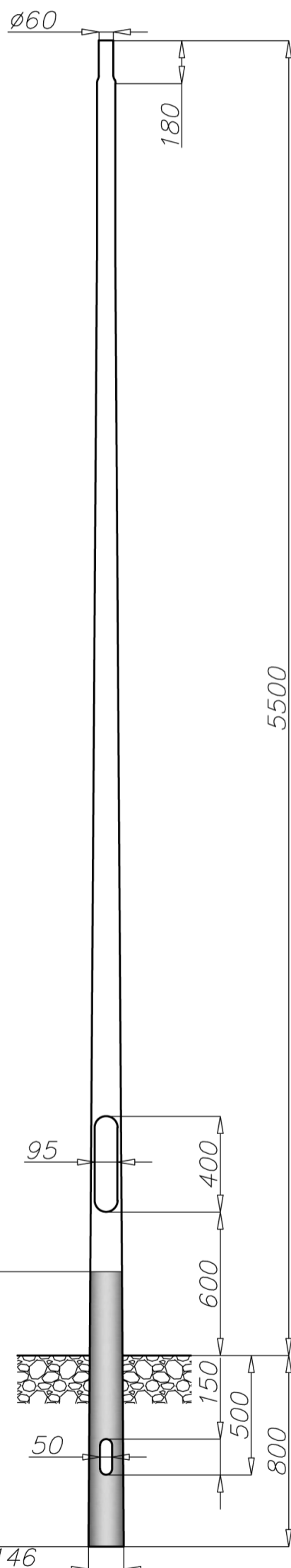


Aluminium column SAL-55 dz

diameter 146 mm at ground level



Technical data

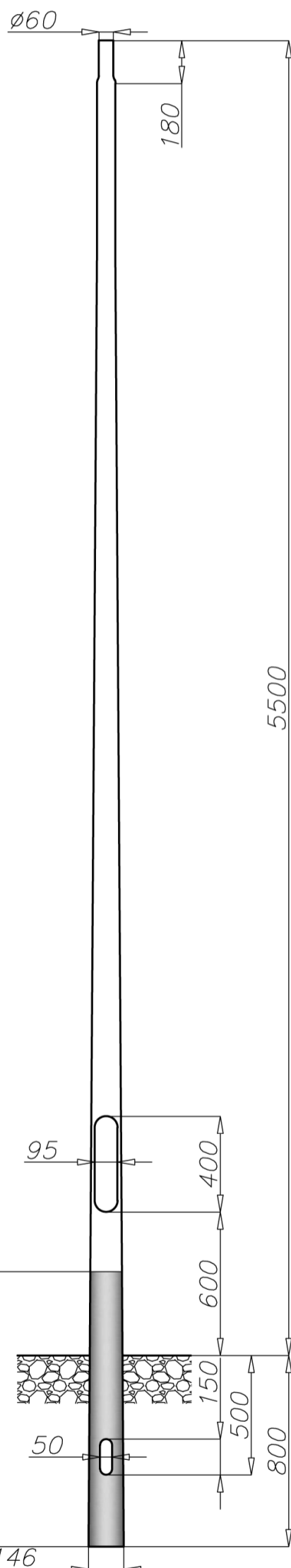
Aluminium Column	SAL-55 dz
Product code	42322
Column height H [m]	5,5
Wall thickness [mm]	4,2
Net weight [kg]	24,1
Volume [m ³]	0,64
Post top column	luminaires with $\varnothing 60$ spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	according to resistance calculations
Rooted section h [m]	0,8

Resistance calculations

SAL-55 dz code 42322		acceptable windage of single luminaire [m ²] for C _x =0,7			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
extension arm type	acceptable weight of single luminaire	I zone, II location category	I and III zone, II location category to 450 m AMSL	II zone, II location category	III zone, II location category to 755 m AMSL
WA-01	10	0,96	0,79	0,57	0,50
WA-1	10	0,98	0,81	0,59	0,52
WA-2	10	0,79	0,64	0,44	0,38
WA-3	10	0,73	0,60	0,43	0,38
WA-4	10	0,67	0,53	0,35	0,29
WA-5/1	10	0,54	0,44	0,29	0,25
WA-5/2	8	0,29	0,21	x	x
WA-8/1	10	0,62	0,50	0,33	0,29
WA-8/2	8	0,30	0,22	x	x
WA-11/1	10	0,6	0,47	0,31	0,26
WA-11/2	8	0,33	0,25	0,13	x
WA-14/1	10	0,62	0,50	0,33	0,28
WA-14/2	8	0,34	0,25	0,14	x
WA-15/1 P	10	0,65	0,53	0,36	0,30
WA-15/1 U	15	0,46	0,37	0,24	0,20
WA-15/2	8/15	0,27	0,20	x	x
WA-20/1	10	0,34	0,25	x	x
WR-1/1	15	0,7	0,58	0,41	0,37
WR-1/2	15	0,38	0,31	0,21	0,18
WR-2/1	15	0,47	0,38	0,26	0,22
WR-2/2	15	0,31	0,24	0,15	x
WR-2/3	15	0,22	0,17	x	x
WR-3/1	15	0,43	0,35	0,23	0,20
WR-3/2	15	0,3	0,23	0,14	x

Aluminium column SAL-55 dz

diameter 146 mm at ground level



Resistance calculations

SAL-55 dz code 42322		acceptable windage of single luminaire [m ²] for C _x =0,7			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
extension arm type	acceptable weight of single luminaire	I zone, II location category	I and III zone, II location category to 450 m AMSL	II zone, II location category	III zone, II location category to 755 m AMSL
WR-4/1	15	0,64	0,53	0,37	0,33
WR-4/2	15	0,39	0,31	0,21	0,18
WR-5A/1	15	0,49	0,39	0,26	0,22
WR-5A/2	15	0,27	0,21	0,13	x
WR-6A/1	15	0,78	0,64	0,45	0,40
WR-8/1	15	0,33	0,25	0,14	x
WR-8A/1	15	0,51	0,41	0,28	0,24
WR-9/1	15	0,32	0,24	0,13	x
WR-12/1	15	0,34	0,26	0,15	x
WR-13/1	15	0,49	0,39	0,25	0,20
WR-13/2	15	0,29	0,21	x	x
WR-14/1	15	0,39	0,30	0,2	0,16
WR-15/1	15	0,47	0,37	0,25	0,21
WR-15/2	15	0,32	0,25	0,15	x
WR-17/1	10	0,18	x	x	x
WR-18	15	0,24	0,17	x	x
WR-18A	15	0,16	x	x	x
WR-31	15	0,19	x	x	x
WR-61	15	0,25	0,17	x	x
WN-1	15	0,68 (C _x =1)	0,57 (C _x =1)	0,42 (C _x =1)	0,38 (C _x =1)
WN-2	15	0,32 (C _x =1)	0,27 (C _x =1)	0,19 (C _x =1)	0,17 (C _x =1)
WN-21	15	0,3 (C _x =1)	0,25 (C _x =1)	0,17 (C _x =1)	0,15 (C _x =1)

SAL-55 dz code 42322		acceptable windage of luminaires and extension arms [m ²] for C _x =1			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
acceptable mass of luminaires and extension arms [kg]		I zone, II location category	I and III zone, II location category to 450 m AMSL	II zone, II location category	III zone, II location category to 755 m AMSL
30		0,74	0,62	0,46	0,42

- surface: polished aluminium
- anodizing in 12 colours
- option of powder painting in RAL colours (other colours available on request)
- elastomer protection in the color of the column to a height of 350 mm (other height on request)
- ROSA standard wiring chamber
- packing: sleeve material