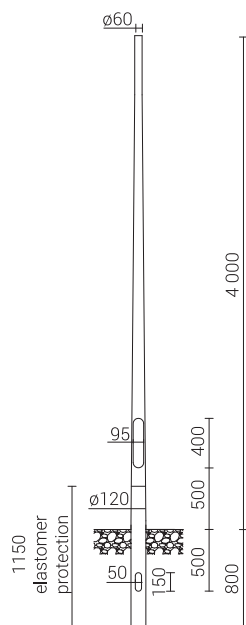


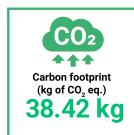
# Aluminium column SAL-4 DZ

120 mm at the ground



## 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>                        | 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), 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 | Net weight |
|------------|----------|--------------------------|----------------|-------------|------------|
| 42231/C... | SAL-4 dz | 4 m                      | 4 mm           | 0.032 m³    | 18.3 kg    |

## STRENGTH TABLE

| SAL-4 dz              |                       |                                               | Acceptable windage of single luminaire [m²] for Cx=1 |                                                     |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|------------------------------------------------------|-----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42231            |                       |                                               | 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                                            | 0,93                                                 | 0,78                                                | 0,64                         | 0,55                                            |
| 471040                | WA-4                  | 10                                            | 0,61                                                 | 0,48                                                | 0,37                         | 0,30                                            |
| 471051                | WA-5/1                | 10                                            | 0,33                                                 | 0,26                                                | 0,20                         | 0,16                                            |
| 471052                | WA-5/2                | 8                                             | 0,23                                                 | 0,17                                                | 0,12                         | 0,09                                            |
| 471141                | WA-14/1               | 10                                            | 0,43                                                 | 0,34                                                | 0,26                         | 0,21                                            |
| 471142                | WA-14/2               | 8                                             | 0,34                                                 | 0,25                                                | 0,19                         | 0,14                                            |
| 471201                | WA-20/1               | 10                                            | 0,22                                                 | 0,15                                                | 0,10                         | 0,07                                            |
| 471041                | WA-41 f42             | 10                                            | 0,62                                                 | 0,49                                                | 0,38                         | 0,31                                            |
| 472041                | WR-4/1/0,6/15         | 15                                            | 0,35                                                 | 0,28                                                | 0,23                         | 0,19                                            |
| 472042                | WR-4/2/0,6/15         | 8                                             | 0,37                                                 | 0,30                                                | 0,24                         | 0,20                                            |
| 47204105              | WR-4/1/0,5/5          | 15                                            | 0,39                                                 | 0,32                                                | 0,26                         | 0,22                                            |
| 47204205              | WR-4/2/0,5/5          | 8                                             | 0,40                                                 | 0,32                                                | 0,26                         | 0,22                                            |
| 4720419               | WR-4/1/0,6/15 ZP      | 15                                            | 0,35                                                 | 0,28                                                | 0,23                         | 0,19                                            |
| 4720429               | WR-4/2/0,6/15 ZP      | 8                                             | 0,37                                                 | 0,30                                                | 0,24                         | 0,20                                            |
| 472041059             | WR-4/1/0,5/5 ZP       | 15                                            | 0,39                                                 | 0,32                                                | 0,26                         | 0,22                                            |
| 472042059             | WR-4/2/0,5/5 ZP       | 8                                             | 0,40                                                 | 0,32                                                | 0,26                         | 0,22                                            |
| 472071                | WR-7/1/0,5            | 15                                            | 0,47                                                 | 0,38                                                | 0,30                         | 0,25                                            |
| 472072                | WR-7/2/0,5            | 8                                             | 0,37                                                 | 0,30                                                | 0,24                         | 0,20                                            |
| 472831                | WR-8B/1/0,35/0        | 12                                            | 0,39                                                 | 0,31                                                | 0,25                         | 0,21                                            |
| 472841                | WR-8B/1/0,35/5        | 12                                            | 0,39                                                 | 0,31                                                | 0,25                         | 0,21                                            |
| 472851                | WR-8B/1/0,35/10       | 12                                            | 0,39                                                 | 0,32                                                | 0,25                         | 0,21                                            |
| 472221                | WR-10/1/0,85/0        | -                                             | ISKRA LED                                            |                                                     |                              |                                                 |

# Aluminium column SAL-4 DZ

120 mm at the ground



| SAL-4 dz              |                       |                                               | Acceptable windage of single luminaire [m²] for Cx=1 |                                                    |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42231            |                       |                                               | 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. |
| 472222                | WR-10/2/0,85/0        | -                                             |                                                      | ISKRA LED                                          |                              |                                                 |
| 4722419               | WR-10P/1/0,85/0 ZP    | -                                             |                                                      | ISKRA LED                                          |                              |                                                 |
| 4722429               | WR-10P/2/0,85/0 ZP    | -                                             |                                                      | ISKRA LED                                          |                              |                                                 |
| 473010                | WN-1                  | 15                                            | 0,89                                                 | 0,73                                               | 0,59                         | 0,51                                            |
| 473020                | WN-2                  | 8                                             | 0,44                                                 | 0,36                                               | 0,29                         | 0,25                                            |

## ANODISING COLOURS

