

# PRODUCT FAMILY DATASHEET

## PARATHOM Retrofit CLASSIC P

LED lamps, classic mini-ball shape



---

### AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

---

### PRODUCT BENEFITS

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)

---

### PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Mercury-free lamps
- Lifetime: up to 15,000 h



## TECHNICAL DATA

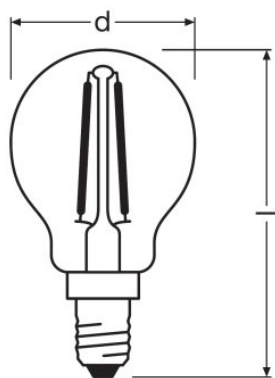
| Product description                          | Electrical data |                 |                                          |                                          | Photometrical data |                                         |                           |                   |               |
|----------------------------------------------|-----------------|-----------------|------------------------------------------|------------------------------------------|--------------------|-----------------------------------------|---------------------------|-------------------|---------------|
|                                              | Nominal wattage | Nominal voltage | Max. lamp no. on circuit break. 10 A (B) | Max. lamp no. on circuit break. 16 A (B) | Color temperature  | Lumen main.fact.at end of nom.life time | Light color (designation) | Color temperature | Luminous flux |
| P CLAS P 15 1.4 W/2700K E14 <sup>1)</sup>    | 1.40 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 136 lm        |
| P CLAS P 15 1.4 W/2700K E27 <sup>1)</sup>    | 1.40 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 136 lm        |
| P CLAS P 15 1.5 W/2700K E27 <sup>1)</sup>    | 1.50 W          | 220...240 V     | 416                                      | 666                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 136 lm        |
| P RF CLAS P 25 2.5 W/2700K E14 <sup>1)</sup> | 2.50 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P RF CLAS P 25 2.5 W/2700K E14 <sup>1)</sup> | 2.50 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P RF CLAS P 25 2.5 W/2700K E27 <sup>1)</sup> | 2.50 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | 2.50 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P CLAS P 25 2.5 W/2700K E14 <sup>1)</sup>    | 2.50 W          | 220...240 V     | 263                                      | 421                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | 2.50 W          | 220...240 V     | 263                                      | 421                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P CLAS P 25 2.5 W/2700K E14 <sup>1)</sup>    | 2.50 W          | 220...240 V     | 263                                      | 421                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | 2.50 W          | 220...240 V     | 263                                      | 421                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 250 lm        |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | 4.00 W          | 220...240 V     | 156                                      | 250                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 470 lm        |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | 4.00 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 470 lm        |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | 4.00 W          | 220...240 V     | 156                                      | 250                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 470 lm        |
| P CLAS P 40 FR 4 W/2700K B22d <sup>1)</sup>  | 4.00 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 470 lm        |
| P RF CLAS P 40 4 W/2700K E27 <sup>1)</sup>   | 4.00 W          | 220...240 V     | 156                                      | 250                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 470 lm        |
| P CLAS P 40 4 W/4000K E14 <sup>1)</sup>      | 4.00 W          | 220...240 V     |                                          |                                          | 4000 K             | 0.70                                    | Cool White                | 4000 K            | 470 lm        |
| P CLAS P 60 6 W/2700K E14 <sup>1)</sup>      | 6.00 W          | 220...240 V     | 19                                       | 31                                       | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 806 lm        |
| P CLAS P 60 6.5 W/2700K E14 <sup>1)</sup>    | 6.50 W          | 220...240 V     | 19                                       | 31                                       | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 806 lm        |
| P CLAS P 60 6 W/2700K E14 <sup>1)</sup>      | 6.00 W          | 220...240 V     | 589                                      | 943                                      | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 806 lm        |
| P CLAS P 60 6.5 W/2700K E14 <sup>1)</sup>    | 6.50 W          | 220...240 V     | 19                                       | 31                                       | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 806 lm        |
| P CLAS P 60 6 W/2700K E27 <sup>1)</sup>      | 6.00 W          | 220...240 V     |                                          |                                          | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 806 lm        |
| P CLAS P 60 7 W/2700K E27 <sup>1)</sup>      | 7.00 W          | 220...240 V     | 19                                       | 31                                       | 2700 K             | 0.70                                    | Warm White                | 2700 K            | 806 lm        |

| Product description                          | Color rendering index Ra | Light technical data |               | Dimensions & weight | Temperatures & operating conditions  | Lifespan               |                            | Additional product data     |              |
|----------------------------------------------|--------------------------|----------------------|---------------|---------------------|--------------------------------------|------------------------|----------------------------|-----------------------------|--------------|
|                                              |                          | Warm-up time (60 %)  | Starting time | Overall length      | Maximum temperature at tc test point | Nominal lamp life time | Number of switching cycles | Base (standard designation) | Mercury-free |
| P CLAS P 15 1.4 W/2700K E14 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 55 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 15 1.4 W/2700K E27 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 53 °C                                | 15000 h                | 100000                     | E27                         | Yes          |
| P CLAS P 15 1.5 W/2700K E27 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 47 °C                                | 15000 h                | 100000                     | E27                         | Yes          |
| P RF CLAS P 25 2.5 W/2700K E14 <sup>1)</sup> | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 56 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P RF CLAS P 25 2.5 W/2700K E14 <sup>1)</sup> | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 47 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P RF CLAS P 25 2.5 W/2700K E27 <sup>1)</sup> | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 58 °C                                | 15000 h                | 100000                     | E27                         | Yes          |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 58 °C                                | 15000 h                | 100000                     | E27                         | Yes          |
| P CLAS P 25 2.5 W/2700K E14 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 56 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 60.8 °C                              | 15000 h                | 100000                     | E27                         | Yes          |
| P CLAS P 25 2.5 W/2700K E14 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 58 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 60.8 °C                              | 15000 h                | 100000                     | E27                         | Yes          |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 65 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 59 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 50 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 40 FR 4 W/2700K B22d <sup>1)</sup>  | ≥80                      | < 0.50 s             | < 0.5 s       | 76.0 mm             | 59 °C                                | 15000 h                | 100000                     | B22d                        | Yes          |
| P RF CLAS P 40 4 W/2700K E27 <sup>1)</sup>   | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 58 °C                                | 15000 h                | 100000                     | E27                         | Yes          |
| P CLAS P 40 4 W/4000K E14 <sup>1)</sup>      | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 50 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 60 6 W/2700K E14 <sup>1)</sup>      | ≥80                      | < 0.50 s             | < 0.5 s       | 110.0 mm            | 55 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 60 6.5 W/2700K E14 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 58 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 60 6 W/2700K E14 <sup>1)</sup>      | ≥80                      | < 0.50 s             | < 0.5 s       | 110.0 mm            | 55 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 60 6.5 W/2700K E14 <sup>1)</sup>    | ≥80                      | < 0.50 s             | < 0.5 s       | 78.0 mm             | 58 °C                                | 15000 h                | 100000                     | E14                         | Yes          |
| P CLAS P 60 6 W/2700K E27 <sup>1)</sup>      | ≥80                      | < 0.50 s             | < 0.5 s       | 85.0 mm             |                                      | 15000 h                | 100000                     | E27                         | Yes          |
| P CLAS P 60 7 W/2700K E27 <sup>1)</sup>      | ≥80                      | < 0.50 s             | < 0.5 s       | 77.0 mm             | 58 °C                                | 15000 h                | 100000                     | E27                         | Yes          |

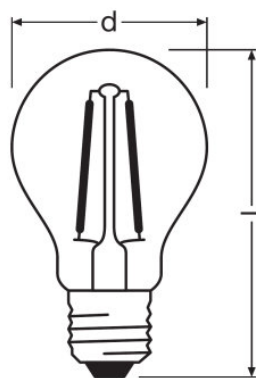
| Product description                       | Capabilities | Certificates & standards |                    | Country-specific categorizations |
|-------------------------------------------|--------------|--------------------------|--------------------|----------------------------------|
|                                           | Dimmable     | Energy efficiency class  | Energy consumption | ILCOS                            |
| P CLAS P 15 1.4 W/2700K E14 <sup>1)</sup> | No           | A++                      | 2 kWh/1000h        | DRBP/C-1,6-827-220-240-E14-45    |

|                                              | Capabilities | Certificates & standards |                    | Country-specific categorizations |
|----------------------------------------------|--------------|--------------------------|--------------------|----------------------------------|
| Product description                          | Dimmable     | Energy efficiency class  | Energy consumption | ILCOS                            |
| P CLAS P 15 1.4 W/2700K E27 <sup>1)</sup>    | No           | A++                      | 2 kWh/1000h        | DRBP/C-1,6-827-220-240-E27-45    |
| P CLAS P 15 1.5 W/2700K E27 <sup>1)</sup>    | No           | A++                      | 2 kWh/1000h        |                                  |
| P RF CLAS P 25 2.5 W/2700K E14 <sup>1)</sup> | No           | A++                      | 3 kWh/1000h        | DRBP/C-2,8/827-220/240-E14-45    |
| P RF CLAS P 25 2.5 W/2700K E14 <sup>1)</sup> | No           | A++                      | 3 kWh/1000h        | DRBP/F-2,8/827-220-240-E14-45    |
| P RF CLAS P 25 2.5 W/2700K E27 <sup>1)</sup> | No           | A++                      | 3 kWh/1000h        | DRBP/C-2/827-220/240-E27-45      |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | No           | A++                      | 3 kWh/1000h        | DRBP/F-2,8/827-220-240-E27-45    |
| P CLAS P 25 2.5 W/2700K E14 <sup>1)</sup>    | No           | A++                      | 3 kWh/1000h        |                                  |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | No           | A++                      | 3 kWh/1000h        |                                  |
| P CLAS P 25 2.5 W/2700K E14 <sup>1)</sup>    | No           | A++                      | 3 kWh/1000h        |                                  |
| P CLAS P 25 2.5 W/2700K E27 <sup>1)</sup>    | No           | A++                      | 3 kWh/1000h        |                                  |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | No           | A++                      | 4 kWh/1000h        | DRBP/C-4/827-220/240-E14-45      |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | No           | A++                      | 4 kWh/1000h        | DRBP/F-4/827-220-240-E14-45      |
| P RF CLAS P 40 4 W/2700K E14 <sup>1)</sup>   | No           | A++                      | 4 kWh/1000h        | DRBP/F-4/827-220-240-E14-45      |
| P CLAS P 40 FR 4 W/2700K B22d <sup>1)</sup>  | No           | A++                      | 4 kWh/1000h        |                                  |
| P RF CLAS P 40 4 W/2700K E27 <sup>1)</sup>   | No           | A++                      | 4 kWh/1000h        | DRBP/F-5/827-220-240-E27-45      |
| P CLAS P 40 4 W/4000K E14 <sup>1)</sup>      | No           | A++                      | 5 kWh/1000h        |                                  |
| P CLAS P 60 6 W/2700K E14 <sup>1)</sup>      | No           | A++                      | 6 kWh/1000h        |                                  |
| P CLAS P 60 6.5 W/2700K E14 <sup>1)</sup>    | No           | A++                      | 7 kWh/1000h        |                                  |
| P CLAS P 60 6 W/2700K E14 <sup>1)</sup>      | No           | A++                      | 6 kWh/1000h        |                                  |
| P CLAS P 60 6.5 W/2700K E14 <sup>1)</sup>    | No           | A++                      | 7 kWh/1000h        |                                  |
| P CLAS P 60 6 W/2700K E27 <sup>1)</sup>      | No           | A++                      | 6 kWh/1000h        |                                  |
| P CLAS P 60 7 W/2700K E27 <sup>1)</sup>      | No           | A++                      | 7 kWh/1000h        |                                  |

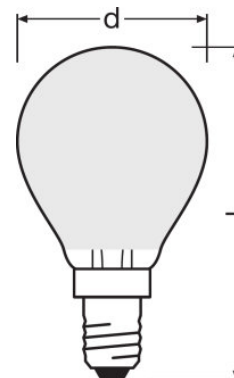
<sup>1)</sup> All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value



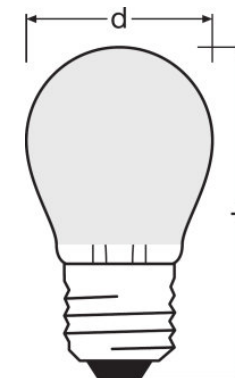
P CLAS P 15 1.4 W/2700K E14, P RF CLAS P 25 2.5 W/2700K E14, P CLAS P 25 2.5 W/2700K E14



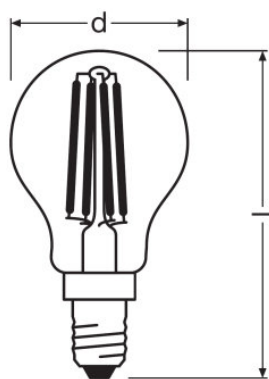
P CLAS P 15 1.4 W/2700K E27, P CLAS P 15 1.5 W/2700K E27, P RF CLAS P 25 2.5 W/2700K E27, P CLAS P 25 2.5 W/2700K E27



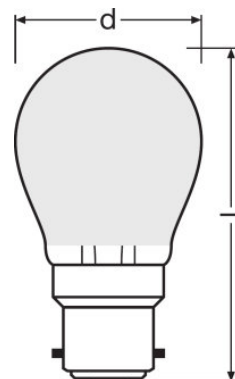
P RF CLAS P 25 2.5 W/2700K E14, P CLAS P 25 2.5 W/2700K E14, P RF CLAS P 40 4 W/2700K E14, P RF CLAS P 40 4 W/2700K E14



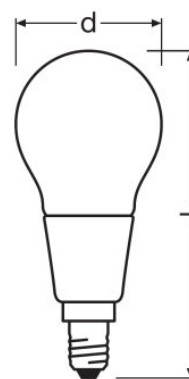
P CLAS P 25 2.5 W/2700K E27, P CLAS P 25 2.5 W/2700K E27, P RF CLAS P 40 4 W/2700K E27



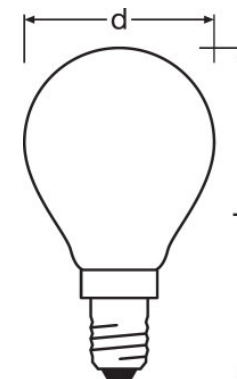
P RF CLAS P 40 4 W/2700K E14, P CLAS  
P 40 4 W/4000K E14, P CLAS P 60 6.5  
W/2700K E14



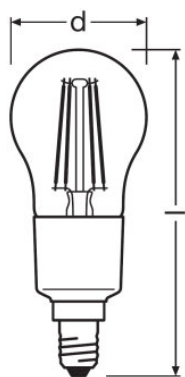
P CLAS P 40 FR 4 W/2700K B22d



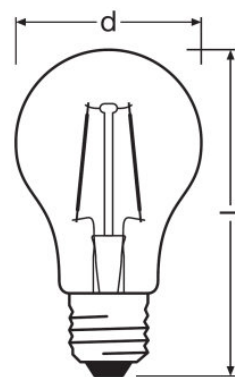
P CLAS P 60 6 W/2700K E14



P CLAS P 60 6.5 W/2700K E14



P CLAS P 60 6 W/2700K E14



P CLAS P 60 6 W/2700K E27, P CLAS P  
60 7 W/2700K E27

## APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075815100 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 332.00 g     | 2.62 dm <sup>3</sup> |
| 4058075815124 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 350.00 g     | 2.62 dm <sup>3</sup> |
| 4058075287952 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 358.00 g     | 2.62 dm <sup>3</sup> |
| 4052899962286 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 338.00 g     | 2.62 dm <sup>3</sup> |
| 4052899959781 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 308.00 g     | 2.62 dm <sup>3</sup> |
| 4052899962323 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 365.00 g     | 2.62 dm <sup>3</sup> |
| 4058075815162 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 361.00 g     | 2.62 dm <sup>3</sup> |
| 4058075287976 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 308.00 g     | 2.62 dm <sup>3</sup> |
| 4058075287990 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 358.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288010 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 308.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288034 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 358.00 g     | 2.62 dm <sup>3</sup> |
| 4052899962262 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 288.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288072 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 338.00 g     | 2.62 dm <sup>3</sup> |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4052899959774 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 288.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288096 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 338.00 g     | 2.62 dm <sup>3</sup> |
| 4058075061880 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 344.00 g     | 2.62 dm <sup>3</sup> |
| 4052899959811 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 352.00 g     | 2.62 dm <sup>3</sup> |
| 4058075115101 | Shipping carton box<br>10    | 245 mm x 102 mm x 101 mm             | 340.00 g     | 2.52 dm <sup>3</sup> |
| 4058075153677 | Shipping carton box<br>10    | 245 mm x 90 mm x 100 mm              | 662.00 g     | 2.21 dm <sup>3</sup> |
| 4058075288119 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 338.00 g     | 2.62 dm <sup>3</sup> |
| 4058075112490 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 298.00 g     | 2.62 dm <sup>3</sup> |
| 4058075108332 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 428.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288591 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 288.00 g     | 2.62 dm <sup>3</sup> |
| 4058075108370 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 428.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288553 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 288.00 g     | 2.62 dm <sup>3</sup> |
| 4058075108431 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 428.00 g     | 2.62 dm <sup>3</sup> |
| 4058075288577 | Shipping carton box<br>10    | 240 mm x 101 mm x 108 mm             | 338.00 g     | 2.62 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.



---

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.