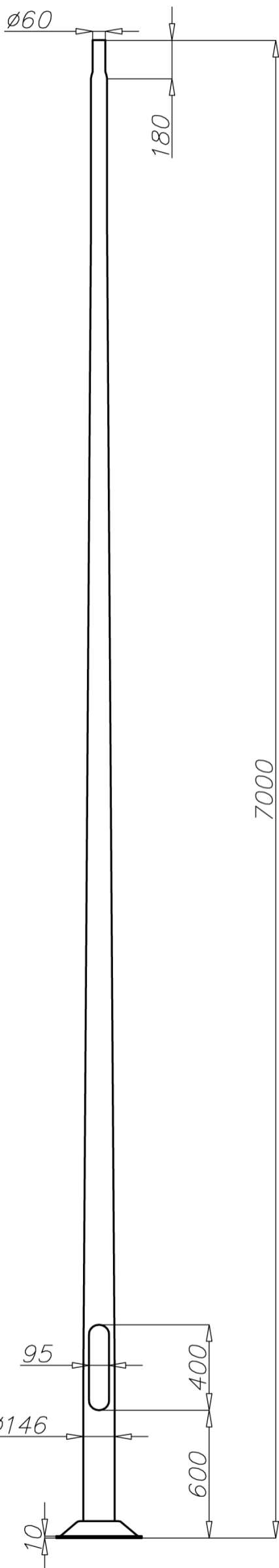


Aluminium column SAL-70H

diameter 146 mm at the base plate



Technical data

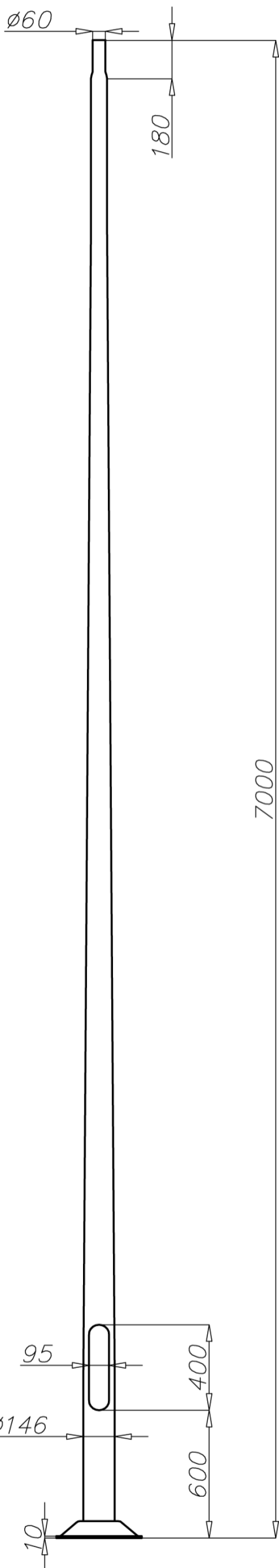
Aluminium Column	SAL-70H
Product code	42337
Column height H [m]	7
Wall thickness [mm]	4,2
Net weight [kg]	31,7
Volume [m ³]	0,458
Post top column	luminaires with Ø60 spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	according to resistance calculations
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
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
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-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-14/2	15	0,13	x	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

Aluminium column SAL-70H

diameter 146 mm at the base plate



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
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
- 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

