

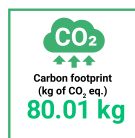
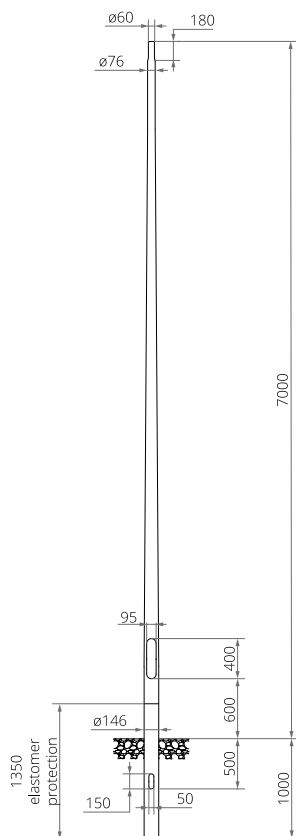
# Aluminium column SAL-70 DZ

146 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>Performance under vehicle impact (passive safety)</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>	146 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), 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>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 VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Net weight
42325/C...	SAL-70 dz	7 m	4.2 mm	0.082 m <sup>3</sup>	34.9 kg

## STRENGTH TABLE

SAL-70 dz		Acceptable windage of single luminaire[m <sup>2</sup> ] for Cx=1				
code 42325			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.
-	-	30	0,58	0,46	0,36	0,29
471141	WA-14/1	10	0,38	0,27	0,19	0,13
471142	WA-14/2	8	0,18	0,11	0,06	x
471201	WA-20/1	10	0,21	0,13	0,06	x
471031	WA-31 fi42	10	0,17	0,10	x	x
472021	WR-2/1/0,95/5	15	0,28	0,21	0,14	0,11
472022	WR-2/2/0,95/5	15	0,17	0,12	0,07	x
472041	WR-4/1/0,6/15	15	0,36	0,27	0,20	0,16
472042	WR-4/2/0,6/15	15	0,22	0,16	0,11	0,08
47204105	WR-4/1/0,5/5	15	0,39	0,30	0,22	0,18
47204205	WR-4/2/0,5/5	15	0,23	0,17	0,12	0,09
47204110	WR-4/1/1,0/5	15	0,29	0,22	0,15	0,12
47204210	WR-4/2/1,0/5	15	0,19	0,13	0,08	0,05
4720419	WR-4/1/0,6/15 ZP	15	0,36	0,27	0,20	0,16
4720429	WR-4/2/0,6/15 ZP	15	0,22	0,16	0,11	0,08
472041059	WR-4/1/0,5/5 ZP	15	0,39	0,30	0,22	0,18
472042059	WR-4/2/0,5/5 ZP	15	0,23	0,17	0,12	0,09

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SAL-70 dz			Acceptable windage of single luminaire[m²] for Cx=1			
code 42325			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.
472041109	WR-4/1/1,0/5 ZP	15	0,29	0,22	0,15	0,12
472042109	WR-4/2/1,0/5 ZP	15	0,19	0,13	0,08	0,05
472041159	WR-4/1/1,5/5 ZP	15	0,22	0,16	0,10	0,07
472501	WR-5A/1/0,6/15	15	0,27	0,19	0,13	0,09
472502	WR-5A/2/0,6/15	15	0,14	0,09	0,05	x
47250106	WR-5A/1/0,6/5	15	0,26	0,19	0,13	0,09
47250206	WR-5A/2/0,6/5	15	0,14	0,09	0,05	x
472801	WR-8A/1/0,6/10	15	0,27	0,19	0,13	0,10
47280106	WR-8A/1/0,6/5	15	0,27	0,19	0,13	0,09
472831	WR-8B/1/0,35/0	15	0,37	0,28	0,20	0,16
472841	WR-8B/1/0,35/5	15	0,37	0,28	0,20	0,16
472851	WR-8B/1/0,35/10	15	0,37	0,28	0,21	0,16
472221	WR-10/1/0,85/0	-			ISKRA LED	
472222	WR-10/2/0,85/0	-			ISKRA LED	
4722419	WR-10P/1/0,85/0 ZP	-			ISKRA LED	
4722429	WR-10P/2/0,85/0 ZP	-			ISKRA LED	
4722519	WR-10P/1/1,5/0 ZP	-			ISKRA LED	
472151	WR-15/1/1,0/5	15	0,25	0,18	0,11	0,08
472152	WR-15/2/1,0/5	15	0,16	0,10	0,05	x
472211	WR-21/1/1,5/0	15	0,15	0,09	x	x
472231	WR-23/1/0,76	15	0,28	0,19	0,12	0,08
472231/42	WR-23/1/0,76 fi42	15	0,28	0,19	0,12	0,08
47219111	WRP 1/1,0/0,7/5	15	0,25	0,18	0,12	0,08
47219121	WRP 1/1,5/0,7/5	15	0,19	0,12	0,07	0,04
473010	WN-1	15	0,58	0,45	0,34	0,28
473020	WN-2	15	0,26	0,20	0,15	0,12

## ANODISING COLOURS

