

Humber HD

Base-Hinged Octagonal

Description and Specification

A base-hinged, tubular lighting column with a spring loaded dampening device. A base hinged octagonal lighting column which is operated via a hydraulic cylinder which makes lantern maintenance safe and easy.

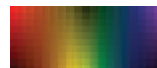
Column heights range from 10 to 20 metres covering a vast array of headweights. Humber columns are suitable for varying cross arm brackets and are ideally suited for sports lighting and restricted access applications. The standard corrosion protection system is hot dip galvanized to BS EN 1461. In addition, 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.

Humber HD *Base-Hinged Octagonal*

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
12	160	300	310	200	700	-	0	550	420	M36 x 1400
15	125	300	310	200	700	-	0	550	420	M36 x 1400
18	155	350	310	250	700	-	0	650	480	M39 x 1380
20	127	350	310	250	700	-	0	650	480	M39 x 1380

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	I	I			
10	PT	0	300	8.61	7.30	7.16	6.06	7.93	6.03	5.09	6.78	5.14	4.33	5.85	4.42	3.72	5.08	3.83	3.21	2.79	2.44	153.24	19.32	2.2 x 1.4	-
12	PT	0	300	5.77	4.84	4.69	3.92	5.15	3.86	3.20	4.32	3.21	2.63	3.65	2.68	2.17	3.10	2.24	1.80	1.49	1.17	156.40	18.53	2.3 x 1.3	-
15	PT	0	300	6.10	5.11	4.90	4.07	5.31	3.96	3.26	4.39	3.23	2.61	3.65	2.63	2.08	3.04	2.14	1.66	1.30	0.94	232.47	24.12	2.5 x 1.6	-
18	PT	0	300	3.42	2.81	2.66	2.15	2.91	2.08	1.64	2.33	1.62	1.24	1.86	1.24	0.90	1.49	0.93	0.64	0.41	0.23	220.30	23.56	2.5 x 1.5	-

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.