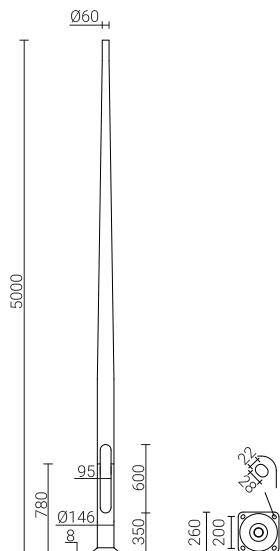


# Aluminium column SAL-50/P

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

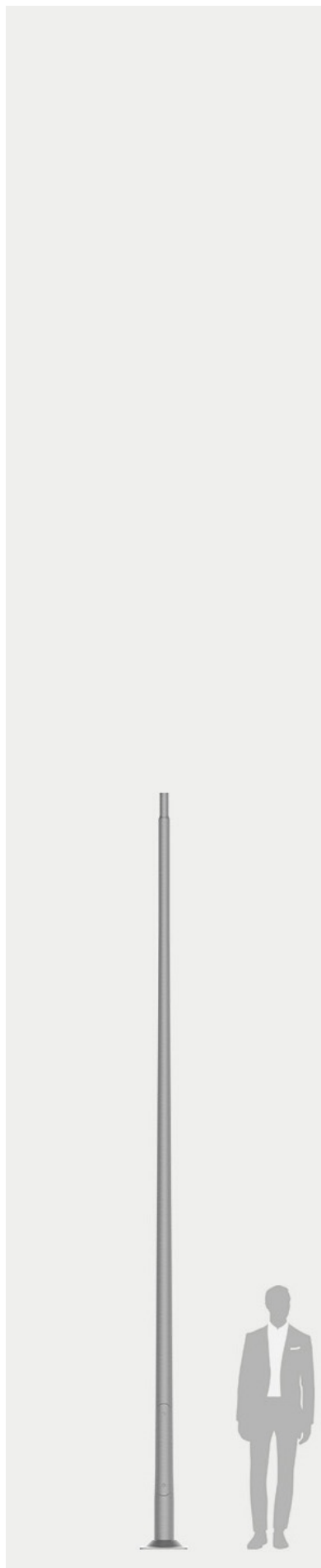
**Packing:** sleeve material



Code	Symbol	Height of the column	Wall thickness	Net weight	Approximate unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners
42916	SAL-50/P	5m	3,5mm	23,8kg	0,145m <sup>3</sup>	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-50/P		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1			
code 42916		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
-	10,5	0,55	0,47	0,37	0,32
WA-1	8	0,43	0,35	0,26	0,21
WA-4	4	0,33	0,25	0,17	0,12
WA-5/1	5,5	0,32	0,25	0,18	0,13
WA-14/1	7	0,41	0,32	0,23	0,17
WR-4/1/0,6/15	7,5	0,47	0,38	0,29	0,24
WR-4/1/0,5/5	7,5	0,49	0,40	0,31	0,25
WR-4/1/0,6/15 ZP	7,5	0,47	0,38	0,29	0,24
WR-4/1/0,5/5 ZP	7,5	0,49	0,40	0,31	0,25
WN-1	9	0,50	0,41	0,32	0,27



# Aluminium column SAL-50/P

diameter Ø146mm at the base plate

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 <sup>2</sup> ] for Cx=1			
code 42916		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
-	21,5	0,52	0,43	0,34	0,29
WA-1	18	0,40	0,32	0,24	0,19
WA-4	14,5	0,29	0,22	0,14	0,09
WA-14/1	18	0,38	0,29	0,20	0,14
WA-14/2	4	0,14	0,10	x	x
WR-4/1/0,6/15	18	0,43	0,35	0,26	0,21
WR-4/1/0,5/5	18	0,45	0,37	0,28	0,23
WR-4/1/0,6/15 ZP	18	0,43	0,35	0,26	0,21
WR-4/1/0,5/5 ZP	18	0,45	0,37	0,28	0,23
WN-1	18	0,47	0,39	0,30	0,24
WN-2	4,5	0,25	0,20	0,16	0,13
WN-21	4,5	0,21	0,16	0,12	0,09

Column diagram of column SAL-50/P



1. Removing the door



2. Unscrewing the hinge's bolt



3. Manually lowering the column