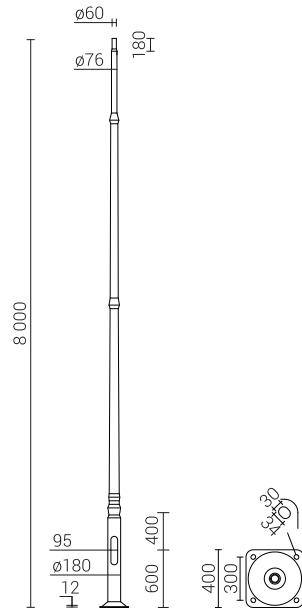


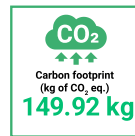
# Aluminium column SAL DP-807M

180 mm at the base plate



## TECHNICAL DATA

|                                                          |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Anodising</b>                                         | 10 colours                                                                                                                                                                                                                                                                                                                          |
| <b>Luminaire mounting</b>                                | directly on the column, luminaires with mounting $\varnothing 60$ mm with weight and surface parameters not exceeding the data from the strength table included in the technical data sheet                                                                                                                                         |
| <b>Extension arm type</b>                                | according to resistance calculations                                                                                                                                                                                                                                                                                                |
| <b>Packing</b>                                           | sleeve material                                                                                                                                                                                                                                                                                                                     |
| <b>Performance under vehicle impact (passive safety)</b> | 50-NE-C-S-SE-MD-0,<br>70-NE-C-S-SE-MD-0,<br>100-NE-C-S-SE-MD-0                                                                                                                                                                                                                                                                      |
| <b>Diameter at the base plate</b>                        | 180 mm                                                                                                                                                                                                                                                                                                                              |
| <b>Finish</b>                                            | brushed anodised aluminium - anode coating thickness is $20\mu\text{m}$ as standard (coating thickness of $25\mu\text{m}$ is also possible), option of elastomer protection in column's colour up to a height of 350 mm (other height on customer's request) - the thickness of the protective coating ranges from 0.8 mm to 1.2 mm |
| <b>Ending</b>                                            | -                                                                                                                                                                                                                                                                                                                                   |
| <b>Diameter of the column ending</b>                     | $\varnothing 60 \times 180$ mm adapted to the installation of ROSA extension arms (with the effect of a facing head) and ROSA luminaires (according to the assembly parameter included in the luminaire technical data sheet)                                                                                                       |



## 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 |
|------------|-------------|--------------------------|----------------|----------------------|----------------------------------------------|----------------------------------------------|-----------|------------|
| 42974/C... | SAL DP-807M | 8 m                      | 4.2 mm         | 0.537 m <sup>3</sup> | B-71, B-70 / Z-71, Z-70                      | 311171, 311170 / 311271, 311207              | 4012      | 44.2 kg    |

## STRENGTH TABLE

| SAL DP-807M        |                                          | Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1 |                                                   |                                  |                                               |
|--------------------|------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|----------------------------------|-----------------------------------------------|
| code 42974         |                                          | Vref. = 22 m/s                                                    | Vref. = 24 m/s                                    | Vref. = 26 m/s                   | Vref. = 28 m/s                                |
| Extension arm type | Permissible weight of a single luminaire | 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 |
| -                  | 50                                       | 0.70                                                              | 0.57                                              | 0.46                             | 0.39                                          |
| WA-17/1            | 10                                       | 0.48                                                              | 0.35                                              | 0.24                             | 0.18                                          |
| WA-17/1 60         | 15                                       | 0.40                                                              | 0.29                                              | 0.19                             | 0.13                                          |
| WA-20/1            | 10                                       | 0.52                                                              | 0.38                                              | 0.27                             | 0.20                                          |
| WA-20/2            | 10                                       | 0.13                                                              | 0.07                                              | x                                | x                                             |
| WA-20/1 fi60       | 15                                       | 0.49                                                              | 0.36                                              | 0.25                             | 0.18                                          |
| WA-20/2 fi60       | 12.5                                     | 0.125                                                             | 0.06                                              | x                                | x                                             |
| WR-23/1/0,76 fi42  | 15                                       | 0.60                                                              | 0.46                                              | 0.34                             | 0.27                                          |
| WR-23/1/0,76       | 15                                       | 0.60                                                              | 0.46                                              | 0.34                             | 0.27                                          |
| WR-71/1/1,2        | 15                                       | 0.53                                                              | 0.40                                              | 0.30                             | 0.23                                          |
| WR-71/2/1,2        | 15                                       | 0.23                                                              | 0.16                                              | 0.10                             | 0.06                                          |

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180 mm at the base plate



## ANODISING COLOURS

