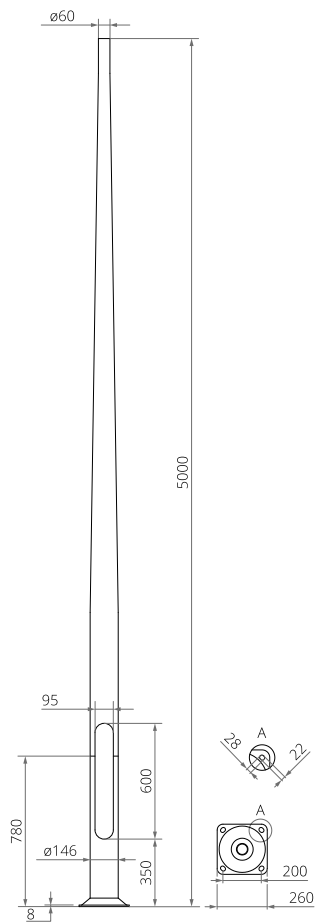


Aluminium column SAL-50/P

146 mm at the base plate



TECHNICAL DATA

Anodising	10 colours
Luminaire mounting	directly on the column, luminaires with mounting $\varnothing 60$ mm with weight and surface parameters not exceeding the data from the strength table included in the technical data sheet
Extension arm type	according to resistance calculations
Packing	sleeve material
Diameter at the base plate	146 mm
Finish	brushed anodised aluminium - anode coating thickness is $20\mu\text{m}$ as standard (coating thickness of $25\mu\text{m}$ is also possible), option of elastomer protection up to a height of 350 mm, in a colour similar to the anode colour (other heights or colours of elastomer available according to the RAL palette at the customer's request) - the thickness of the protective coating ranges from 0.8 mm to 1.2 mm

Diameter of the column ending $\varnothing 60$ mm

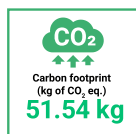


TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Net weight
42916/C...	SAL-50/P	5 m	4.2 mm	0.145 m ³	B-51 / Z-51	311151 / 311251	4008	25.2 kg

STRENGTH TABLE

Resistance calculations for 30 kg - expected max loading on height 2 m during lowering and raising in angle around 45°

SAL-50/P		Acceptable windage of single luminaire [m ²] for Cx=1					
code 42916		Vref. = 22 m/s		Vref. = 24 m/s		Vref. = 26 m/s	Vref. = 28 m/s
code of extension arm	type of extension arm	permissible weight of a single luminaire [kg]	zone I, terrain category II	zone I & III, terrain category II up to 450m a.s.l	zone II, terrain category II	zone III, terrain category II up to 755m a.s.l.	
-	-	10,5	0,55	0,45	0,36	0,30	
471040	WA-4	4	0,33	0,24	0,16	0,11	
471141	WA-14/1	7	0,41	0,30	0,21	0,15	
471041	WA-41 f42	4	0,34	0,25	0,18	0,13	
472041	WR-4/1/0,6/15	7,5	0,47	0,36	0,28	0,22	
47204105	WR-4/1/0,5/5	7,5	0,49	0,38	0,30	0,24	
4720419	WR-4/1/0,6/15 ZP	7,5	0,47	0,36	0,28	0,22	
472041059	WR-4/1/0,5/5 ZP	7,5	0,49	0,38	0,30	0,24	
473010	WN-1	9	0,50	0,40	0,31	0,25	

Resistance calculations for 50 kg - expected max loading on height 2 m during lowering and raising in angle around 45°

SAL-50/P		Acceptable windage of single luminaire [m ²] for Cx=1				
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Aluminium column SAL-50/P

146 mm at the base plate



code 42916		Vref. = 22 m/s acceptable wind speed for Vref. = 28 m/s				
code of extension arm	code of extension arm	permissible weight of a single luminaire [kg]	Vref. = 22 m/s zone I, terrain category II	Vref. = 24 m/s zone I & II, terrain category II up to 450m a.s.l	Vref. = 26 m/s zone II, terrain category II	Vref. = 28 m/s zone III, terrain category II up to 755m a.s.l.
-	-	21,5	0,52	0,41	0,33	0,28
471040	WA-4	14,5	0,29	0,20	0,13	0,08
471141	WA-14/1	18	0,38	0,27	0,18	0,13
471142	WA-14/2	4	0,14	0,09	0,04	x
471041	WA-41 fi42	14,5	0,30	0,21	0,14	0,10
472041	WR-4/1/0,6/15	18	0,43	0,33	0,25	0,20
47204105	WR-4/1/0,5/5	18	0,45	0,35	0,27	0,22
4720419	WR-4/1/0,6/15 ZP	18	0,43	0,33	0,25	0,20
472041059	WR-4/1/0,5/5 ZP	18	0,45	0,35	0,27	0,22
473010	WN-1	18	0,47	0,37	0,28	0,23
473020	WN-2	4,5	0,25	0,19	0,15	0,12
473210	WN-21	4,5	0,21	0,16	0,11	0,08

COLUMN MANUAL



1. Removal of the wiring chamber cover

2. Unscrewing the hinge's bolts

3. Manually lowering the column

ANODISING COLOURS

