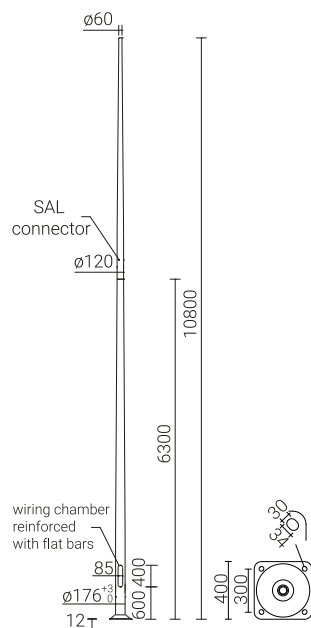


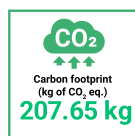
# Aluminium column SAL-10,8 WZM

176 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> | Classe 0                                                                                                                                                                                                                                                                                                                  |
| <b>Diameter at the base plate</b>                        | 176 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 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>Ingress protection</b>                                | IP 54 for the wiring chamber without reinforcement                                                                                                                                                                                                                                                                        |
| <b>Diameter of the column ending</b>                     | $\varnothing 60$ mm                                                                                                                                                                                                                                                                                                       |



## TABLE OF VARIANTS

| Code       | Symbol       | Height of the column [H] | Unit volume          | Concrete footing / reinforcement basket type | Concrete footing / reinforcement basket code | Fasteners | Net weight |
|------------|--------------|--------------------------|----------------------|----------------------------------------------|----------------------------------------------|-----------|------------|
| 42479/C... | SAL-10,8 wzm | 10.8 m                   | 0.513 m <sup>3</sup> | B-70 / Z-70                                  | 311170 / 311207                              | 4012      | 58.7 kg    |

## STRENGTH TABLE

| SAL-10,8 wzm          |                       |                                               | Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1 |                                                     |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42479            |                       |                                               | 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                                            | 0,53                                                              | 0,39                                                | 0,31                         | 0,25                                            |
| 472021                | WR-2/1/0,95/5         | 15                                            | 0,48                                                              | 0,35                                                | 0,25                         | 0,20                                            |
| 472022                | WR-2/2/0,95/5         | 12                                            | 0,19                                                              | 0,12                                                | 0,08                         | 0,05                                            |
| 472023                | WR-2/3/0,95/5         | 10                                            | 0,14                                                              | 0,09                                                | 0,06                         | x                                               |
| 472041                | WR-4/1/0,6/15         | 15                                            | 0,54                                                              | 0,39                                                | 0,30                         | 0,24                                            |
| 472042                | WR-4/2/0,6/15         | 12                                            | 0,23                                                              | 0,16                                                | 0,11                         | 0,08                                            |
| 47204105              | WR-4/1/0,5/5          | 15                                            | 0,56                                                              | 0,41                                                | 0,31                         | 0,25                                            |
| 47204205              | WR-4/2/0,5/5          | 12                                            | 0,24                                                              | 0,17                                                | 0,12                         | 0,10                                            |
| 47204110              | WR-4/1/1,0/5          | 15                                            | 0,51                                                              | 0,38                                                | 0,27                         | 0,21                                            |
| 47204210              | WR-4/2/1,0/5          | 12                                            | 0,22                                                              | 0,15                                                | 0,10                         | 0,07                                            |
| 4720419               | WR-4/1/0,6/15 ZP      | 15                                            | 0,54                                                              | 0,39                                                | 0,30                         | 0,24                                            |
| 4720429               | WR-4/2/0,6/15 ZP      | 12                                            | 0,23                                                              | 0,16                                                | 0,11                         | 0,08                                            |
| 472041059             | WR-4/1/0,5/5 ZP       | 15                                            | 0,56                                                              | 0,41                                                | 0,31                         | 0,25                                            |
| 472042059             | WR-4/2/0,5/5 ZP       | 12                                            | 0,24                                                              | 0,17                                                | 0,12                         | 0,10                                            |
| 472041109             | WR-4/1/1,0/5 ZP       | 15                                            | 0,51                                                              | 0,38                                                | 0,27                         | 0,21                                            |
| 472042109             | WR-4/2/1,0/5 ZP       | 12                                            | 0,22                                                              | 0,15                                                | 0,10                         | 0,07                                            |
| 472041159             | WR-4/1/1,5/5 ZP       | 15                                            | 0,44                                                              | 0,32                                                | 0,23                         | 0,17                                            |
| 472042159             | WR-4/2/1,5/5 ZP       | 12                                            | 0,19                                                              | 0,12                                                | 0,07                         | 0,04                                            |
| 472831                | WR-8B/1/0,35/0        | 15                                            | 0,45                                                              | 0,32                                                | 0,24                         | 0,18                                            |
| 472841                | WR-8B/1/0,35/5        | 15                                            | 0,45                                                              | 0,32                                                | 0,24                         | 0,19                                            |
| 472851                | WR-8B/1/0,35/10       | 15                                            | 0,45                                                              | 0,32                                                | 0,24                         | 0,19                                            |
| 472151                | WR-15/1/1,0/5         | 15                                            | 0,45                                                              | 0,32                                                | 0,22                         | 0,15                                            |

# Aluminium column SAL-10,8 WZM

176 mm at the base plate



| SAL-10,8 wzm          |                       |                                               | Acceptable windage of single luminaire [m²] for Cx=1 |                                                    |                              |                                                 |
|-----------------------|-----------------------|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|------------------------------|-------------------------------------------------|
| code 42479            |                       |                                               | 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. |
| 472152                | WR-15/2/1,0/5         | 12                                            | 0,19                                                 | 0,12                                               | 0,07                         | 0,04                                            |
| 472211                | WR-21/1/1,5/0         | 15                                            | 0,33                                                 | 0,22                                               | 0,13                         | 0,07                                            |
| 472212                | WR-21/2/1,5/0         | 12                                            | 0,14                                                 | 0,07                                               | x                            | x                                               |
| 472101                | WR-T1/1,5/5           | 15                                            | 0,36                                                 | 0,25                                               | 0,15                         | 0,10                                            |
| 472102                | WR-T2/1,5/5           | 12                                            | 0,13                                                 | 0,06                                               | x                            | x                                               |
| 473010                | WN-1                  | 15                                            | 0,52                                                 | 0,38                                               | 0,29                         | 0,23                                            |
| 473020                | WN-2                  | 12                                            | 0,24                                                 | 0,17                                               | 0,13                         | 0,10                                            |
| 473030                | WN-3                  | 10                                            | 0,20                                                 | 0,14                                               | 0,11                         | 0,08                                            |
| 473210                | WN-21                 | 12                                            | 0,21                                                 | 0,14                                               | 0,10                         | 0,07                                            |
| 473211                | WN-21 REG             | 12                                            | 0,17                                                 | 0,11                                               | 0,06                         | 0,04                                            |

## ANODISING COLOURS

