

# PRODUCT DATASHEET LED Classic B 40 Filament DIM CRI97 S 4.2W 927 Frosted E14

LED CLASSIC B DIM CRI97 S | Dimmable LED lamps, classic candle shape, CRI97



#### Areas of application

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

#### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Low flickering

#### **Product features**

- High CRI & R9 for a natural lighting experience
- Dimmable
- LED lamps for line voltage
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Very high number of switching cycles up to 100,000





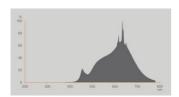
# TECHNICAL DATA

### Electrical data

Nominal wattage	4.2 W
Construction wattage	4.20 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	28 mA
Type of current	AC
Inrush current	0.028 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	357
Max. lamp number on MCB B16 A	571
Total harmonic distortion	78.20 %
Power factor $\lambda$	0.50

# Photometrical data

Luminous flux	470 lm
Luminous efficacy	111 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	97
Light color	927
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4



Spectral graph classic B P 2700 K DIM

# Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	100.00 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	60 °C

### Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

# 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	Yes 1)

<sup>1)</sup> Check dimmer compatibility at ledvance.com/compatibility

# Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
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)

Connected light source (CLS)

Length

Height

Country-specific categorizations		
Order reference	LED CLB40DIM 4.	
LOGISTICAL DATA		
Temperature range at storage	-20+80 °C	
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	

No

No

No

No

No

0 W

35.00 mm

SINGLE\_VALUE

Yes 100.00 mm

Width	35.00 mm
Chromaticity coordinate x	0.463

Chromaticity coordinate y	0.420

R9 Colour rendering index	
Deepe anale common and an ac	CDLIEDE

Beam angle correspondence	SPHERE_360
Survival factor	0.90

Displacement factor	0.9
LED light source replaces a fluorescent light source	No

EPREL ID	1370532,1854810,2519326
Model number	AC45255,AC57847,AC57847,AC93204

### Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

### DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	Declarations of conformity	LED Lamp	
PDF	Declarations of conformity UKCA	LED Lamp	

	Photometric and lighting design files	Document name	
Spectral power distribution		Spectral graph classic B P 2700 K DIM	

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854065613	Folding box 1	39 mm x 39 mm x 109 mm	29.00 g	0.17 dm <sup>3</sup>
4099854065620	Shipping box 10	205 mm x 87 mm x 123 mm	338.00 g	2.19 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.