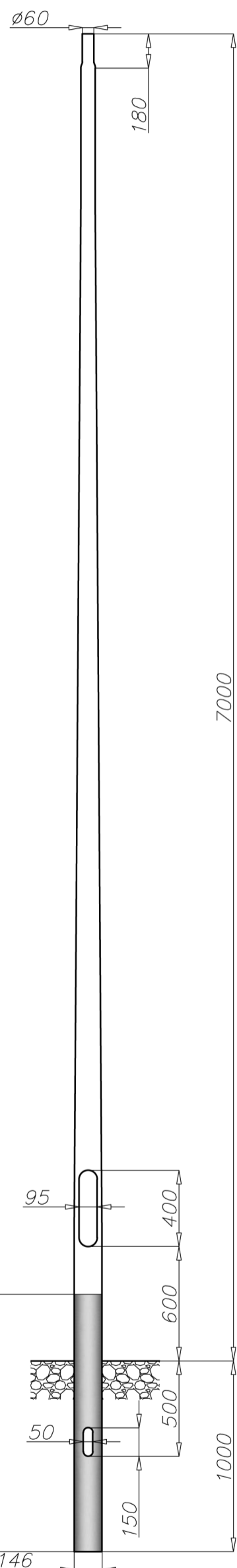


Aluminium column SAL-70 dz

diameter 146 mm at ground level



Technical data

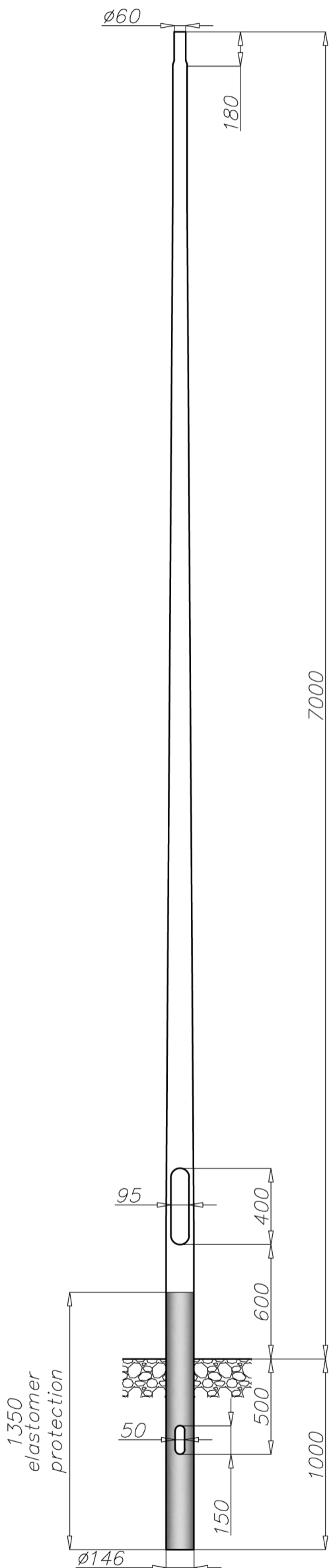
Aluminium Column	SAL-70 dz
Product code	42325
Column height H [m]	7
Wall thickness [mm]	4,2
Net weight [kg]	32,8
Volume [m ³]	0,82
Post top column	luminaires with $\varnothing 60$ spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	according to resistance calculations
Rooted section h [m]	1

Resistance calculations

SAL-70 dz code 42325		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	0,69	0,54	0,36	0,31
WA-1	10	0,71	0,56	0,38	0,32
WA-2	10	0,56	0,43	0,26	0,22
WA-3	10	0,56	0,44	0,29	0,25
WA-4	10	0,47	0,35	0,19	0,14
WA-5/1	10	0,41	0,31	0,18	0,14
WA-8/1	10	0,46	0,35	0,2	0,16
WA-11/1	10	0,44	0,33	0,18	0,14
WA-14/1	10	0,46	0,35	0,2	0,16
WA-15/1 P	10	0,49	0,37	0,22	0,18
WA-15/1 U	15	0,46	0,35	0,2	0,16
WA-20/1	10	0,23	0,14	x	x
WR-1/1	15	0,54	0,43	0,29	0,24
WR-1/2	15	0,26	0,20	x	x
WR-2/1	15	0,37	0,29	0,17	0,14
WR-3/1	15	0,19	0,13	x	x
WR-4/1	15	0,5	0,40	0,26	0,22
WR-4/2	15	0,26	0,20	x	x

Aluminium column SAL-70 dz

diameter 146 mm at ground level



Resistance calculations

SAL-70 dz code 42325		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-5A/1	15	0,38	0,29	0,17	0,13
WR-6A/1	15	0,57	0,45	0,29	0,25
WR-8A/1	15	0,39	0,30	0,18	0,14
WR-13/1	15	0,36	0,26	0,13	x
WR-14/1	15	0,3	0,22	x	x
WR-15/1	15	0,36	0,27	0,15	0,11
WR-18	15	0,17	x	x	x
WR-61	15	0,16	x	x	x
WN-1	15	0,5	0,41	0,28	0,24
WN-2	15	0,23	0,18	x	x
WN-21	15	0,21	0,16	x	x

SAL-70 dz code 42325		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		0,53	0,43	0,31	0,27

- 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