

# PRODUCT DATASHEET

## SST CLAS A 100 FR 14 W/2700K E27 DIM

LED SUPERSTAR CLASSIC A | Dimmable LED lamps, classic bulb shape



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

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### PRODUCT FEATURES

- LED alternative to conventional lamps
- Good quality of light; color rendering index  $R_a: \geq 80$ ; constant chromaticity
- High color consistency: < 6 SDCM
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



**TECHNICAL DATA**

Electrical data

|  |             |
|--|-------------|
| Rated wattage                            | 14.00 W     |
| Nominal wattage                          | 14.00 W     |
| Nominal voltage                          | 220...240 V |
| Max. lamp no. on circuit break. 10 A (B) | 70          |
| Max. lamp no. on circuit break. 16 A (B) | 120         |
| Operating frequency                      | 50...60 Hz  |
| Power factor $\lambda$                   | > 0.80      |
| Claimed equiv. conventional lamp power   | 100 W       |

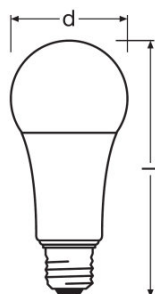
Photometrical data

|   |                     |
|---|---------------------|
| Rated luminous flux                     | 1521 lm             |
| Rated color temperature                 | 2700 K              |
| Lumen main.fact.at end of nom.life time | 0.70                |
| Light color (designation)               | Warm White          |
| Color temperature                       | 2700 K              |
| Luminous flux                           | 1521 lm             |
| Color rendering index Ra                | ≥80                 |
| Standard deviation of color matching    | ≤6 sdc <sub>m</sub> |
| Nominal luminous flux                   | 1521 lm             |
| Color rendering index Ra                | ≥80                 |

Light technical data

|                     |          |
|---------------------|----------|
| Warm-up time (60 %) | < 0.50 s |
| Starting time       | < 0.5 s  |

Dimensions & weight



|                |          |
|----------------|----------|
| Overall length | 134.0 mm |
|----------------|----------|

|                   |          |
|-------------------|----------|
| <b>Diameter</b>   | 70.0 mm  |
| <b>Outer bulb</b> | A60      |
| <b>Length</b>     | 134.0 mm |

### Temperatures & operating conditions

|   |         |
|---|---------|
| <b>Maximum temperature at tc test point</b> | 96.7 °C |
|---|---------|

### Lifespan

|   |         |
|---|---------|
| <b>Nominal lamp life time</b>                   | 25000 h |
| <b>Rated lamp life time</b>                     | 25000 h |
| <b>Number of switching cycles</b>               | 100000  |
| <b>Lumen maintenance at end of service life</b> | 0.70    |

### Additional product data

|                                    |  |
|------------------------------------|--|
| <b>Base (standard designation)</b> | E27  |
| <b>Mercury-free</b>                | Yes  |
| <b>Design / version</b>            | Frosted  |
| <b>Show WEEE picto</b>             | Yes  |
| <b>Product remark</b>              | 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 |
| <b>Mercury content</b>             | 0.0 mg   |

### Capabilities

|                 |                   |
|-----------------|-------------------|
| <b>Dimmable</b> | Yes <sup>1)</sup> |
|-----------------|-------------------|

<sup>1)</sup> With many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)

### Certificates & standards

|                                |              |
|--------------------------------|--------------|
| <b>Energy efficiency class</b> | A+           |
| <b>Energy consumption</b>      | 14 kWh/1000h |

### Country-specific categorizations

|                        |                             |
|------------------------|-----------------------------|
| <b>ILCOS</b>           | DRAA/F-13/827-20-240-E27-62 |
| <b>Order reference</b> | LEDSCLA100D 14W             |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4052899935440 | Folding carton box<br>1      | 60 mm x 86 mm x 152 mm               | 138.00 g     | 0.78 dm <sup>3</sup> |

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|               |                          |                          |          |                      |
|---------------|--------------------------|--------------------------|----------|----------------------|
| 4052899935495 | Shipping carton box<br>4 | 149 mm x 200 mm x 178 mm | 637.00 g | 5.30 dm <sup>3</sup> |
|---------------|--------------------------|--------------------------|----------|----------------------|

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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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#### REFERENCES / LINKS

For dimming conformity see

- ▶ [www.ledvance.com/dim](http://www.ledvance.com/dim)

For further products and actual information concerning LED lamps see

- ▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

- ▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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