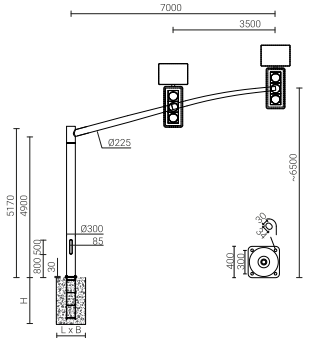
Aluminium column SAL SYG 300-6,5-7

300 mm at the base plate



TECHNICAL DATA

Anodising	10 colours
Packing	sleeve material
Diameter at the base plate	300 mm
Finish	brushed anodised aluminium - anode coating thickness is 20µm as standard (coating thicness of 25µm 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
Purpose	-

Carbon footprint (kg of CO_2 eq.)
407.47 kg

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TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Net weight
42861/C...	SAL SYG 300-6,5-7	6.5 m	6 mm	1.86 m³	Z-81	311281	4012	203 kg

STRENGTH TABLE

SAL SYG 300-6,5-7	Acceptable windage of traffic signal lights and signs [m2] for Cx=1,2			
code 42861	Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Acceptable mass of single traffic signal light [kg]	I zone, III Field category up to	I & III zone, III Field category up to 450m by s.l	II zone, III Field category up to	III zone, III Field category up to 755m by s.l
25 [kg]	2,42[1)]	2,11[1)]	1,68[1)]	1,54[1)]

[1)] Increasing the weight of the traffic lights set affects the load capacity of the column and reduces the permissible surface of the the traffic lights set, which requires the analysis of the column in terms of strength and determination of a new permissible surface of the set.

[2)] In order to determine the foundation dimensions, please send the catalog cards of the equipment that will be installed on the column and its arrangement. For the values presented in the chart and the arrangement of signaling devices as shown in the diagram below, it is recommended to make a cast foundation with dimensions LxBxH = 1x1x1.6m.

ANODISING COLOURS

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