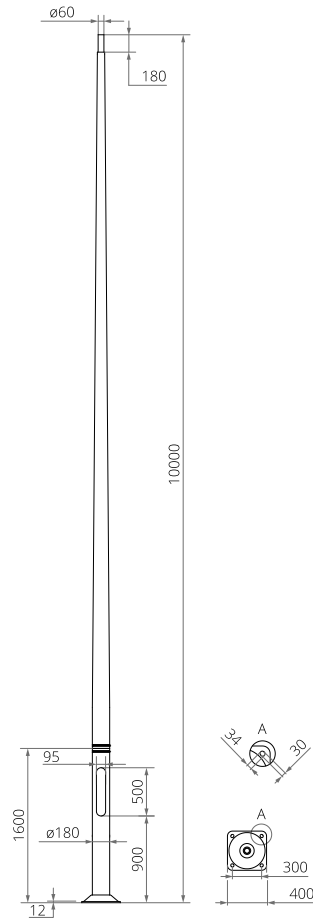


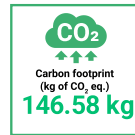
# Aluminium column SAL-100M/P

180 mm at the base plate



## TECHNICAL DATA

<b>Anodising</b>	10 colours
<b>Luminaire mounting</b>	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
<b>Extension arm type</b>	according to resistance calculations
<b>Packing</b>	sleeve material
<b>Diameter at the base plate</b>	180 mm
<b>Finish</b>	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
<b>Ending</b>	-
<b>Diameter of the column ending</b>	$\varnothing 60 \times 180$ mm adapted to the installation of ROSA extension arms (with the effect of a facing head) and ROSA luminaires (according to the assembly parameter included in the luminaire technical data sheet)



## 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
42933/C...	SAL-100M/P	10 m	4.3 mm	0.654 m <sup>3</sup>	B-70 / Z-70	311170 / 311207	4012	63.7 kg

## STRENGTH TABLE

SAL-100M/P		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1							
code 42933		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.			
-	-	50	0,44	0,34	0,26	0,20			
472021	WR-2/1/0,95/5	15	0,27	0,20	0,13	0,10			
472022	WR-2/2/0,95/5	15	0,13	0,08	0,04	x			
472023	WR-2/3/0,95/5	15	0,09	0,05	x	x			
472041	WR-4/1/0,6/15	15	0,34	0,25	0,19	0,14			
472042	WR-4/2/0,6/15	15	0,17	0,12	0,08	0,05			
47204105	WR-4/1/0,5/5	15	0,36	0,27	0,20	0,16			
47204205	WR-4/2/0,5/5	15	0,18	0,13	0,09	0,06			
47204110	WR-4/1/1,0/5	15	0,28	0,21	0,14	0,11			
47204210	WR-4/2/1,0/5	15	0,15	0,09	0,05	x			
4720419	WR-4/1/0,6/15 ZP	15	0,34	0,25	0,19	0,14			
4720429	WR-4/2/0,6/15 ZP	15	0,17	0,12	0,08	0,05			
472041059	WR-4/1/0,5/5 ZP	15	0,36	0,27	0,20	0,16			
472042059	WR-4/2/0,5/5 ZP	15	0,18	0,13	0,09	0,06			
472041109	WR-4/1/1,0/5 ZP	15	0,28	0,21	0,14	0,11			

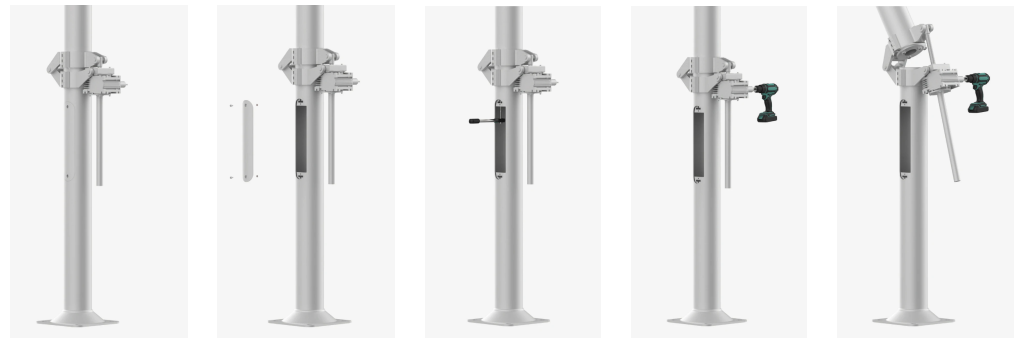
# Aluminium column SAL-100M/P

180 mm at the base plate



SAL-100M/P			Acceptable windage of single luminaire [m²] for Cx=1			
code 42933			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.
472042109	WR-4/2/1,0/5 ZP	15	0,15	0,09	0,05	x
472041159	WR-4/1/1,5/5 ZP	15	0,22	0,15	0,10	0,06
472042159	WR-4/2/1,5/5 ZP	15	0,11	0,06	x	x
472501	WR-5A/1/0,6/15	15	0,26	0,18	0,12	0,08
472502	WR-5A/2/0,6/15	15	0,12	0,07	0,04	x
47250106	WR-5A/1/0,6/5	15	0,25	0,18	0,11	0,08
47250206	WR-5A/2/0,6/5	15	0,12	0,07	x	x
472801	WR-8A/1/0,6/10	15	0,26	0,18	0,12	0,08
47280106	WR-8A/1/0,6/5	15	0,26	0,18	0,12	0,08
47280110	WR-8A/1/1,0/5	15	0,21	0,14	0,09	0,05
472831	WR-8B/1/0,35/0	15	0,34	0,25	0,18	0,14
472841	WR-8B/1/0,35/5	15	0,34	0,25	0,18	0,14
472851	WR-8B/1/0,35/10	15	0,34	0,26	0,19	0,14
472141	WR-14/1/1,0/5	15	0,22	0,15	0,09	0,06
472142	WR-14/2/1,0/5	15	0,08	0,04	x	x
472151	WR-15/1/1,0/5	15	0,24	0,16	0,10	0,06
472152	WR-15/2/1,0/5	15	0,11	0,06	x	x
472211	WR-21/1/1,5/0	15	0,14	0,08	x	x
472101	WR-T1/1,5/5	15	0,16	0,10	0,04	x
47219111	WRP 1/1,0/0,7/5	15	0,24	0,17	0,11	0,07
47219121	WRP 1/1,5/0,7/5	15	0,19	0,12	0,07	x
47219211	WRP 2/1,0/0,7/5	15	0,11	0,07	x	x
47219221	WRP 2/1,5/0,7/5	15	0,08	x	x	x
473010	WN-1	15	0,48	0,37	0,28	0,22
473020	WN-2	15	0,21	0,16	0,12	0,09
473030	WN-3	15	0,15	0,11	0,08	0,06
473040	WN-4	12	0,12	0,08	0,06	0,04
473210	WN-21	15	0,17	0,12	0,08	0,05
473420	WN-42	12	0,07	0,05	x	x
473211	WN-21 REG	15	0,14	0,09	0,04	x

## STAGES OF COLUMN'S OPERATION ON THE EXAMPLE OF AN ARTICULATED MECHANISM



1. Assembly of (manual or articulated) mechanism on the column
2. Removing the door of wiring chamber
3. Unscrewing 3 column's securing bolts at the break point
4. Mounting the drill in the mechanism
5. Lowering the column

## MECHANISM FOR COLUMN



Name	Code	Net weight
Manual mechanism	4005	15,0 kg
Articulated mechanism	4010	17,3 kg

# Aluminium column SAL-100M/P

180 mm at the base plate



## ANODISING COLOURS

