

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), elastomer protection in column's colour up to a height of 350 mm (other height on customer's request)
Ingress protection	IP54 for wire chamber
Purpose	designed for hanging traffic lights at road intersections, pedestrian crossings etc.

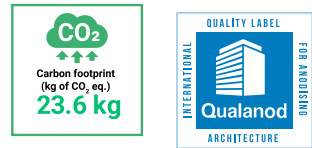


TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Net weight
42877/C...	SAL SYG CYL 100-3,05 dz	3 050 mm	2.4 mm	0.039 m³	8.7 kg

STRENGTH TABLE

SAL SYG CYL 100-3,05 dz		Acceptable windage of traffic signal lights and signs [m2] for Cx=1,2			
code 42875		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

