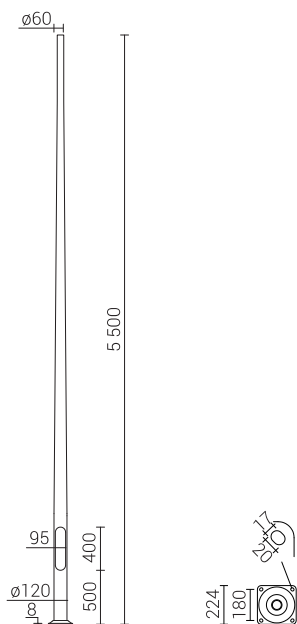


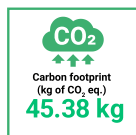
# Aluminium column SAL-5,5

120 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-B-S-SE-MD-0,<br>70-NE-B-S-SE-MD-0,<br>100-NE-B-S-SE-MD-0                                                                                                                                                                                                                                                                                                                                                      |
| <b>Diameter at the base plate</b>                        | 120 mm                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Finish</b>                                            | brushed anodised aluminium - anode coating thickness is 20 $\mu$ m as standard (coating thickness of 25 $\mu$ m 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 |
| <b>Ingress protection</b>                                | IP54 for wire chamber                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Diameter of the column ending</b>                     | $\varnothing 60$ mm                                                                                                                                                                                                                                                                                                                                                                                                 |



## 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 |
|------------|---------|--------------------------|----------------|----------------------|----------------------------------------------|----------------------------------------------|-----------|------------|
| 42205/C... | SAL-5,5 | 5.5 m                    | 4 mm           | 0.123 m <sup>3</sup> | B-50 / Z-50                                  | 311150 / 311205                              | 4006      | 19.6 kg    |

## STRENGTH TABLE

| SAL-5,5               |                       |                                               | Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1 |                                                     |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42205            |                       |                                               | Vref. = 22 m/s                                                    | Vref. = 24 m/s                                      | Vref. = 26 m/s               | Vref. = 28 m/s                                  |
| code of extension arm | type of extension arm | permissible weight of a single luminaire [kg] | zone I, terrain category II                                       | zone I & III, terrain category II up to 450m a.s.l. | zone II, terrain category II | zone III, terrain category II up to 755m a.s.l. |
| -                     | -                     | 20                                            | 0,35                                                              | 0,27                                                | 0,20                         | 0,15                                            |
| 471040                | WA-4                  | 10                                            | 0,16                                                              | 0,08                                                | x                            | x                                               |
| 471051                | WA-5/1                | 10                                            | 0,14                                                              | 0,09                                                | x                            | x                                               |
| 471141                | WA-14/1               | 10                                            | 0,18                                                              | 0,12                                                | 0,06                         | x                                               |
| 472041                | WR-4/1/0,6/15         | 15                                            | 0,18                                                              | 0,13                                                | 0,09                         | 0,07                                            |
| 472042                | WR-4/2/0,6/15         | 8                                             | 0,11                                                              | 0,07                                                | x                            | x                                               |
| 47204105              | WR-4/1/0,5/5          | 15                                            | 0,20                                                              | 0,15                                                | 0,11                         | 0,08                                            |
| 47204205              | WR-4/2/0,5/5          | 8                                             | 0,12                                                              | 0,08                                                | 0,05                         | x                                               |
| 4720419               | WR-4/1/0,6/15 ZP      | 15                                            | 0,18                                                              | 0,13                                                | 0,09                         | 0,07                                            |
| 4720429               | WR-4/2/0,6/15 ZP      | 8                                             | 0,11                                                              | 0,07                                                | x                            | x                                               |
| 472041059             | WR-4/1/0,5/5 ZP       | 15                                            | 0,20                                                              | 0,15                                                | 0,11                         | 0,08                                            |
| 472042059             | WR-4/2/0,5/5 ZP       | 8                                             | 0,12                                                              | 0,08                                                | 0,05                         | x                                               |
| 4722419               | WR-10P/1/0,85/0 ZP    | -                                             | ISKRA LED                                                         |                                                     |                              |                                                 |
| 4722429               | WR-10P/2/0,85/0 ZP    | -                                             | ISKRA LED                                                         |                                                     |                              |                                                 |
| 473010                | WN-1                  | 15                                            | 0,31                                                              | 0,23                                                | 0,16                         | 0,11                                            |
| 473020                | WN-2                  | 8                                             | 0,15                                                              | 0,11                                                | 0,07                         | 0,05                                            |

# Aluminium column SAL-5,5

120 mm at the base plate



## ANODISING COLOURS

