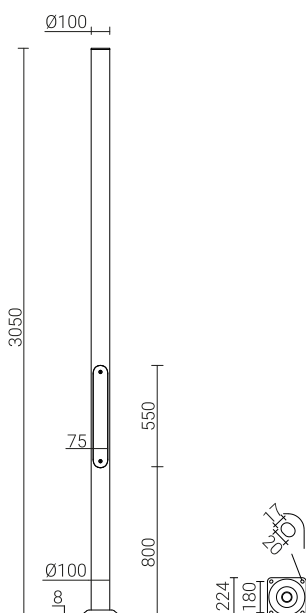


Aluminium column SAL SYG CYL 100-3,05



100 mm at the base plate



TECHNICAL DATA

Anodising	10 colours
Packing	sleeve material
Diameter at the base plate	100 mm
Finish	shot blasted anodised aluminium - anode coating thickness is 20µm as standard (coating thickness 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
Ingress protection	IP54 for wire chamber
Purpose	designed for hanging traffic lights at road intersections, pedestrian crossings etc.
	-

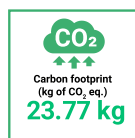


TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Concrete footing / reinforcement/ basket type	Concrete footing reinforcement basket code	Fasteners	Net weight
42807/C...	SAL SYG CYL 100-3,05	3.1 m	2.4 mm	0.153 m³	B-50 / Z-50	311150 / 311205	4006	7.9 kg

STRENGTH TABLE

SAL SYG CYL 100-3,05		Acceptable windage of traffic signal lights and signs [m²] for Cx=1,2			
code 42807		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, II Field category up to	I & III zone, II Field category up to 450m by s.l	II zone, II Field category up to	III zone, II Field category up to 755m by s.l
10 [kg] ¹⁾		0,27	0,215	0,175	0,15

¹⁾ Increasing the weight of the traffic lights set affects the load capacity of the column and reduces the permissible surface of 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.

ANODISING COLOURS

