# PRODUCT DATASHEET
# RF CLAS ST 25 CL 2.5 W/2700K E27

## LED Retrofit CLASSIC ST | LED lamps, classic Edison bulb shape

### AREAS OF APPLICATION

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

### PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

### PRODUCT FEATURES

- LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 360°
- Lamp made of glass
- Good quality of light; color rendering index $R_a$: ≥ 80; constant chromaticity

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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Rated wattage** | 2.50 W |
| **Nominal wattage** | 2.50 W |
| **Nominal voltage** | 220...240 V |
| **Max. lamp no. on circuit break. 10 A (B)** | 200 |
| **Max. lamp no. on circuit break. 16 A (B)** | 300 |
| **Operating frequency** | 50...60 Hz |
| **Power factor λ** | > 0.40 |
| **Claimed equiv. conventional lamp power** | 25 W |

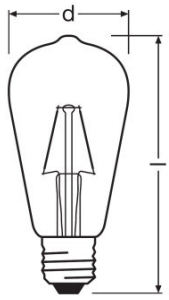
### Photometrical data

| | |
|---|---|
| **Nominal luminous flux** | 250 lm |
| **Rated luminous flux** | 250 lm |
| **Lumen main.fact.at end of nom.life time** | 0.70 |
| **Light color (designation)** | Warm White |
| **Color temperature** | 2700 K |
| **Luminous flux** | 250 lm |
| **Color rendering index Ra** | ≥80 |
| **Standard deviation of color matching** | ≤6 sdcm |
| **Rated color temperature** | 2700 K |

### Light technical data

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

### Dimensions & weight




| | |
|---|---|
| **Overall length** | 143.0 mm |
| **Diameter** | 64.0 mm |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| | |
|---|---|
| **Outer bulb** | ST64 |
| **Length** | 143.0 mm |

## Temperatures & operating conditions

| | |
|---|---|
| **Ambient temperature range** | -20…+40 °C |
| **Maximum temperature at tc test point** | 50 °C |

## Lifespan

| | |
|---|---|
| **Nominal lamp life time** | 15000 h |
| **Rated lamp life time** | 15000 h |
| **Number of switching cycles** | 100000 |
| **Lumen maintenance at end of service life** | 0.70 |

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | E27 |
| **Mercury content** | 0.0 mg |
| **Mercury-free** | Yes |
| **Design / version** | clear |
| **Show WEEE picto** | Yes |
| **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** | A++ |
| **Energy consumption** | 3 kWh/1000h |

## Country-specific categorizations

| | |
|---|---|
| **ILCOS** | DRAS/C-2/827-220/240-E27-64 |
| **Order reference** | LEDISON25 2,5W/ |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4052899962088 | Blister<br>1 | 67 mm x 140 mm x 185 mm | 74.00 g | 1.74 $dm^3$ |


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| | | | | |
|---|---|---|---|---|
| 4052899962576 | Shipping carton box 6 | 416 mm x 153 mm x 201 mm | 627.00 g | 12.79 dm³ |

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.


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