

## PRODUCT DATASHEET

### SST CLAS P 60 6.5 W/2700 K E27

PARATHOM® CLASSIC P | LED lamps, classic mini-ball shape



#### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### 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

#### Product features

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



- Lamp made of glass
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity

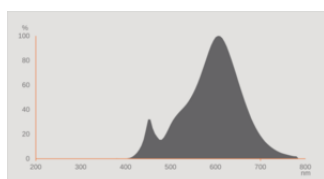
TECHNICAL DATA

Electrical data

|  |             |
|--|-------------|
| Nominal wattage                        | 6.5 W       |
| Construction wattage                   | 6.50 W      |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 60 W        |
| Nominal current                        | 38 mA       |
| Type of current                        | AC          |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Power factor $\lambda$                 | 0.50        |

Photometrical data

|   |                           |
|---|---------------------------|
| Luminous flux                           | 806 lm                    |
| Nominal useful luminous flux 90°        | 806 lm                    |
| Luminous efficacy                       | 124 lm/W                  |
| Lumen main.fact.at end of nom.life time | 0.70                      |
| Light color (designation)               | Warm White                |
| Color temperature                       | 2700 K                    |
| Color rendering index Ra                | > 80                      |
| Light color                             | 827                       |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Flickering metric (Pst LM)              | $\leq 1$                  |
| Stroboscope effect metric (SVM)         | $\leq 0.4$                |



Light technical data

|            |       |
|------------|-------|
| Beam angle | 200 ° |
|------------|-------|

**Dimensions & Weight**

|                  |          |
|------------------|----------|
| Overall length   | 80.00 mm |
| Diameter         | 45.00 mm |
| Maximum diameter | 45 mm    |
| Product weight   | 18.00 g  |

**Temperatures & operating conditions**

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

**Lifespan**

|  |         |
|--|---------|
| Lifespan L70/B50 at 25 °C                    | 15000 h |
| Number of switching cycles                   | 100000  |
| Lumen maintenance at end of service lifetime | 0.70    |

**Additional product data**

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | E27    |
| Mercury content             | 0.0 mg |

**Capabilities**

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

**Certificates & Standards**

|  |                         |
|--|-------------------------|
| Energy efficiency class                      | E                       |
| Energy consumption                           | 7.00 kWh/1000h          |
| Type of protection                           | IP20                    |
| Standards                                    | CE / REACH / RoHS / EAC |
| Photobiological safety group acc. to EN62778 | RG1                     |

**Country-specific categorizations**

|                 |                 |
|-----------------|-----------------|
| Order reference | LEDSCLP60D6,5W/ |
|-----------------|-----------------|

**LOGISTICAL DATA**

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

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

|                                |      |
|--------------------------------|------|
| Lighting technology used       | LED  |
| Non-directional or directional | NDLS |
| Mains or non-mains             | MLS  |

|  |              |
|--|--------------|
| Light source cap-type (or other electric interface)  | E27          |
| Connected light source (CLS)                         | No           |
| Color-tuneable light source                          | No           |
| Envelope   | No           |
| High luminance light source                          | No           |
| Anti-glare shield                                    | No           |
| Correlated colour temperature type                   | SINGLE_VALUE |
| Standby power  | 0.00 W       |
| Networked standby power for CLS                      | 0.0 W        |
| Claim of equivalent power                            | Yes          |
| Length   | 80.00 mm     |
| Height   | 45.00 mm     |
| Width  | 45.00 mm     |
| Chromaticity coordinate x                            | 0,463        |
| Chromaticity coordinate y                            | 0,42         |
| R9 Colour rendering index                            | >0           |
| Beam angle correspondence                            | SPHERE_360   |
| Survival factor                                      | 0,9          |
| Displacement factor                                  | 0,5          |
| LED light source replaces a fluorescent light source | No           |
| EPREL ID   | 1138900      |
| Model number   | AC40823      |

**DOWNLOAD DATA**

**Documents and certificates**



Declarations Of Conformity CE

**Photometric and lighting design files**



Spectral power distribution

**LOGISTICAL DATA**

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075749856 | Folding box<br>1             | 36 mm x 49 mm x 145 mm               | 30.00 g      | 0.26 dm <sup>3</sup> |
| 4058075749863 | Shipping box<br>6            | 159 mm x 111 mm x 106 mm             | 270.00 g     | 1.87 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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## DISCLAIMER

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