

PRODUCT DATASHEET LED Classic B 40 Filament DIM P 4.8W 827 Clear E27

LED CLASSIC B DIM P | Dimmable LED lamps, classic candle shape



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Lower energy consumption than incandescent or halogen lamps
- Robust against vibrations
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

Product features

- Professional LED lamps for line voltage
- Dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity





TECHNICAL DATA

Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	26 mA
Type of current	AC
Inrush current	1.4 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	100
Max. lamp number on MCB B16 A	150
Power factor λ	> 0.70

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	97 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
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

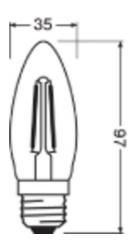


EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	95.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	19.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	65 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27
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 Yes 1)

¹⁾ Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference

	LEDOLDTO DIIVI T.
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

Light source cap-type (or other electric interface) E27 Connected light source (CLS) No Color-tuneable light source No Envelope No High luminance light source No Anti-glare shield Correlated colour temperature type Standby power O W Claim of equivalent power Yes Length E27 Length FEAT No No No No Position of the electric interface) No No No No Position of the electric interface) No No No No Position of the electric interface) No No No No Position of the electric interface) No No No Position of the electric interface) No No No No Position of the electric interface) No No No No Position of the electric interface) No No No No No No No No No N	
Color-tuneable light source No No High luminance light source Anti-glare shield Correlated colour temperature type Standby power O W Claim of equivalent power Yes Length No No No No No No No SINGLE_VALUE 95.00 mm	
Envelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power 0 W Claim of equivalent power Yes Length 95.00 mm	
High luminance light source Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power 0 W Claim of equivalent power Yes Length 95.00 mm	
Anti-glare shield Correlated colour temperature type SINGLE_VALUE Standby power 0 W Claim of equivalent power Yes Length 95.00 mm	
Correlated colour temperature type SINGLE_VALUE Standby power 0 W Claim of equivalent power Yes Length 95.00 mm	_
Standby power 0 W Claim of equivalent power Yes Length 95.00 mm	
Claim of equivalent power Yes Length 95.00 mm	
Length 95.00 mm	
Height 35.00 mm	
Width 35.00 mm	
Chromaticity coordinate x 0.436	
Chromaticity coordinate y 0,420	
R9 Colour rendering index 1	
Beam angle correspondence SPHERE_360	
Survival factor 0.90	
Displacement factor ≥0.7	
LED light source replaces a fluorescent light source No	
EPREL ID 523116	
Model number AC32291	

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	
POF	Declarations of conformity	LED CLA CLB CLP T26 CL GLOBE125	
	Photometric and lighting design files	Document name	
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854067495	Folding box 1	39 mm x 39 mm x 109 mm	33.00 g	0.17 dm ³
4099854067501	Shipping box 10	205 mm x 87 mm x 123 mm	379.00 g	2.19 dm ³

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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

827 Clear E27