

Aluminium column SAL-90M EV



180 mm at the base plate

TECHNICAL DATA

Anodising	10 colours
Luminaire mounting	directly on the column or via an extension arm, luminaires with $\varnothing 60$ mm mounting with weight and surface parameters not exceeding the data from the strength table included in the technical data sheet
Finish	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
Charging socket	IEC62196 Type-2
Types of protection	Current circuit breaker and residual current circuit breaker type A (optional RCD type B or RCD type EV)
The protection degree of electrical chamber	IP 54
Communication	2G, 3G, 4G, LAN
Electricity measurement	Electricity meter according to the MID directive
Network layout	TT, TN-S, TNC-S
The possibility of integration with the operator's system	OCPP v.1.6
Standard for charging stations	PN-EN IEC 61851-1:2019
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)

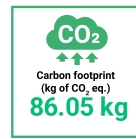
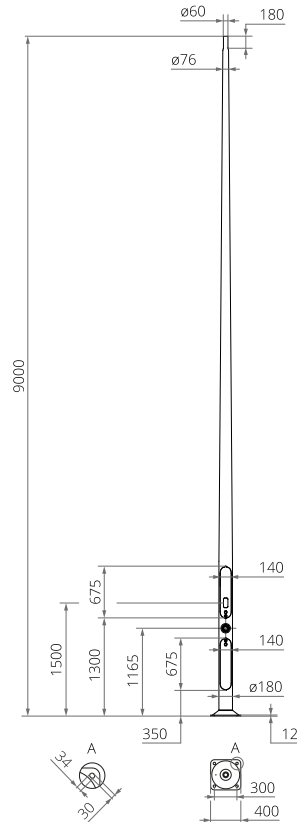


TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Charging point rated powers	Net weight
42777/22/C...	SAL-90M EV 22	9 m	4.3 mm	B-71, B-70 / Z-71, Z-70	311171, 311170 / 311271, 311207	4012	22 kW	57 kg
42777/11/C...	SAL-90M EV 11	9 m	4.3 mm	B-71, B-70 / Z-71, Z-70	311171, 311170 / 311271, 311207	4012	11 kW	57 kg
42777/07/C...	SAL-90M EV 7,4	9 m	4.3 mm	B-71, B-70 / Z-71, Z-70	311171, 311170 / 311271, 311207	4012	7.4 kW	57 kg
42777/03/C...	SAL-90M EV 3,7	9 m	4.3 mm	B-71, B-70 / Z-71, Z-70	311171, 311170 / 311271, 311207	4012	3.7 kW	57 kg

SAL-90M EV

Acceptable windage of single luminaire [m²] for Cx=1

Type of extension arm	Permissible weight of a single luminaire	Code 42777			
		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
		I zone, III Field category	I & III zone, III Field category up to 450m by s.I	II zone, III Field category	III zone, III Field category up to 755m by s.I
WR-4/1/0,5/5	15	0.31	0.23	0.16	0.13
WR-4/1/1,0/5	15	0.22	0.15	0.10	0.07
WR-4/1/0,5/5 ZP	15	0.31	0.23	0.16	0.13
WR-4/1/1,0/5 ZP	15	0.22	0.15	0.10	0.07
WR-15/1/1,0/5	15	0.18	0.12	0.06	0.04
WRP1/1,0/0,7/5	15	0.18	0.13	0.07	0.05