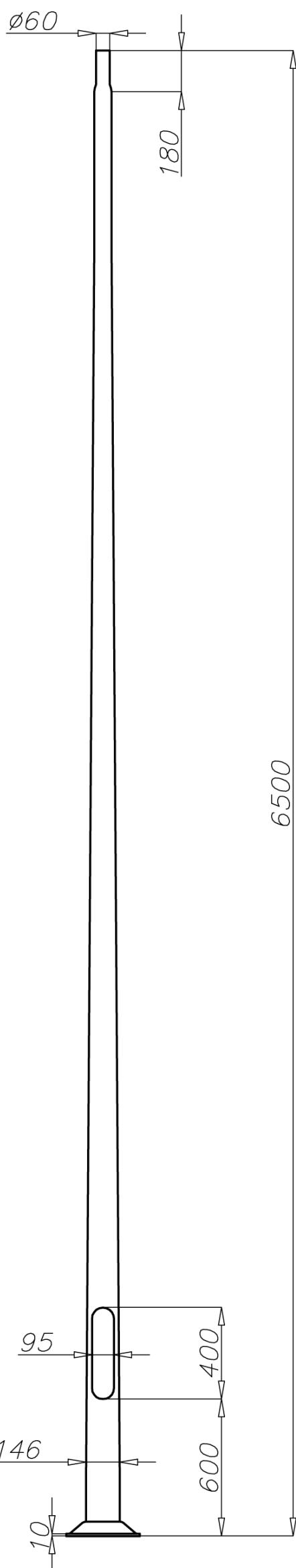


# Aluminium column SAL-65

diameter 146 mm at the base plate



## Technical data

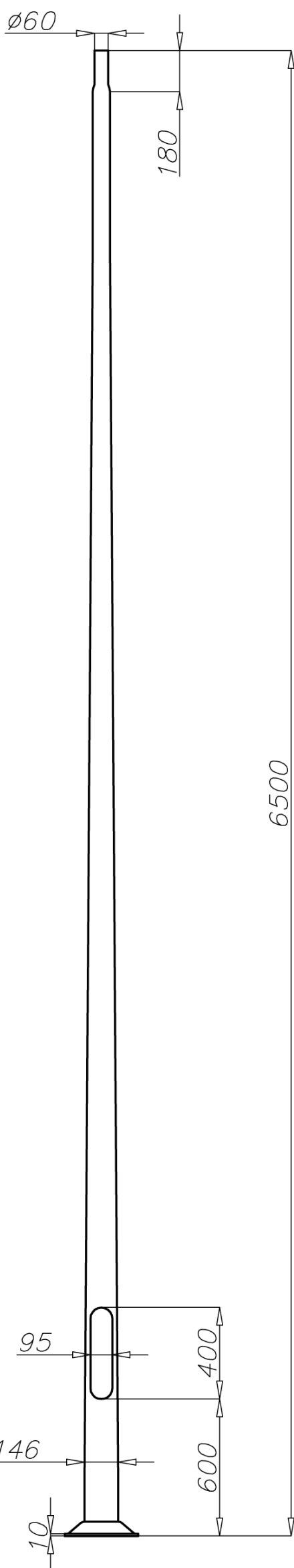
Aluminium Column	SAL-65
Product code	42314
Column height H [m]	6,5
Wall thickness [mm]	4,2
Net weight [kg]	27,3
Volume [m <sup>3</sup> ]	0,287
Post top column	luminaires with $\varnothing 60$ spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	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-65 code 42314		acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=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	0,63	0,50	0,33	0,28
WR-1/2	15	0,25	0,19	x	x
WR-2/1	15	0,45	0,36	0,23	0,19
WR-2/2	15	0,19	0,13	x	x
WR-2/3	15	0,13	x	x	x
WR-3/1	15	0,42	0,33	0,21	0,17
WR-3/2	15	0,18	x	x	x
WR-4/1	15	0,6	0,48	0,32	0,27
WR-4/2	15	0,25	0,19	x	x
WR-5A/1	15	0,46	0,36	0,21	0,17
WR-5A/2	15	0,17	x	x	x
WR-6A/1	15	0,55	0,43	0,27	0,23
WR-8A/1	15	0,48	0,37	0,22	0,17
WR-12/1	15	0,3	0,20	x	x
WR-13/1	15	0,45	0,34	0,19	0,14
WR-13/2	15	0,15	x	x	x
WR-14/1	15	0,37	0,29	0,17	0,14
WR-15/1	15	0,44	0,34	0,21	0,17
WR-15/2	15	0,19	x	x	x

# Aluminium column SAL-65

diameter 146 mm at the base plate



## Resistance calculations

SAL-65 code 42314		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-18	15	0,23	0,15	x	x
WR-31	15	0,17	x	x	x
WR-61	15	0,23	0,14	x	x
WN-1	15	0,5 (Cx=1)	0,4 (Cx=1)	0,27 (Cx=1)	0,24 (Cx=1)
WN-2	15	0,22 (Cx=1)	0,18 (Cx=1)	x	x
WN-21	15	0,2 (Cx=1)	0,16 (Cx=1)	x	x

SAL-65 code 42314		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		0,52	0,42	0,29	0,25

- 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

