

# PRODUCT DATASHEET

## SUPERIOR CLAS BA 40 3.4 W/2700 K E14

LED SUPERIOR CLASSIC BA | Dimmable LED lamps, classic mini-candle 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 a halogen lamp
- Natural light spectrum with outstanding color rendering of CRI>90
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

### Product features

- LED lamps for line voltage
- Beam angle: up to 300°



- Dimmable
- Color rendering index  $R_a \geq 90$

## TECHNICAL DATA

### Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	20 mA
Type of current	AC
Inrush current	0.25 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	2123
Max. lamp no. on circuit break. 16 A (B)	3396
Power factor $\lambda$	> 0.70

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥90
Light color	927
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

### 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
Product weight	15.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	≤65 °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
Design / version	Clear

### Capabilities

Dimmable	Yes
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### Certificates & Standards

Energy efficiency class	D
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

### Country-specific categorizations

Order reference	LEDCLBA40D 3,4
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### 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)	E14
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
Claim of equivalent power	Yes
Length	121.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.40
LED light source replaces a fluorescent light source	No
EPREL ID	642795
Model number	AC33999

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075758360	Folding box 1	37 mm x 37 mm x 123 mm	25.00 g	0.17 dm <sup>3</sup>
4058075758377	Shipping box 10	197 mm x 85 mm x 138 mm	301.00 g	2.31 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

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