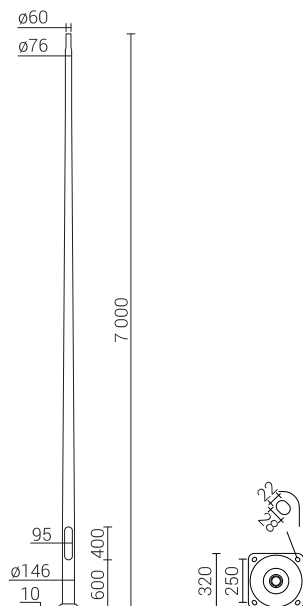


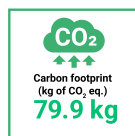
# Aluminium column SAL-70

146 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>                        | 146 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>                     | $\varnothing 60$ x 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 |
|------------|--------|--------------------------|----------------|-------------|----------------------------------------------|----------------------------------------------|-----------|------------|
| 42315/C... | SAL-70 | 7 m                      | 4.2 mm         | 0.309 m³    | B-60 / Z-60                                  | 311160 / 311206                              | 4008      | 30.6 kg    |

## STRENGTH TABLE

| SAL-70                |                       |                                               | Acceptable windage of single luminaire[m²] for Cx=1 |                                                    |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|-----------------------------------------------------|----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42315            |                       |                                               | 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. |
| -                     | -                     | 30                                            | 0,44                                                | 0,34                                               | 0,25                         | 0,20                                            |
| 471141                | WA-14/1               | 10                                            | 0,35                                                | 0,24                                               | 0,14                         | 0,09                                            |
| 471142                | WA-14/2               | 8                                             | 0,11                                                | 0,05                                               | x                            | x                                               |
| 471201                | WA-20/1               | 10                                            | 0,21                                                | 0,11                                               | x                            | x                                               |
| 471031                | WA-31 f42             | 10                                            | 0,17                                                | 0,07                                               | x                            | x                                               |
| 472021                | WR-2/1/0,95/5         | 15                                            | 0,28                                                | 0,21                                               | 0,15                         | 0,10                                            |
| 472022                | WR-2/2/0,95/5         | 15                                            | 0,11                                                | 0,06                                               | x                            | x                                               |
| 472041                | WR-4/1/0,6/15         | 15                                            | 0,36                                                | 0,28                                               | 0,20                         | 0,15                                            |
| 472042                | WR-4/2/0,6/15         | 15                                            | 0,15                                                | 0,10                                               | 0,06                         | 0,04                                            |
| 47204105              | WR-4/1/0,5/5          | 15                                            | 0,39                                                | 0,30                                               | 0,22                         | 0,16                                            |
| 47204205              | WR-4/2/0,5/5          | 15                                            | 0,16                                                | 0,11                                               | 0,07                         | 0,05                                            |
| 47204110              | WR-4/1/1,0/5          | 15                                            | 0,30                                                | 0,22                                               | 0,16                         | 0,12                                            |
| 47204210              | WR-4/2/1,0/5          | 15                                            | 0,13                                                | 0,08                                               | x                            | x                                               |
| 4720419               | WR-4/1/0,6/15 ZP      | 15                                            | 0,36                                                | 0,28                                               | 0,20                         | 0,15                                            |
| 4720429               | WR-4/2/0,6/15 ZP      | 15                                            | 0,15                                                | 0,10                                               | 0,06                         | 0,04                                            |
| 472041059             | WR-4/1/0,5/5 ZP       | 15                                            | 0,39                                                | 0,30                                               | 0,22                         | 0,16                                            |
| 472042059             | WR-4/2/0,5/5 ZP       | 15                                            | 0,16                                                | 0,11                                               | 0,07                         | 0,05                                            |
| 472041109             | WR-4/1/1,0/5 ZP       | 15                                            | 0,30                                                | 0,22                                               | 0,16                         | 0,12                                            |
| 472042109             | WR-4/2/1,0/5 ZP       | 15                                            | 0,13                                                | 0,08                                               | x                            | x                                               |

# Aluminium column SAL-70

146 mm at the base plate



| SAL-70                |                       |                                               | Acceptable windage of single luminaire[m²] for Cx=1 |                                                     |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42315            |                       |                                               | 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. |
| 472041159             | WR-4/1/1,5/5 ZP       | 15                                            | 0,22                                                | 0,16                                                | 0,10                         | 0,07                                            |
| 472501                | WR-5A/1/0,6/15        | 15                                            | 0,27                                                | 0,18                                                | 0,11                         | 0,06                                            |
| 472502                | WR-5A/2/0,6/15        | 15                                            | 0,09                                                | 0,05                                                | x                            | x                                               |
| 47250106              | WR-5A/1/0,6/5         | 15                                            | 0,27                                                | 0,18                                                | 0,10                         | 0,06                                            |
| 47250206              | WR-5A/2/0,6/5         | 15                                            | 0,09                                                | 0,05                                                | x                            | x                                               |
| 472801                | WR-8A/1/0,6/10        | 15                                            | 0,27                                                | 0,18                                                | 0,11                         | 0,06                                            |
| 47280106              | WR-8A/1/0,6/5         | 15                                            | 0,27                                                | 0,18                                                | 0,11                         | 0,06                                            |
| 472831                | WR-8B/1/0,35/0        | 15                                            | 0,36                                                | 0,26                                                | 0,17                         | 0,13                                            |
| 472841                | WR-8B/1/0,35/5        | 15                                            | 0,36                                                | 0,26                                                | 0,18                         | 0,13                                            |
| 472851                | WR-8B/1/0,35/10       | 15                                            | 0,36                                                | 0,26                                                | 0,18                         | 0,13                                            |
| 472221                | WR-10/1/0,85/0        | -                                             | ISKRA LED                                           |                                                     |                              |                                                 |
| 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                                           |                                                     |                              |                                                 |
| 472151                | WR-15/1/1,0/5         | 15                                            | 0,25                                                | 0,18                                                | 0,11                         | 0,06                                            |
| 472152                | WR-15/2/1,0/5         | 15                                            | 0,09                                                | x                                                   | x                            | x                                               |
| 472211                | WR-21/1/1,5/0         | 15                                            | 0,15                                                | 0,09                                                | x                            | x                                               |
| 472231                | WR-23/1/0,76          | 15                                            | 0,22                                                | 0,12                                                | x                            | x                                               |
| 472231/42             | WR-23/1/0,76 f42      | 15                                            | 0,22                                                | 0,12                                                | x                            | x                                               |
| 47219111              | WRP 1/1,0/0,7/5       | 15                                            | 0,25                                                | 0,18                                                | 0,12                         | 0,07                                            |
| 47219121              | WRP 1/1,5/0,7/5       | 15                                            | 0,19                                                | 0,13                                                | 0,08                         | x                                               |
| 473010                | WN-1                  | 15                                            | 0,43                                                | 0,32                                                | 0,23                         | 0,18                                            |
| 473020                | WN-2                  | 15                                            | 0,19                                                | 0,14                                                | 0,10                         | 0,07                                            |
| 473211                | WN-21 REG             | 15                                            | 0,11                                                | 0,07                                                | x                            | x                                               |

## ANODISING COLOURS

