

# PRODUCT DATASHEET

## BASE CLAS B 40 FR 4.9 W/4000 K E14

LED BASE CLASSIC B | LED lamps, classic mini-candle shape



### Areas of application

- General illumination
- Domestic applications
- Chandeliers
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Lower thermal output (compared with the standard reference product)
- Very low energy consumption
- Shockproof and vibration-proof thanks to LED technology
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Simple direct replacement for conventional incandescent lamps

### Product features

- Professional LED lamps for line voltage
- Not suitable for use with dimmers
- Good color rendering ( $R_a \geq 80$ ) and color stability throughout the life of the lamp
- Base: E14, B22d
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	36 mA
Type of current	AC
Inrush current	3 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	45
Max. lamp no. on circuit break. 16 A (B)	70
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

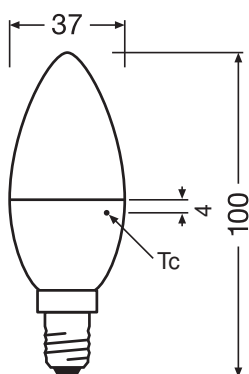




### Light technical data

Beam angle	200 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	200.00 °

### Dimensions & Weight



Overall length	100.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	18.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	79 °C

## Lifespan

Lifespan	10000 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	Frosted
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 <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EMC / ROHS / REACH
Photobiological safety group acc. to EN62778	RG0

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## Country-specific categorizations

Order reference	BASECLB40 4,9W/
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## LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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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
Standby power	0.00
Claim of equivalent power	Yes
Length	100.00 mm
Height	37.00 mm
Width	37.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	523317,1403232
Model number	AC31159,AC31159,AC24718

## DOWNLOAD DATA

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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429680	Folding box 3	39 mm x 116 mm x 138 mm	73.00 g	0.62 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429697	Shipping box 30	241 mm x 204 mm x 117 mm	856.00 g	5.75 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.