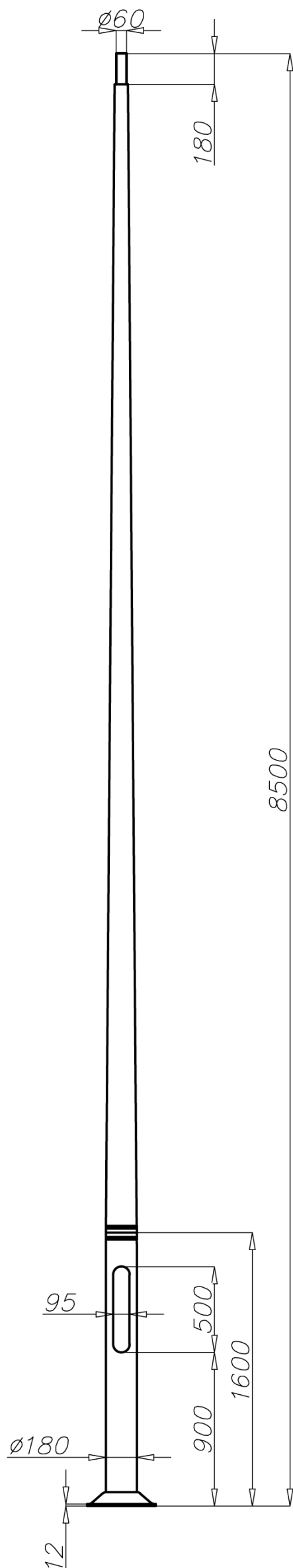


Aluminium column SAL-85 M/P

diameter 180 mm at the base plate



Technical data

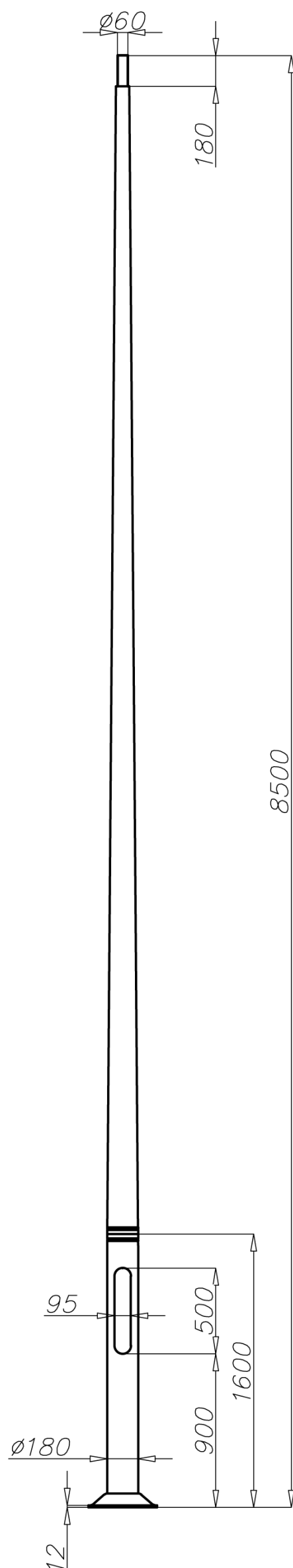
Aluminium Column	SAL-85M/P
Product code	42930
Column height H [m]	8,5
Wall thickness [mm]	4,3
Net weight [kg]	51,1
Volume [m ³]	0,556
Post top column	luminaires with Ø60 spigot entry with weight and windage not exceeding data in resistance calculations
Concrete footing / reinforcement basket	B-70 / Z-70
Concrete footing code/reinforcement basket code	311170/ 311207
Hot galvanized nut set /Hot galvanized ripable nut set	4012 / 4013

Resistance calculations

SAL-85M/P code 42930		acceptable windage of single luminaire [m ²] 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	18,0	0,76	0,63	0,46	0,41
WR-1/2	9,0	0,47	0,39	0,28	0,25
WR-2/1	17,5	0,66	0,54	0,38	0,34
WR-2/2	8,5	0,41	0,33	0,22	0,19
WR-3/1	15	0,64	0,52	0,37	0,33
WR-3/2	8,5	0,4	0,32	0,22	0,19
WR-4/1	18	0,76	0,63	0,46	0,41
WR-4/2	9	0,48	0,39	0,28	0,25
WR-5A/1	18	0,63	0,51	0,36	0,31
WR-5A/2	8	0,39	0,31	0,21	0,18
WR-6A/1	18	0,78	0,64	0,47	0,42
WR-8/1	18	0,45	0,35	0,22	0,18
WR-8A/1	18	0,64	0,52	0,36	0,32
WR-9/1	18	0,44	0,34	0,21	0,17
WR-9/2	6	0,24	0,17	x	x
WR-12/1	18	0,46	0,36	0,22	0,19
WR-13/1	18	0,64	0,51	0,35	0,3
WR-13/2	8,5	0,38	0,29	0,18	0,15
WR-14/1	16	0,58	0,47	0,33	0,28
WR-15/1	16,5	0,65	0,53	0,37	0,32
WR-15/2	9	0,41	0,32	0,21	0,18

Aluminium column SAL-85 M/P

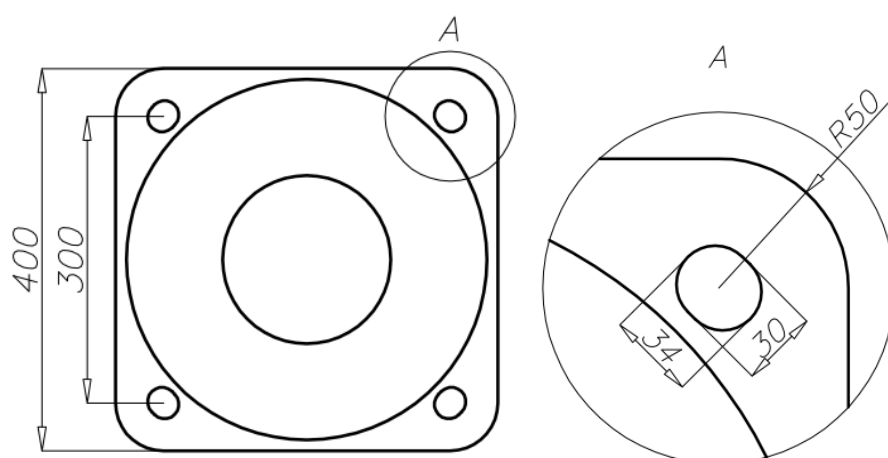
diameter 180 mm at the base plate



Resistance calculations

SAL-85M/P code 42930		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-17/1	9,5	0,29(C _x =1)	0,21(C _x =1)	0,12(C _x =1)	0,1(C _x =1)
WR-17/2	5,5	0,13(C _x =1)	x	x	x
WR-18	8,5	0,45	0,35	0,22	0,19
WR-18A	8,5	0,36	0,27	0,15	0,12
WR-18B	8,5	0,29	0,2	x	x
WR-31	14,5	0,37	0,26	0,12	x
WR-61	7,5	0,43	0,33	0,2	0,16
WRP1/1,0/0,7/5	18	0,66	0,53	0,37	0,33
WRP1/1,0/1,2/5	18	0,55	0,43	0,29	0,24
WRP1/1,5/0,7/5	12	0,56	0,45	0,3	0,26
WRP1/1,5/1,2/5	11	0,47	0,36	0,23	0,19
WRP2/1,0/0,7/5	8,5	0,4	0,32	0,21	0,18
WRP2/1,0/1,2/5	7,5	0,33	0,25	0,15	0,12
WRP2/1,5/0,7/5	8	0,35	0,27	0,16	0,13
WRP2/1,5/1,2/5	7	0,28	0,2	0,1	x
WN-1	18	0,68(C _x =1)	0,57(C _x =1)	0,42(C _x =1)	0,38(C _x =1)
WN-2	10	0,38(C _x =1)	0,32(C _x =1)	0,24(C _x =1)	0,22(C _x =1)
WN-21	9,5	0,36(C _x =1)	0,3(C _x =1)	0,22(C _x =1)	0,2(C _x =1)

SAL-85M/P code 42930		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] - mounted on the height of 8,7m		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
42		0,69(C _x =1)	0,59(C _x =1)	0,44(C _x =1)	0,4(C _x =1)



- 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