

## PRODUCT DATASHEET

### LED VALUE CLAS P 40 4.9 W/4000 K E14

LED VALUE CLASSIC P | LED lamps, classic mini-ball shape



#### Areas of application

- General illumination
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Very low energy consumption
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

#### Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ( $R_a \geq 80$ ) and color stability throughout the life of the lamp



## TECHNICAL DATA

### Electrical data

|  |             |
|--|-------------|
| Nominal wattage                          | 4.9 W       |
| Construction wattage                     | 4.90 W      |
| Nominal voltage                          | 220...240 V |
| Claimed equiv. conventional lamp power   | 40 W        |
| Nominal current                          | 42 mA       |
| Type of current                          | AC          |
| Operating frequency                      | 50...60 Hz  |
| Mains frequency                          | 50...60 Hz  |
| Max. lamp no. on circuit break. 10 A (B) | 210         |
| Max. lamp no. on circuit break. 16 A (B) | 320         |
| Total harmonic distortion                | < 100 %     |
| Power factor $\lambda$                   | > 0.50      |

### Photometrical data

|   |            |
|---|------------|
| Luminous flux                           | 470 lm     |
| Nominal useful luminous flux 90°        | 470 lm     |
| Luminous efficacy                       | 95 lm/W    |
| Lumen main.fact.at end of nom.life time | 0.70       |
| Light color (designation)               | Cool White |
| Color temperature                       | 4000 K     |
| Color rendering index Ra                | ≥80        |
| Light color                             | 840        |
| Standard deviation of color matching    | ≤6 sdcn    |
| Rated LLMF at 6,000 h                   | 0.80       |

### Light technical data

|                     |         |
|---------------------|---------|
| Beam angle          | 200 °   |
| Warm-up time (60 %) | 0.50 s  |
| Starting time       | < 0.5 s |

### Dimensions & Weight

|                  |          |
|------------------|----------|
| Overall length   | 82.00 mm |
| Diameter         | 45.00 mm |
| Maximum diameter | 45 mm    |

|                |         |
|----------------|---------|
| Product weight | 19.00 g |
|----------------|---------|

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

### Lifespan

|  |        |
|--|--------|
| Number of switching cycles                   | 100000 |
| Lumen maintenance at end of service lifetime | 0.70   |
| Rated lamp survival factor at 6,000 h        | ≥ 0.90 |

### Additional product data

|                             |  |
|-----------------------------|--|
| Base (standard designation) | E14  |
| Mercury content             | 0.0 mg   |
| Mercury-free                | Yes  |
| Design / version            | Frosted  |
| Product remark              | 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 |

### Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Certificates & Standards

|  |                |
|--|----------------|
| Energy efficiency class                      | F 1)           |
| Energy consumption                           | 5.00 kWh/1000h |
| Type of protection                           | IP20           |
| Standards                                    | CE             |
| Photobiological safety group acc. to EN62778 | RG0            |

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | VALUECLP40 4,9W |
|-----------------|-----------------|

### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

### Energy labelling regulation data acc EU 2019/2015

|   |                         |
|---|-------------------------|
| Light source cap-type (or other electric interface) | E14                     |
| Correlated colour temperature type                  | SINGLE_VALUE            |
| Length  | 82.00 mm                |
| Height  | 45.00 mm                |
| Width   | 45.00 mm                |
| R9 Colour rendering index                           | 0.00                    |
| Displacement factor                                 | 0.5                     |
| EPREL ID  | 1403242,523324,1381390  |
| Model number  | AC31166,AC24729,AC44939 |

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## DOWNLOAD DATA

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## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075476219 | Folding box<br>3             | 139 mm x 46 mm x 82 mm               | 80.00 g      | 0.52 dm <sup>3</sup> |
| 4058075476226 | Shipping box<br>30           | 295 mm x 245 mm x 100 mm             | 1010.00 g    | 7.23 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.

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