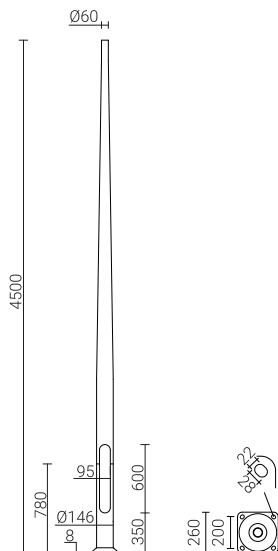


Aluminium column SAL-45/P

diameter Ø146mm at the base plate



Anodising: 10 colours, each with possibility of chemical brightening

Finish: grinded, anodised aluminium, option of elastomer protection in the colour of the column up to the height of 350 mm (other height on customer's request)

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



Code	Symbol	Height of the column	Wall thickness	Net weight	Approximate unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners
42915	SAL-45/P	4,5m	3,5mm	21,6kg	0,13m ³	B-51 / Z-51	311151 / 311251	4008

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

SAL-45/P		Acceptable windage of single luminaire [m ²] for Cx=1			
code 42915		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Extension arm type	Permissible weight of a single luminaire	I zone, II Field category up to	I & III zone, II Field category up to 450m by s.I	II zone, II Field category up to	III zone, II Field category up to 755m by s.I
-	13,5	0,70	0,59	0,48	0,41
WA-1	11	0,55	0,46	0,36	0,30
WA-4	7	0,43	0,35	0,25	0,20
WA-14/1	11	0,56	0,45	0,34	0,27
WR-4/1/0,6/15	11	0,59	0,50	0,39	0,32
WR-4/1/0,5/5	11	0,63	0,52	0,41	0,35
WR-4/1/0,6/15 ZP	11	0,59	0,50	0,39	0,32
WR-4/1/0,5/5 ZP	11	0,63	0,52	0,41	0,35
WN-1	12,5	0,64	0,54	0,43	0,36

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

Aluminium column SAL-45/P

diameter Ø146mm at the base plate

SAL-45/P		Acceptable windage of single luminaire [m ²] for Cx=1			
code 42915		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Extension arm type	Permissible weight of a single luminaire	I zone, II Field category up to	I & III zone, II Field category up to 450m by s.I	II zone, II Field category up to	III zone, II Field category up to 755m by s.I
-	26	0,65	0,56	0,45	0,38
WA-1	18	0,53	0,44	0,34	0,28
WA-4	18	0,39	0,31	0,22	0,17
WA-14/1	18	0,54	0,43	0,32	0,25
WA-14/2	5,5	0,22	0,16	0,11	0,07
WR-4/1/0,6/15	18	0,57	0,47	0,37	0,31
WR-4/2/0,6/15	5	0,27	0,22	0,17	0,14
WR-4/2/0,5/5	18	0,60	0,50	0,39	0,33
WR-4/1/0,5/5	5	0,29	0,24	0,19	0,15
WR-4/1/0,6/15 ZP	18	0,57	0,47	0,37	0,31
WR-4/2/0,6/15 ZP	5	0,27	0,22	0,17	0,14
WR-4/2/0,5/5 ZP	18	0,60	0,50	0,39	0,33
WR-4/1/0,5/5 ZP	5	0,29	0,24	0,19	0,15
WN-1	18	0,62	0,52	0,41	0,35
WN-2	6	0,32	0,27	0,21	0,18
WN-21	5,5	0,28	0,23	0,17	0,14

Column diagram of column SAL-45/P



1. Removing the door



2. Unscrewing the hinge's bolt



3. Manually lowering the column