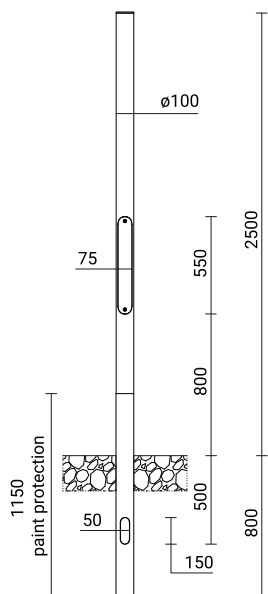


# Aluminium column SAL SYG CYL 100-2,5 DZ

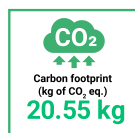


100 mm at the ground



## TECHNICAL DATA

|                                   |                                                                                                                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Anodising</b>                  | 10 colours                                                                                                                                                                                                                        |
| <b>Packing</b>                    | sleeve material                                                                                                                                                                                                                   |
| <b>Diameter at the base plate</b> | 100 mm                                                                                                                                                                                                                            |
| <b>Finish</b>                     | 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) |
| <b>Ingress protection</b>         | IP54 for wire chamber                                                                                                                                                                                                             |
| <b>Purpose</b>                    | 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 |
|------------|------------------------|--------------------------|----------------|-------------|------------|
| 42875/C... | SAL SYG CYL 100-2,5 dz | 2.5 m                    | 2.4 mm         | 0.033 m³    | 7.5 kg     |

## STRENGTH TABLE

| SAL SYG CYL 100-2,5 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.I | II zone, II Field category up to | III zone, II Field category up to 755m by s.I |
| 10 [kg] <sup>1)</sup>                               | 0,33                                                                  | 0,29                                              | 0,225                            | 0,195                                         |

<sup>1)</sup> 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

