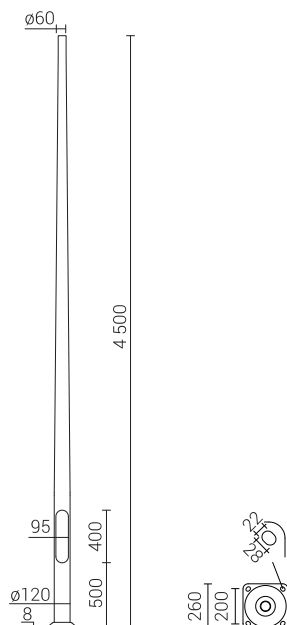


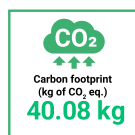
# Aluminium column SAL-4,5E

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 |
|------------|----------|--------------------------|----------------|---------------------|----------------------------------------------|----------------------------------------------|-----------|------------|
| 42218/C... | SAL-4,5E | 4.5 m                    | 4 mm           | 0.13 m <sup>3</sup> | B-51 / Z-51                                  | 311151 / 311251                              | 4008      | 16.8 kg    |

## STRENGTH TABLE

| SAL-4,5E              |                       |                                               | Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1 |                                                    |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42218            |                       |                                               | 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                                            | 0,64                                                              | 0,52                                               | 0,42                         | 0,35                                            |
| 471040                | WA-4                  | 10                                            | 0,40                                                              | 0,29                                               | 0,20                         | 0,15                                            |
| 471051                | WA-5/1                | 10                                            | 0,26                                                              | 0,20                                               | 0,14                         | 0,11                                            |
| 471052                | WA-5/2                | 8                                             | 0,13                                                              | 0,09                                               | 0,05                         | x                                               |
| 471141                | WA-14/1               | 10                                            | 0,33                                                              | 0,25                                               | 0,18                         | 0,14                                            |
| 471142                | WA-14/2               | 8                                             | 0,19                                                              | 0,13                                               | 0,08                         | 0,04                                            |
| 471201                | WA-20/1               | 10                                            | 0,15                                                              | 0,10                                               | 0,05                         | x                                               |
| 471041                | WA-41 fi42            | 10                                            | 0,41                                                              | 0,31                                               | 0,22                         | 0,16                                            |
| 472041                | WR-4/1/0,6/15         | 15                                            | 0,28                                                              | 0,23                                               | 0,17                         | 0,14                                            |
| 472042                | WR-4/2/0,6/15         | 8                                             | 0,25                                                              | 0,19                                               | 0,14                         | 0,11                                            |
| 47204105              | WR-4/1/0,5/5          | 15                                            | 0,32                                                              | 0,25                                               | 0,20                         | 0,16                                            |
| 47204205              | WR-4/2/0,5/5          | 8                                             | 0,27                                                              | 0,21                                               | 0,16                         | 0,12                                            |
| 4720419               | WR-4/1/0,6/15 ZP      | 15                                            | 0,28                                                              | 0,23                                               | 0,17                         | 0,14                                            |
| 4720429               | WR-4/2/0,6/15 ZP      | 8                                             | 0,25                                                              | 0,19                                               | 0,14                         | 0,11                                            |
| 472041059             | WR-4/1/0,5/5 ZP       | 15                                            | 0,32                                                              | 0,25                                               | 0,20                         | 0,16                                            |
| 472042059             | WR-4/2/0,5/5 ZP       | 8                                             | 0,27                                                              | 0,21                                               | 0,16                         | 0,12                                            |
| 472071                | WR-7/1/0,5            | 15                                            | 0,37                                                              | 0,30                                               | 0,23                         | 0,19                                            |
| 472072                | WR-7/2/0,5            | 8                                             | 0,25                                                              | 0,19                                               | 0,14                         | 0,11                                            |
| 472831                | WR-8B/1/0,35/0        | 12                                            | 0,31                                                              | 0,25                                               | 0,19                         | 0,16                                            |
| 472841                | WR-8B/1/0,35/5        | 12                                            | 0,31                                                              | 0,25                                               | 0,19                         | 0,16                                            |
| 472851                | WR-8B/1/0,35/10       | 12                                            | 0,32                                                              | 0,25                                               | 0,19                         | 0,16                                            |

# Aluminium column SAL-4,5E

120 mm at the base plate



| SAL-4,5E              |                       |                                               | Acceptable windage of single luminaire [m²] for Cx=1 |                                                    |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42218            |                       |                                               | 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. |
| 4722419               | WR-10P/1/0,85/0 ZP    | -                                             |                                                      | ISKRA LED                                          |                              |                                                 |
| 4722429               | WR-10P/2/0,85/0 ZP    | -                                             |                                                      | ISKRA LED                                          |                              |                                                 |
| 473010                | WN-1                  | 15                                            | 0,60                                                 | 0,48                                               | 0,37                         | 0,31                                            |
| 473020                | WN-2                  | 8                                             | 0,29                                                 | 0,23                                               | 0,18                         | 0,15                                            |

## ANODISING COLOURS

