

Tay

Mid-Hinged Conical

Description and Specification

A mid-hinged conical 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.

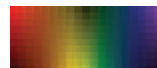
Column heights range from 4 to 6 metres and are suitable for post top applications. The columns are equipped with a unique triple-locking device to prevent accidental lowering of the column. The standard corrosion protection system is hot dip galvanized to BS EN 1461. In addition, a variety of root treatments 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.



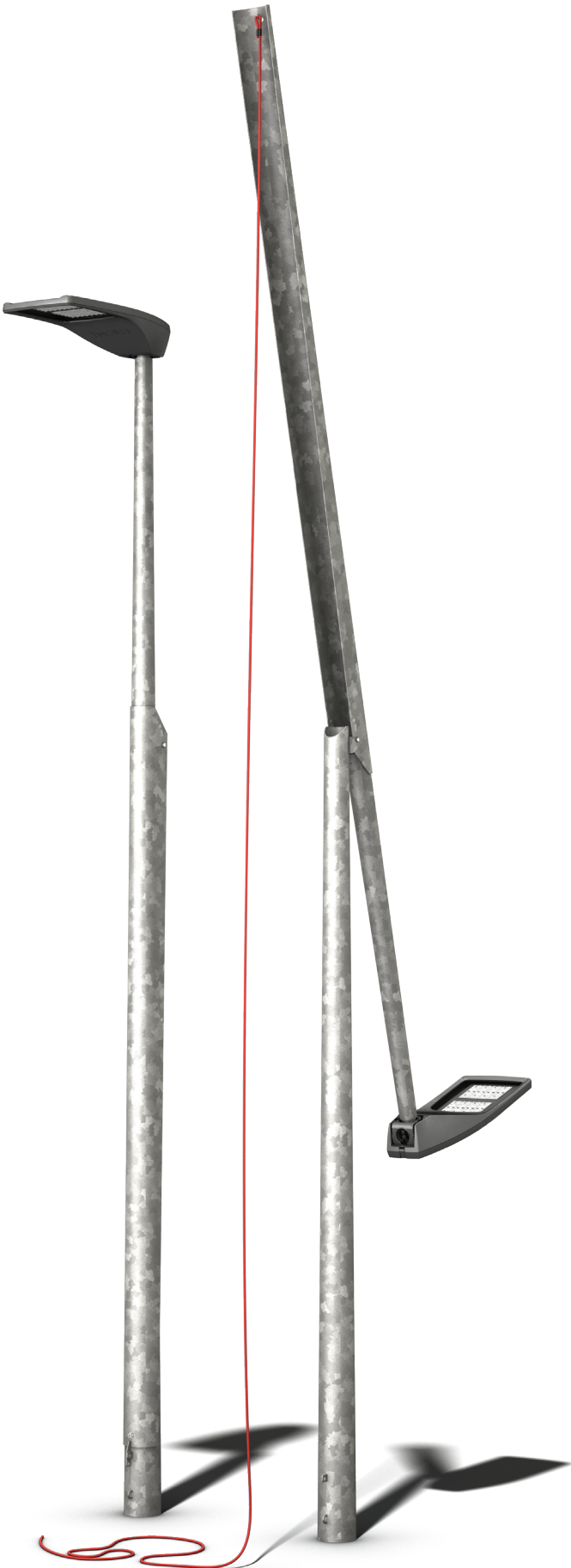
Galvanized Steel

Finishing Options

As a standard, Valmont steel columns are 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.



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Planted Root Dimensions

Height (m)	Top (mm)	Base (mm)	Height (mm)	Width (mm)	Position (mm)	Root (mm)	Mounting Arrangement	Projection (m)
4	76	158	500	100	500	800	PT/SA/DA	0.5
5	76	175	500	100	500	800	PT/SA/DA	0.5
6	76	195	500	100	500	1000	PT/SA/DA	0.5
8	76	232	500	100	500	1200	PT/SA/DA	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	144	500	100	500	PT/SA/DA	0.5	260	200	M18 x 400
5	76	161	500	100	500	PT/SA/DA	0.5	260	200	M18 x 400
6	76	178	500	100	500	PT/SA/DA	0.5	260	200	M18 x 400
8	76	212	500	100	500	PT/SA/DA	1	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	III	II	I					I	I	
Height (m)	Mounting Type	Projection (mm)	Mass (kg)	CAT		CAT		CAT			CAT			CAT		CAT		CAT		M (kNm)	T (kN)	Foundation Size (m)	Concrete Ø (mm)			
4	PT	0	60	1.86	1.48	1.54	1.22	1.46	1.28	1.02	1.25	1.09	0.86	1.06	0.93	0.74	0.92	0.81	0.64	0.55	0.48	7.21	2.15	0.4 x 0.8	873	
5	PT	0	60	1.98	1.59	1.63	1.3	1.66	1.36	1.09	1.4	1.15	0.92	1.2	0.98	0.79	1.04	0.84	0.68	0.59	0.52	10.29	2.57	0.5 x 0.9	1216	
6	PT	0	60	2.03	1.64	1.66	1.34	1.79	1.39	1.12	1.52	1.18	0.94	1.29	1	0.81	1.12	0.86	0.7	0.61	0.53	13.57	2.96	0.5 x 1	825	
8	PT	0	60	2.08	1.7	1.7	1.39	1.98	1.42	1.16	1.66	1.2	0.98	1.42	1.02	0.83	1.22	0.87	0.71	0.61	0.52	21.02	3.75	0.6 x 1.2	731	

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.