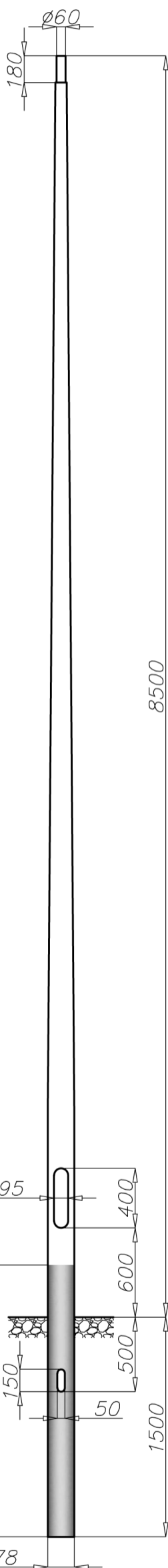


Aluminium column SAL-85K dz

diameter 178 mm at the ground level



Technical data

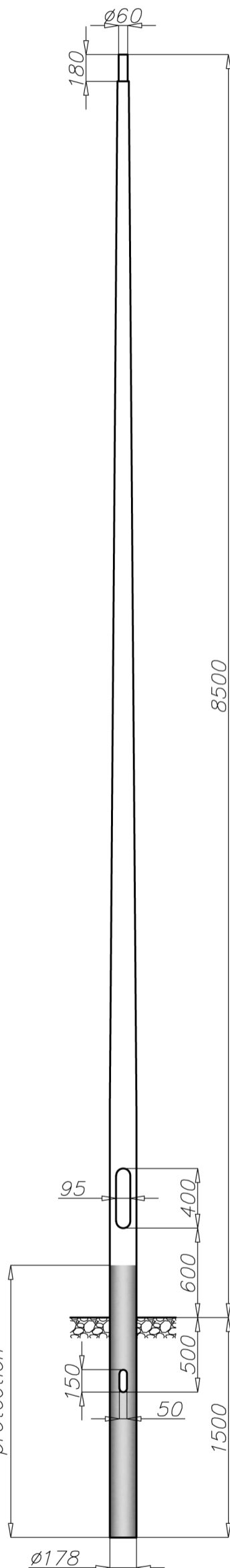
Aluminium Column	SAL-85K dz
Product code	42607
Column height H [m]	8,5
Wall thickness [mm]	3,5
Net weight [kg]	43,6
Volume [m ³]	0,133
Post top column	luminaires with $\varnothing 60$ spigot entry with weight and windage not exceeding data in resistance calculations
Compatible extension arms	according to resistance calculations
Rooted section h [m]	1,5

Resistance calculations

SAL-85K dz code 42607		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 $\geq 755m$ AMSL
WR-1/1	15	0,57	0,45	0,31	0,27
WR-1/2	15	0,25	0,19	0,12	0,10
WR-2/1	15	0,43	0,33	0,21	0,17
WR-2/2	15	0,18	0,13	x	x
WR-3/1	15	0,40	0,31	0,19	0,16
WR-3/2	15	0,18	0,13	x	x
WR-4/1	15	0,54	0,43	0,29	0,25
WR-4/2	15	0,25	0,19	0,12	0,10
WR-13/1	15	0,40	0,29	0,16	0,12
WR-13/2	15	0,14	x	x	x
WR-14/1	15	0,36	0,27	0,16	0,12
WR-15/1	15	0,41	0,31	0,18	0,14
WR-15/2	15	0,18	0,12	x	x

Aluminium column SAL-85K dz

diameter 178 mm at the ground level



Resistance calculations

SAL-85K dz code 42607		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-61	15	0,20	0,13	x	x
WRP1/1,0/0,7/5	15	0,39	0,30	0,18	0,14
WRP1/1,5/0,7/5	15	0,31	0,22	0,11	x
WRP2/1,0/0,7/5	15	0,17	0,12	x	x
WRP2/1,5/0,7/5	15	0,12	x	x	x
WN-1	15	0,49 (C _x =1)	0,4 (C _x =1)	0,28 (C _x =1)	0,25 (C _x =1)
WN-2	15	0,22 (C _x =1)	0,17 (C _x =1)	0,12 (C _x =1)	0,1 (C _x =1)
WN-21	15	0,2 (C _x =1)	0,15 (C _x =1)	0,1 (C _x =1)	x (C _x =1)
WN-3	10	0,16 (C _x =1)	0,12 (C _x =1)	x	x

SAL-85K dz code 42607		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		0,5 (C _x =1)	0,41 (C _x =1)	0,3 (C _x =1)	0,27 (C _x =1)

- 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