

## PRODUCT DATASHEET

### RF CLAS BA 25 CL 2.5 W/2700 K E14

LED Retrofit CLASSIC BA | LED lamps, classic bulb 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
- 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
- Not dimmable
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity



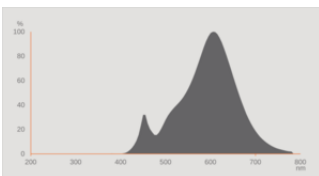
## TECHNICAL DATA

### Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	6.8 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	263
Max. lamp no. on circuit break. 16 A (B)	421
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	100 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	≤6 sdcm
Rated LLMF at 6,000 h	0.80



### Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

### Dimensions & Weight

Overall length	121.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	15.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	59 °C

### Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

### Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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
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### Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	3.00 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

ILCOS	DRBB/C-2-230-E14-35/120
Order reference	LEDSCLBA25 2,5W

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

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	121.00 mm
Height	35.00 mm
Width	35.00 mm

### DOWNLOAD DATA

DOWNLOAD DATA	
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### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075436640	Folding box 1	36 mm x 49 mm x 155 mm	29.00 g	0.27 dm <sup>3</sup>
4058075436657	Shipping box 10	201 mm x 111 mm x 131 mm	368.00 g	2.92 dm <sup>3</sup>
4058075604520	Shipping box 6	129 mm x 111 mm x 131 mm	231.00 g	1.88 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.