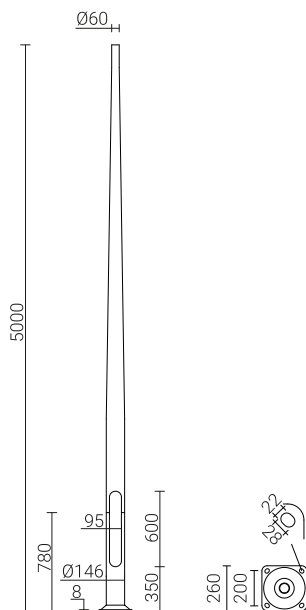


Aluminium column SAL-50/P

146 mm at the base plate



TECHNICAL DATA

Anodising	10 colours
Luminaire mounting	directly on the column, luminaires with mounting Ø60 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 20µm as standard (coating thickness of 25µm is also possible), option of elastomer protection in column's colour up to a height of 350 mm (other height on customer's request) - the thickness of the protective coating ranges from 0.8 mm to 1.2 mm
Diameter of the column ending	Ø60 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 m³	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 [m²] 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 fi42	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 [m²] 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.
-	-	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

Aluminium column SAL-50/P

146 mm at the base plate



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