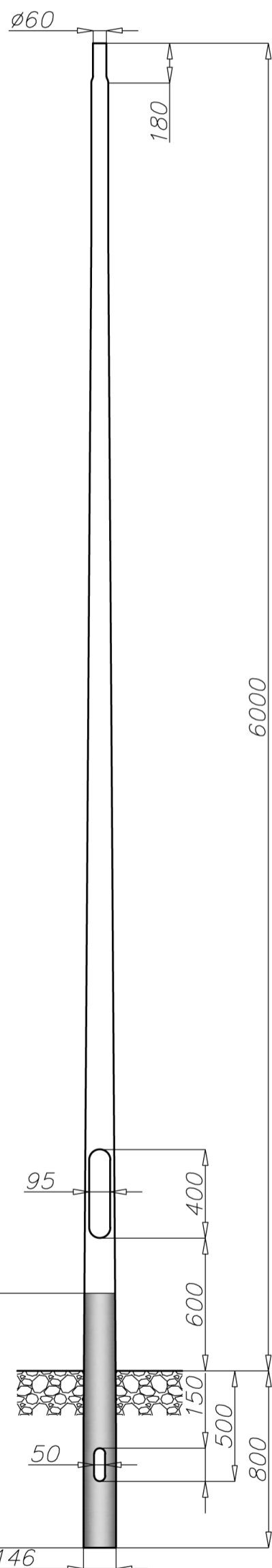


Aluminium column SAL-60 dz

diameter 146 mm at ground level



Technical data

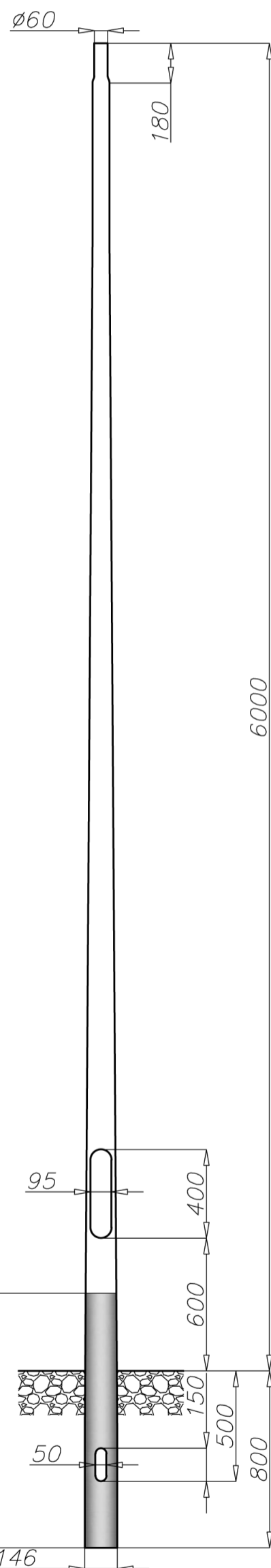
Aluminium Column	SAL-60 dz
Product code	42323
Column height H [m]	6
Wall thickness [mm]	4,2
Net weight [kg]	26,7
Volume [m ³]	0,69
Post top column	luminaires with Ø60 spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	according to resistance calculations
Rooted section h [m]	0,8

Resistance calculations

SAL-60 dz code 42323		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	0,93	0,77	0,54	0,48
WA-1	10	0,96	0,79	0,56	0,50
WA-2	10	0,78	0,63	0,43	0,37
WA-3	10	0,74	0,60	0,43	0,37
WA-4	10	0,66	0,52	0,34	0,28
WA-5/1	10	0,56	0,45	0,29	0,25
WA-5/2	8	0,28	0,21	x	x
WA-8/1	10	0,63	0,50	0,33	0,28
WA-8/2	8	0,29	0,21	x	x
WA-11/1	10	0,61	0,48	0,31	0,26
WA-11/2	8	0,32	0,23	x	x
WA-14/1	10	0,64	0,51	0,33	0,28
WA-14/2	8	0,32	0,24	0,13	x
WA-15/1 P	10	0,66	0,53	0,36	0,30
WA-15/1 U	15	0,48	0,37	0,24	0,20
WA-15/2	8/15	0,27	0,20	x	x
WA-20/1	10	0,36	0,26	0,13	0,20
WR-1/1	15	0,71	0,58	0,41	0,36
WR-1/2	15	0,37	0,30	0,2	0,17
WR-2/1	15	0,50	0,40	0,27	0,23
WR-2/2	15	0,50	0,40	0,27	0,23
WR-3/1	15	0,46	0,37	0,24	0,20
WR-3/2	15	0,29	0,22	0,13	x

Aluminium column SAL-60 dz

diameter 146 mm at ground level



Resistance calculations

SAL-60 dz code 42323		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	0,65	0,54	0,38	0,33
WR-4/2	15	0,37	0,30	0,2	0,17
WR-13/1	15	0,51	0,40	0,25	0,21
WR-13/2	15	0,27	0,20	x	x
WR-15/1	15	0,49	0,39	0,25	0,21
WR-15/2	15	0,31	0,23	0,13	x
WN-1	15	0,67 (C _x =1)	0,56 (C _x =1)	0,41 (C _x =1)	0,36 (C _x =1)
WN-2	15	0,31 (C _x =1)	0,26 (C _x =1)	0,19 (C _x =1)	0,16 (C _x =1)
WN-21	15	0,29 (C _x =1)	0,24 (C _x =1)	0,17 (C _x =1)	0,15 (C _x =1)

SAL-60 dz code 42323		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		0,71	0,60	0,44	0,4

- surface: polished aluminium
- anodising in 10 colours, each with possibility of brightening
- 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
- passive safety certificate 100NE2