

# Product datasheet

## LED Candle Light 4.5W / 500 lm LED retrofit lamps Classic B

Featuring a classic heritage design, LED Deco Classic delivers beautiful, decorative warm-white or naturally-white light while saving around 90% on energy costs.



### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor applications only in Suitable luminaires

### Product benefits

- Clear lamps with innovative LED **“remote phosphor(non-filament)”** technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Extremely long life
- 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
- Beam angle : up to 300°
- Not Dimmable and Dimmable
- Base : E14
- Mercury-free lamps
- Lifetime : up to 30,000 h



# Product datasheet

## Technical data

### Electrical data

Rated Wattage	4.5W
Nominal Wattage	4.5W
Nominal Voltage	AC 210V ~ AC 230V
Operating Frequency	50Hz ~ 60Hz
Power Factor $\lambda$	>0.6
Claimed equiv. conventional lamp power	40W

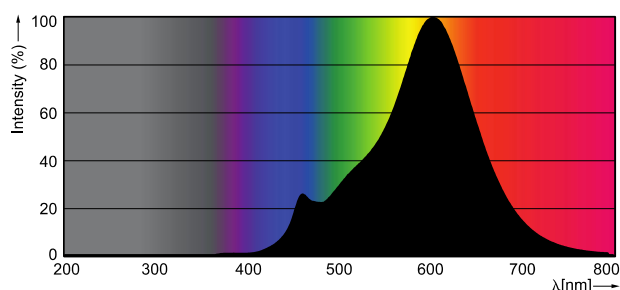
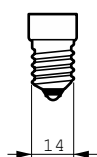
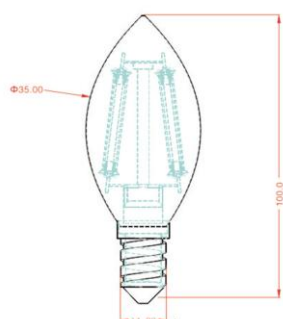
### Photometrical data

Nominal luminous flux (hot lumen)	$\geq 450$ lm
Rated luminous flux (hot lumen)	$\geq 450$ lm
Luminous efficacy lamp	$\geq 100$ lm/W
Color temperature	2800K / 4500K
Color rendering index Ra	>80
Light color (designation)	Warm White / Naturally White
Standard deviation of color matching	$\leq 6$ sdcM

### Light technical data

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

## Dimensions & Weight



Overall length	100.0 mm
Diameter	35.0 mm
Outer bulb	B35
Length	100.0 mm
Net weight per piece	<15g

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## Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Number of switching cycles	100000
Lumen main. fact. at end of nom. life time	0.7
Lumen maintenance at end of service life	0.7
Operation temperature	-20°C ~ +50°C

## Additional product data

Base (standard designation)	E14
Lamp mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear or Diffused
Appropriate disposal acc. to WEEE	Yes

## Capabilities

Dimmable	Yes or No
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## Certificates & standards

Energy efficiency class	A++
Energy consumption	4.5 kWh/1000h

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## Disclaimer

Subject to change without notice. Errors and omission excepted.  
Always make sure to use the most recent release.



Energy

- Wattage Equivalent : 40W
- Energy Efficiency Label(EEL) : A++
- Dimmable : Yes or No



Lifetime

- Net weight per piece : <15g



Weight

- Rated Lifetime(hours) : 30000 hr