

Aluminium column SAL-100M EV 3,7

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 in column's colour up to a height of 350 mm (other height on 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)



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
42779/03/C...	SAL-100M EV 3,7	10 m	4.3 mm	B-71, B-70 / Z-71, Z-70	311171, 311170 / 311271, 311207	4012	3.7 kW	60.7 kg

SAL-100M EV		Acceptable windage of single luminaire [m ²] for Cx=1			
Code 42779		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, 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	0.19	0.13	0.07	0.04
WR-4/1/1,0/5	15	0.12	0.07	0.03	0.01
WR-4/1/0,5/5 ZP	15	0.19	0.13	0.07	0.04
WR-4/1/1,0/5 ZP	15	0.12	0.07	0.03	0.01
WR-15/1/1,0/5	15	0.09	0.03	x	x
WRP1/1,0/0,7/5	15	0.10	0.05	0.10	x