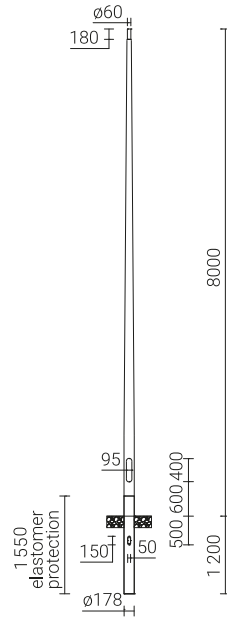


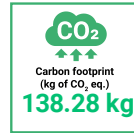
# Aluminium column SAL-80K DZ

178 mm at the ground



## 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>Levels of energy absorption according to EN 12767:2019</b>	50-NE-C-S-SE-MD-0, 70-NE-C-S-SE-MD-0, 100-NE-C-S-SE-MD-0
<b>Diameter at the base plate</b>	178 mm
<b>Finish</b>	brushed anodised aluminium, option of elastomer protection in column's colour up to a height of 350 mm (other height on customer's request)
<b>Ingress protection</b>	IP54 for wire chamber
<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 TYPES

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Net weight
42606/C...	SAL-80K dz	8 m	3.5 mm	0.127 m <sup>3</sup>	40.5 kg

## STRENGTH TABLE

SAL-80K dz		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1			
Code 42606		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	0.63	0.50	0.40	0.33
WA-14/1	10	0.46	0.35	0.25	0.19
WA-14/2	10	0.20	0.13	0.08	0.04
WA-20/1	10	0.29	0.20	0.12	0.07
WA-20/2	10	0.07	x	x	x
WA-20/1 fi60	15	0.28	0.18	0.10	0.06
WA-20/2 fi60	15	0.05	x	x	x
WR-2/1/0,95/5	15	0.37	0.28	0.21	0.16
WR-2/2/0,95/5	12	0.20	0.15	0.10	0.07
WR-2/3/0,95/5	10	0.15	0.11	0.07	0.05
WR-4/1/0,6/15	15	0.45	0.35	0.27	0.22
WR-4/2/0,6/15	12	0.25	0.19	0.14	0.11
WR-4/1/0,5/5	15	0.48	0.38	0.29	0.24
WR-4/2/0,5/5	12	0.27	0.20	0.15	0.12
WR-4/1/1,0/5	15	0.39	0.30	0.22	0.18
WR-4/2/1,0/5	12	0.22	0.16	0.11	0.08
WR-4/1/0,6/15 ZP	15	0.45	0.35	0.27	0.22
WR-4/2/0,6/15 ZP	12	0.25	0.19	0.14	0.11
WR-4/1/0,5/5 ZP	15	0.48	0.38	0.29	0.24

# Aluminium column SAL-80K DZ

178 mm at the ground



SAL-80K dz		Acceptable windage of single luminaire [m²] for Cx=1			
Code 42606		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-4/2/0,5/5 ZP	12	0.27	0.20	0.15	0.12
WR-4/1/1,0/5 ZP	15	0.39	0.30	0.22	0.18
WR-4/2/1,0/5 ZP	12	0.22	0.16	0.11	0.08
WR-5A/1/0,6/15	15	0.35	0.26	0.19	0.14
WR-5A/2/0,6/15	12	0.18	0.12	0.08	0.05
WR-5A/1/0,6/5	15	0.34	0.25	0.18	0.14
WR-5A/2/0,6/5	12	0.18	0.12	0.08	0.05
WR-8A/1/0,6/10	15	0.35	0.26	0.19	0.14
WR-8A/1/0,6/5	15	0.35	0.26	0.19	0.14
WR-8A/1/1,0/5	15	0.29	0.21	0.15	0.11
WR-8B/1/0,35/0	15	0.45	0.35	0.26	0.21
WR-8B/1/0,35/5	15	0.45	0.35	0.26	0.21
WR-8B/1/0,35/10	15	0.45	0.35	0.27	0.22
WR-13/1/0,8/15	15	0.35	0.25	0.17	0.12
WR-13/2/0,8/15	12	0.16	0.10	0.05	x
WR-13/1/0,8/5	15	0.35	0.25	0.17	0.12
WR-13/2/0,8/5	12	0.16	0.10	0.05	x
WR-13/1/0,8/15 ZP	15	0.35	0.25	0.17	0.12
WR-13/2/0,8/15 ZP	12	0.16	0.10	0.05	x
WR-13/1/0,8/5 ZP	15	0.35	0.25	0.17	0.12
WR-13/2/0,8/5 ZP	12	0.16	0.10	0.05	x
WR-14/1/1,0/5	15	0.30	0.22	0.15	0.11
WR-14/2/1,0/5	12	0.14	0.09	0.05	x
WR-14/1/1,5/5	15	0.24	0.17	0.11	0.07
WR-14/2/1,5/5	12	0.11	0.06	x	x
WR-15/1/1,0/5	15	0.34	0.25	0.17	0.13
WR-15/2/1,0/5	12	0.19	0.13	0.08	x
WR-18/1/1,5/10	15	0.22	0.14	0.08	0.05
WR-18/1/1,5/5	15	0.21	0.14	0.08	0.05
WR-21/1/1,5/0	15	0.23	0.15	0.09	0.05
WR-21/2/1,5/0	12	0.12	0.07	x	x
WR-71/1/1,2	15	0.30	0.21	0.13	0.09
WR-71/2/1,2	15	0.13	0.07	x	x
WR-T1/1,5/5	15	0.25	0.17	0.11	0.07
WR-T2/1,5/5	12	0.12	0.06	x	x
WRP1/1,0/0,7/5	15	0.34	0.25	0.18	0.14
WRP1/1,0/1,2/5	15	0.27	0.19	0.12	0.08
WRP1/1,5/0,7/5	15	0.27	0.19	0.13	0.09
WRP1/1,5/1,2/5	15	0.21	0.14	0.08	x
WRP2/1,0/0,7/5	12	0.18	0.13	0.08	0.05
WRP2/1,0/1,2/5	12	0.13	0.08	x	x
WRP2/1,5/0,7/5	12	0.15	0.09	x	x
WRP2/1,5/1,2/5	12	0.10	0.05	x	x
WRP3/1,0/0,7/5	7	0.15	0.10	0.07	x
WRP3/1,0/1,2/5	7	0.11	0.07	x	x
WRP3/1,5/0,7/5	6	0.13	0.08	x	x
WRP3/1,5/1,2/5	6	0.09	0.05	x	x
WN-1	15	0.63	0.50	0.39	0.32
WN-2	12	0.29	0.23	0.18	0.15
WN-3	10	0.22	0.17	0.13	0.11

# Aluminium column SAL-80K DZ

178 mm at the ground



SAL-80K dz		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1			
Code 42606		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.I	II zone, II Field category	III zone, II Field category up to 755m by s.I
WN-21	12	0.25	0.19	0.14	0.11
WN-21 REG	12	0.21	0.15	0.10	0.07