

DECORATIVE WOODEN POLES

PALLAS -Round conical

Wood



All shafts are manufactured from GL28h glued-laminated timber. The raw materials we use to produce our wooden columns are harvested from sustainability managed, PEFC certified forests. All wood is treated with a water-based stain finish consisting of four protective coats, VOCs<100g/l.

The range is designed and developed according to eurocodes 5, standard EN40 and EN1995.

Steel

Raw material: low-silicon steel (Si + P ≤ 0.04%)
Zinc coating: international standard EN ISO 1461 (layer thickness typically <90 µm).

PEDESTRIAN / PARK



Height (m)	Top Ø (mm)	Base Ø (mm)	Base height (mm)	Door (mm)			Internal dimensions	Flange (mm)		Embedding (mm)	
				Height	Width	Distance		Bolt spacing	Width	Concrete	Ground
3	90	140	1300	400	85	500	80 x 90	200 x 200	270	500	800
4	90	140	1300	400	85	500	80 x 90	200 x 200	270	500	800
5	90	140	1300	400	85	500	80 x 90	200 x 200	270	500	800
6	90	140	1300	400	85	500	80 x 90	200 x 200	270	500	1000

CAPACITY OF THE POLES

m/s m	22	22	22	24	24	24	26	26	26	28	28	28	32	32	32
	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3
3	2,68	3,21	3,54	2,24	2,68	2,96	1,91	2,28	2,51	1,64	1,96	2,16	1,25	1,49	1,65
4	1,51	1,90	2,15	1,25	1,58	1,78	1,06	1,33	1,51	0,90	1,14	1,28	0,68	0,85	0,97
5	0,93	1,17	1,42	0,77	0,96	1,17	0,64	0,80	0,97	0,53	0,68	0,83	0,40	0,50	0,61
6	0,58	0,74	0,97	0,46	0,59	0,78	0,38	0,48	0,64	0,32	0,40	0,53	0,23	0,29	0,38

Reference load used for calculation max 20 kg, SCX max m².



Spigot options (mm)

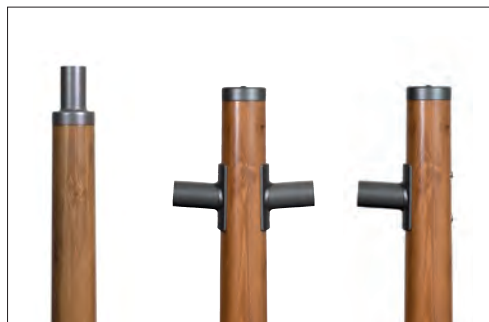
Ø 60 x 70

Ø 60 x 100

Ø 76 x 70

Ø 76 x 100

In Pedestrian/Park-models lantern is mounted either as post-top or optionally with short side arm.



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STREET

In Street range decorative arms can be used.



Height (m)	Top Ø (mm)	Base Ø (mm)	Base height (mm)	Door (mm)			Internal dimensions	Flange (mm)		Embedding (mm)	
				Height	Width	Distance		Bolt spacing	Width	Concrete	Ground
6	100	168	1400	400	85	500	80 x 120	200 x 200	270	600	1000
7	100	193	1400	400	85	500	80 x 150	300 x 300	400	700	1200
8	100	193	1400	400	85	500	80 x 150	300 x 300	400	700	1200
10	120	219	1600	500	100	500	95 x 170	300 x 300	400	700	1500

CAPACITY OF THE POLES

m/s m	22	22	22	24	24	24	26	26	26	28	28	28	32	32	32
	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3	cat 1	cat 2	cat 3
6	1,38	1,70	2,19	1,15	1,41	1,81	0,96	1,19	1,52	0,83	1,01	1,29	0,62	0,76	0,97
7	1,47	1,78	2,38	1,23	1,49	1,98	1,03	1,25	1,67	0,87	1,07	1,43	0,65	0,80	1,07
8	1,09	1,32	1,84	0,89	1,09	1,51	0,75	0,91	1,26	0,63	0,78	1,07	0,45	0,57	0,79
10	1,17	1,39	1,88	0,96	1,15	1,55	0,80	0,96	1,29	0,65	0,82	1,10	0,42	0,57	0,81

Reference load used for calculation max 20 kg, SCX max m².



WOOD

Wood is treated against ageing and natural enemies of wood, such as blue stain fungi, mildew and rot. As a natural material wood is expected to expand and shrink as the seasons and moisture change. Our elastic coating is designed to adapt to this behaviour of wood without cracking. Several layers are applied to give wood its final colour and to protect against UV radiation to maintain desired looks. Consistent coating is achieved on by using spray gun and modern drying chamber.



POWDER COATING



Our Tehocoat ® coating ensures high quality for surface finishing.

Powder coating is a fast, durable and environmentally friendly solution. Coating powders contain no volatile organic compounds and can be used to obtain a durable surface resistant to mechanical and chemical abrasion.

In addition to powder coating, our paint shop can also apply wet paints and Plascoat thermoplastic coatings, and utilize modern solutions to produce different kinds of textures.



NOTE: Due to printing techniques, the colours presented may differ from reality.