

PRODUCT DATASHEET LED Classic B 40 Filament P 4W 827 Clear E27

LED CLASSIC B P | 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

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- 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)
- Lower energy consumption than incandescent or halogen lamps

Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Lamp made of glass





– Good quality of light; color rendering index $\rm R_{a}\!\!: \geq 80;$ constant chromaticity

TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	1.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	300
Max. lamp number on MCB B16 A	480
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 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

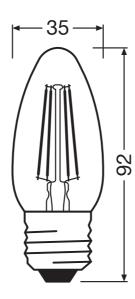


EPREL data spectral diagram PROF LEDr 2700K

Light technical data

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

Dimensions & Weight



Overall length	92.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	20.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
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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	No
Certificates & Standards	
Energy efficiency class	E 1)
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lo Country-specific categorizations	owest efficiency)
Journay-specific Gategorizations	
Order reference	LED CLB40 4W 82
Order reference	LED CLB40 4W 82
Order reference	LED CLB40 4W 82 -20+40 °C
Order reference LOGISTICAL DATA	

NDLS

Non-directional or directional

Light source cap-type (or other electric interface) E27 Connected light source (CLS) No 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 92.00 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 ≥0.5 LED light source replaces a fluorescent light source No EPREL ID 523190 Model number AC32379	Mains or non-mains	MLS
Color-tuneable light source 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 Length Height 35.00 mm Width 35.00 mm Width 35.00 mm Chromaticity coordinate x 0,436 Chromaticity coordinate y R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0,90 Displacement factor LED light source replaces a fluorescent light source No EPREL ID	Light source cap-type (or other electric interface)	E27
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Correlated colour temperature type SINGLE_VALUE Standby power 0 W Claim of equivalent power Yes Length 92.00 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 ≥0.5 LED light source replaces a fluorescent light source EPREL ID SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SINGLE_VALUE SPHERE_360 0.420 SPHERE_360 SPHERE_360	High luminance light source	No
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Survival factor 0.90 Displacement factor ≥0.5 LED light source replaces a fluorescent light source No EPREL ID 523190	R9 Colour rendering index	1
Displacement factor ≥0.5 LED light source replaces a fluorescent light source No EPREL ID 523190	Beam angle correspondence	SPHERE_360
LED light source replaces a fluorescent light source No EPREL ID 523190	Survival factor	0.90
EPREL ID 523190	Displacement factor	≥0.5
	LED light source replaces a fluorescent light source	No
Model number AC32379	EPREL ID	523190
	Model number	AC32379

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 lamps CLA,B,G,P

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
4099854069277	Folding box	39 mm x 39 mm x 109 mm	34.00 g	0.17 dm ³
4099854069284	Shipping box 10	205 mm x 87 mm x 123 mm	389.00 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.