

Aluminium column SAL-70H

diameter 146 mm at the base plate

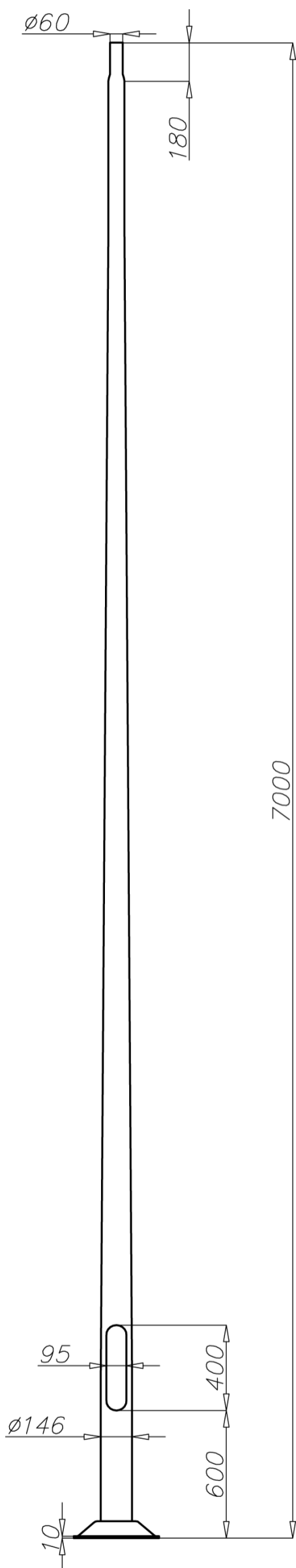


Technical data

Aluminium Column	SAL-70H
Product code	42337
Column height H [m]	7
Wall thickness [mm]	4,2
Net weight [kg]	31,7
Volume [m ³]	0,458
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
Concrete footing / reinforcement basket	B-71 / Z-71
Concrete footing code/reinforcement basket code	311171 / 311271
Hot galvanized nut set /Hot galvanized ripable nut set	4012 / 4013

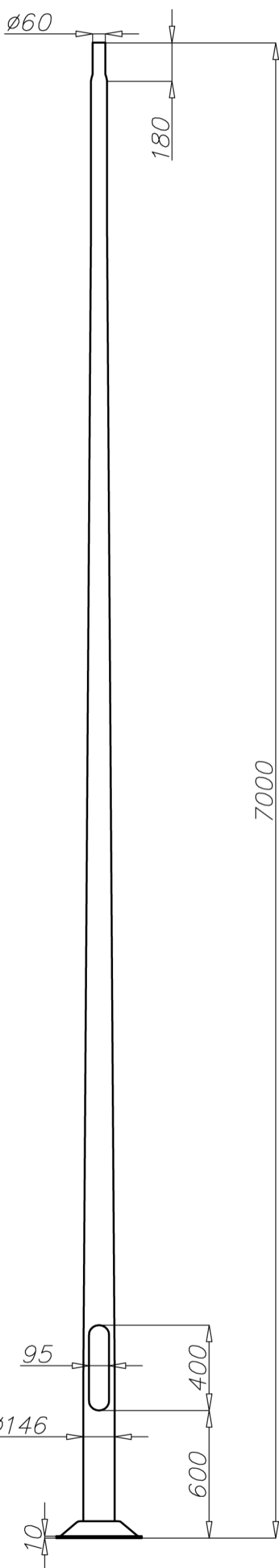
Resistance calculations

SAL-70H code 42337		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 450m AMSL	II zone, II location category	III zone, II location category to 755m AMSL
WA-01	10	0,69	0,55	0,36	0,31
WA-1	10	0,71	0,56	0,38	0,32
WA-2	10	0,56	0,43	0,27	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-5/2	8	0,17	x	x	x
WA-8/1	10	0,46	0,35	0,2	0,16
WA-8/2	8	0,18	x	x	x
WA-11/1	10	0,44	0,33	0,18	0,14
WA-11/2	8	0,19	x	x	x
WA-14/1	10	0,46	0,35	0,2	0,16
WA-14/2	8	0,2	0,13	x	x
WA-15/1 P	10	0,49	0,37	0,22	0,18
WA-15/1 U	15	0,35	0,25	0,14	x
WA-15/2	8/15	0,16	x	x	x
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	0,13	0,24
WR-2/1	15	0,38	0,29	0,17	0,14
WR-2/2	15	0,19	0,13	x	x
WR-3/1	15	0,35	0,26	0,15	x
WR-3/2	15	0,19	0,13	x	x



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Resistance calculations

SAL-70H code 42337		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 450m AMSL	II zone, II location category	III zone, II location category to 755m AMSL
WR-4/1	15	0,5	0,40	0,26	0,22
WR-4/2	15	0,26	0,20	x	x
WR-5A/1	15	0,38	0,29	0,17	0,13
WR-5A/2	15	0,18	0,13	x	x
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-9/1	15	0,22	0,15	x	x
WR-13/1	15	0,36	0,26	0,14	x
WR-13/2	15	0,16	x	x	x
WR-14/1	15	0,3	0,22	x	x
WR-15/1	15	0,36	0,27	0,15	x
WR-15/2	15	0,19	0,13	x	x
WR-18	15	0,17	x	x	x
WR-61	15	0,16	x	x	x
WN-1	15	0,5 (C _x =1)	0,41 (C _x =1)	0,28 (C _x =1)	0,25 (C _x =1)
WN-2	15	0,23 (C _x =1)	0,18 (C _x =1)	x	x
WN-21	15	0,21 (C _x =1)	0,16 (C _x =1)	x	x

SAL-70H code 42337		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 450m AMSL	II zone, II location category	III zone, II location category to 755m 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 option in the color of the column to a height of 350 mm (other height on request)
- ROSA standard wiring chamber
- packing: sleeve material

