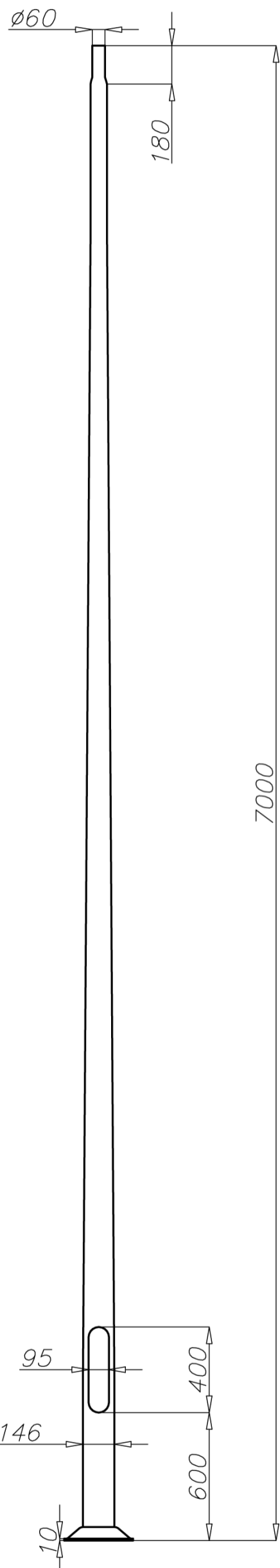


Aluminium column SAL-70

diameter 146 mm at the base plate



Technical data

Aluminium Column	SAL-70
Product code	42315
Column height H [m]	7
Wall thickness [mm]	4,2
Net weight [kg]	30
Volume [m ³]	0,309
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-60 / Z-60
Concrete footing code/reinforcement basket code	311160 / 311206
Hot galvanized nut set /Hot galvanized ripable nut set	4008 / 4009

Resistance calculations

SAL-70 code 42315		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	0,49	0,37	0,22	0,18
WR-1/2	15	0,18	0,13	x	x
WR-2/1	15	0,37	0,29	0,15	x
WR-3/1	15	0,35	0,26	0,15	x
WR-4/1	15	0,49	0,37	0,22	0,17
WR-4/2	15	0,18	0,13	x	x

Aluminium column SAL-70

diameter 146 mm at the base plate



Resistance calculations

SAL-70 code 42315		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-5A/1	15	0,36	0,26	x	x
WR-6A/1	15	0,42	0,32	0,18	0,14
WR-8A/1	15	0,36	0,26	x	x
WR-13/1	15	0,36	0,24	x	x
WR-14/1	15	0,3	0,22	x	x
WR-15/1	15	0,36	0,27	x	x
WN-1	15	0,39 (C _x =1)	0,31 (C _x =1)	0,19 (C _x =1)	0,16 (C _x =1)
WN-2	15	0,17 (C _x =1)	0,13 (C _x =1)	x	x
WN-21	15	0,15 (C _x =1)	x	x	x

SAL-70 code 42315		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		0,41	0,32	0,21	0,18

- 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

