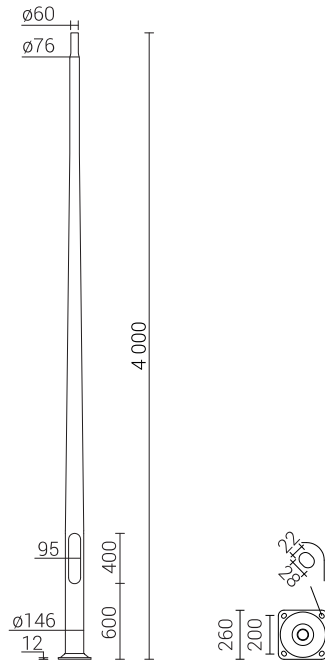


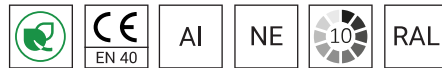
# Aluminium column SAL-40G

146 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>Performance under vehicle impact (passive safety)</b>	50-NE-B-S-SE-MD-0, 70-NE-B-S-SE-MD-0, 100-NE-B-S-SE-MD-0
<b>Diameter at the base plate</b>	146 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	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Net weight
42342/C...	SAL-40G	4 m	4.2 mm	0.124 m <sup>3</sup>	B-51 / Z-51	311151 / 311251	4008	19.7 kg

## STRENGTH TABLE

SAL-40G		Acceptable windage of single luminaire [m <sup>2</sup> >] for Cx=1				
Code 42342		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	
-	30	1,59	1,33	1,11	0,97	
WA-20/1	10	0,84	0,68	0,55	0,46	
WA-20/2	8	0,44	0,34	0,25	0,19	
WR-2/1/0,95/5	15	0,82	0,68	0,56	0,49	
WR-2/2/0,95/5	15	0,60	0,49	0,40	0,34	
WR-2/3/0,95/5	10	0,48	0,39	0,31	0,27	
WR-4/1/0,6/15	15	1,04	0,88	0,73	0,64	
WR-4/2/0,6/15	15	0,68	0,56	0,46	0,40	
WR-4/1/0,5/5	15	1,14	0,96	0,80	0,70	
WR-4/2/0,5/5	15	0,72	0,60	0,49	0,42	
WR-4/1/1,0/5	15	0,85	0,71	0,59	0,51	
WR-4/2/1,0/5	15	0,67	0,55	0,44	0,38	
WR-4/1/0,6/15 ZP	15	1,04	0,88	0,73	0,64	
WR-4/2/0,6/15 ZP	15	0,68	0,56	0,46	0,40	
WR-4/1/0,5/5 ZP	15	1,14	0,96	0,80	0,70	
WR-4/2/0,5/5 ZP	15	0,72	0,60	0,49	0,42	
WR-4/1/1,0/5 ZP	15	0,85	0,71	0,59	0,51	

# Aluminium column SAL-40G

146 mm at the base plate



SAL-40G		Acceptable windage of single luminaire [m²>] for Cx=1			
Code 42342		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
WR-4/2/1,0/5 ZP	15	0,67	0,55	0,44	0,38
WR-4/1/1,5/5 ZP	15	0,66	0,55	0,45	0,39
WR-4/2/1,5/5 ZP	15	0,62	0,50	0,40	0,34
WR-7/1/0,5	15	1,32	1,10	0,92	0,80
WR-7/2/0,5	15	0,68	0,56	0,46	0,40
WR-10/1/0,85/0	-			ISKRA LED	
WR-10/2/0,85/0	-			ISKRA LED	
WR-10P/1/0,85/0 ZP	-			ISKRA LED	
WR-10P/2/0,85/0 ZP	-			ISKRA LED	
WR-10P/1/1,5/0 ZP	-			ISKRA LED	
WR-14/1/1,0/5	15	0,67	0,56	0,45	0,39
WR-14/2/1,0/5	15	0,45	0,36	0,28	0,23
WR-14/1/1,5/5	15	0,53	0,44	0,35	0,30
WR-14/2/1,5/5	15	0,41	0,32	0,25	0,20
WR-23/1/0,76 fi42	15	0,98	0,81	0,66	0,57
WR-73/1/0,5	15	1,23	1,03	0,86	0,75
WN-1	15	1,58	1,32	1,10	0,96
WN-2	15	0,75	0,63	0,52	0,45
WN-21	15	0,71	0,59	0,48	0,41
WN-21 REG	15	0,65	0,53	0,43	0,36
WN-3	10	0,60	0,50	0,41	0,36