

Aluminium column SAL-70K

178 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
Performance under vehicle impact (passive safety)	50-NE-B-S-SE-MD-0, 70-NE-B-S-SE-MD-0, 100-NE-B-S-SE-MD-0
Diameter at the base plate	178 mm
Finish	brushed anodised aluminium, option of elastomer protection in column's colour up to a height of 350 mm (other height on customer's request)
Ingress protection	IP54 for wire chamber
Diameter of the column ending	$\varnothing 60 \times 180$ 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)

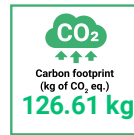
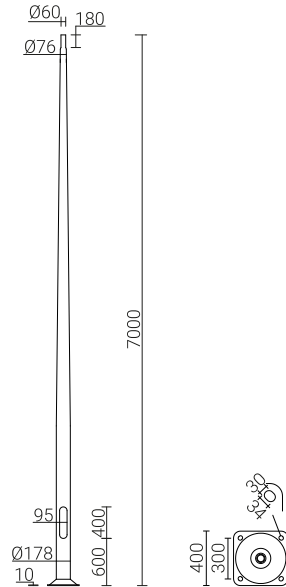


TABLE OF TYPES

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Net weight
42628/C...	SAL-70K	7 m	3.5 mm	0.458 m ³	B-71 / Z-71	311171 / 311271	4012	34.7 kg

STRENGTH TABLE

SAL-70K		Acceptable windage of single luminaire [m ²] for Cx=1			
Code 42628		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Type of extension arm	Permissible weight of a single luminaire	I zone, II Field category	I & III zone, II Field category up to 450m by s.l	II zone, II Field category	III zone, II Field category up to 755m by s.l
-	30	0.93	0.77	0.63	0.54
WA-14/1	10	0.72	0.57	0.44	0.36
WA-14/2	10	0.35	0.27	0.19	0.15
WA-20/1	10	0.49	0.37	0.27	0.21
WA-20/2	10	0.20	0.12	0.06	x
WA-20/1 fi60	15	0.47	0.35	0.25	0.19
WA-20/2 fi60	15	0.18	0.11	0.05	x
WR-2/1/0,95/5	15	0.55	0.44	0.35	0.29
WR-2/2/0,95/5	12	0.34	0.26	0.20	0.16
WR-2/3/0,95/5	10	0.26	0.20	0.15	0.12
WR-4/1/0,6/15	15	0.66	0.54	0.43	0.36
WR-4/2/0,6/15	12	0.39	0.31	0.25	0.21
WR-4/1/0,5/5	15	0.70	0.57	0.46	0.39
WR-4/2/0,5/5	12	0.41	0.33	0.26	0.22
WR-4/1/1,0/5	15	0.58	0.46	0.37	0.30
WR-4/2/1,0/5	12	0.37	0.29	0.22	0.18
WR-4/1/0,6/15 ZP	15	0.66	0.54	0.43	0.36

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SAL-70K		Acceptable windage of single luminaire [m²] for Cx=1			
Code 42628		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Type of extension arm	Permissible weight of a single luminaire	I zone, II Field category	I & III zone, II Field category up to 450m by s.l	II zone, II Field category	III zone, II Field category up to 755m by s.l
WR-4/2/0,6/15 ZP	12	0.39	0.31	0.25	0.21
WR-4/1/0,5/5 ZP	15	0.70	0.57	0.46	0.39
WR-4/2/0,5/5 ZP	12	0.41	0.33	0.26	0.22
WR-4/1/1,0/5 ZP	15	0.58	0.46	0.37	0.30
WR-4/2/1,0/5 ZP	12	0.37	0.29	0.22	0.18
WR-4/1/1,5/5 ZP	15	0.47	0.37	0.29	0.24
WR-4/2/1,5/5 ZP	12	0.33	0.25	0.18	0.14
WR-5A/1/0,6/15	15	0.52	0.41	0.32	0.27
WR-5A/2/0,6/15	12	0.29	0.23	0.17	0.14
WR-5A/1/0,6/5	15	0.52	0.41	0.32	0.26
WR-5A/2/0,6/5	12	0.29	0.23	0.17	0.13
WR-8A/1/0,6/10	15	0.53	0.42	0.33	0.27
WR-8A/1/0,6/5	15	0.52	0.42	0.32	0.27
WR-8A/1/1,0/5	15	0.45	0.35	0.27	0.22
WR-8B/1/0,35/0	15	0.66	0.53	0.43	0.36
WR-8B/1/0,35/5	15	0.66	0.54	0.43	0.36
WR-8B/1/0,35/10	15	0.66	0.54	0.43	0.36
WR-10/1/0,85/0	-	ISKRA LED	ISKRA LED	ISKRA LED	ISKRA LED
WR-10/2/0,85/0	-	ISKRA LED	ISKRA LED	ISKRA LED	ISKRA LED
WR-10P/1/0,85/0	-	ISKRA LED	ISKRA LED	ISKRA LED	ISKRA LED
WR-10P/2/0,85/0	-	ISKRA LED	ISKRA LED	ISKRA LED	ISKRA LED
WR-10P/1/1,5/0	-	ISKRA LED	ISKRA LED	ISKRA LED	ISKRA LED
WR-13/1/0,8/15	15	0.55	0.43	0.32	0.26
WR-13/2/0,8/15	12	0.31	0.23	0.16	0.12
WR-13/1/0,8/5	15	0.54	0.42	0.32	0.26
WR-13/2/0,8/5	12	0.31	0.23	0.16	0.12
WR-13/1/0,8/15 ZP	15	0.55	0.43	0.32	0.26
WR-13/2/0,8/15 ZP	12	0.31	0.23	0.16	0.12
WR-13/1/0,8/5 ZP	15	0.54	0.42	0.32	0.26
WR-13/2/0,8/5 ZP	12	0.31	0.23	0.16	0.12
WR-14/1/1,0/5	15	0.46	0.36	0.28	0.22
WR-14/2/1,0/5	12	0.26	0.19	0.14	0.10
WR-14/1/1,5/5	15	0.38	0.29	0.22	0.17
WR-14/2/1,5/5	12	0.22	0.16	0.10	0.07
WR-15/1/1,0/5	15	0.53	0.42	0.32	0.26
WR-15/2/1,0/5	12	0.33	0.25	0.19	0.14
WR-18/1/1,5/10	15	0.35	0.27	0.19	0.15
WR-18A/1/1,5/10	15	0.29	0.21	0.14	0.11
WR-18/1/1,5/5	15	0.35	0.26	0.19	0.15
WR-18A/1/1,5/5	15	0.29	0.21	0.14	0.10
WR-19/1/1,0/0	15	0.36	0.27	0.19	0.14
WR-19/1/1,0/5	15	0.36	0.27	0.20	0.15
WR-19/2/1,0/0	12	0.20	0.14	0.09	0.06
WR-21/1/1,5/0	15	0.38	0.29	0.21	0.16
WR-21/2/1,5/0	12	0.25	0.18	0.12	0.08
WR-71/1/1,2	15	0.48	0.37	0.28	0.22
WR-71/2/1,2	15	0.26	0.19	0.13	0.09
WR-T1/1,5/5	15	0.40	0.31	0.23	0.18
WR-T2/1,5/5	12	0.25	0.18	0.12	0.08
WRP1/1,0/0,7/5	15	0.51	0.40	0.31	0.26

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Type of extension arm	Permissible weight of a single luminaire	I zone, II Field category	I & III zone, II Field category up to 450m by s.I	II zone, II Field category	III zone, II Field category up to 755m by s.I
WRP1/1,0/1,2/5	15	0.43	0.33	0.25	0.20
WRP1/1,5/0,7/5	15	0.42	0.33	0.25	0.20
WRP1/1,5/1,2/5	15	0.35	0.26	0.19	0.15
WRP2/1,0/0,7/5	12	0.31	0.24	0.18	0.14
WRP2/1,0/1,2/5	12	0.25	0.18	0.13	0.09
WRP2/1,5/0,7/5	12	0.28	0.21	0.14	0.11
WRP2/1,5/1,2/5	12	0.21	0.15	0.09	0.06
WRP3/1,0/0,7/5	7	0.26	0.20	0.15	0.12
WRP3/1,0/1,2/5	7	0.20	0.15	0.11	0.08
WRP3/1,5/0,7/5	6	0.23	0.17	0.12	0.09
WRP3/1,5/1,2/5	6	0.18	0.13	0.08	0.06
WN-1	15	0.94	0.77	0.62	0.53
WN-2	12	0.44	0.36	0.29	0.25
WN-21	12	0.40	0.32	0.25	0.21
WN-3	10	0.34	0.28	0.22	0.19
WN-21 REG	12	0.36	0.28	0.21	0.17