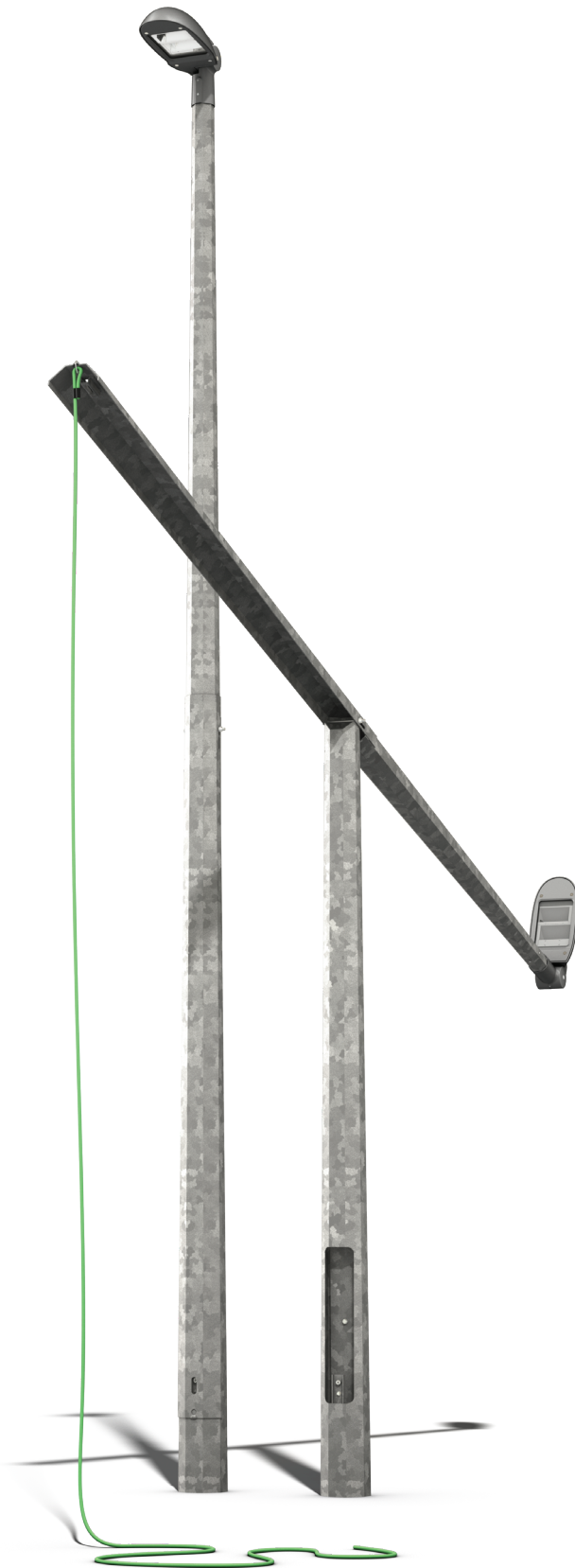
Galvanized Steel

Finishing Options

As a standard, Valmont steel columns are galvanised 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.



Leven Mid-Hinged Octagonal

Planted Root Dimensions

Height (m)	Top (mm)	Base (mm)	Height (mm)	Width (mm)	Position (mm)	Root (mm)	Mounting Arrangement	Projection (m)
5	76	165	500	100	300	800	PT	0
6	76	165	500	100	300	800	PT	0

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
5	76	165	500	100	300	PT	0	260	200	M18 x 400
6	76	165	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				M (kNm)	T (kN)		
				II	I	II	I	III	II	I	III	II	I	III	II	I	I	I							
5	PT	0	15	0.99	0.78	0.81	0.62	0.8	0.65	0.5	0.66	0.53	0.41	0.54	0.43	0.33	0.45	0.36	0.27	0.22	0.17	5.62	2.01	0.4 x 0.7	664
6	PT	0	15	0.67	0.51	0.52	0.4	0.55	0.41	0.3	0.43	0.32	0.23	0.35	0.25	0.18	0.28	0.2	0.13	0.1	0.07	5.90	2.04	0.4 x 0.7	359

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.