


Technical data

Aluminium Column	SAL SYG 4,2-B146
Product code	42823
Column height H [m]	4,2
Wall thickness [mm]	4,2
Net weight [kg]	18,1
Volume [m ³]	0,139
Post top column	traffic signal lights and signs with $\varnothing 90$ spigot entry with weight and windage not exceeding data in resistance calculations
Concrete footing / reinforcement basket	B-51 / Z-51
Concrete footing code / reinforcement basket code	311151 / 311251
Hot galvanized nut set / Hot galvanized ripable nut set	4008 / 4009

Resistance calculations

SAL SYG 4,2-B146 Code 42823	acceptable windage of traffic signal lights and signs [m ²] for $C_x=1,2$			
	Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
acceptable mass of single traffic signal light and signs [kg]	I zone, II location category	I and III zone, II location category to 450m AMSL	II zone, II location category	III zone, II location category to 755m AMSL
30	0,60	0,50	0,41	0,35

Notice:

Traffic signal light has got windage:

- for lens diameter 210: 0,22 m²,
- for lens diameter 300: 0,39 m².

Traffic signal light with screen dimensions 1,4m x 0,85m has got windage 1,19 m².

- surface: polished aluminium
- option of anodising in 10 colours, each with possibility of brightening
- option of powder painting in RAL colours (other colours available on request)
- elastomer protection option in the color of the column to a height of 350 mm (other height on request)
- packing: sleeve material

