

## PRODUCT DATASHEET

# LED Classic B 40 P 4.9W 827 Frosted E14

PARATHOM® CLASSIC B | LED lamps, classic mini-candle shape



### Areas of application

- Domestic applications
- General illumination
- Chandeliers
- Outdoor use in outdoor luminaires only (minimum IP65)

### Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

### Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index  $R_a$ :  $\geq 80$ ; constant chromaticity



## 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	10 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	210
Max. lamp number on MCB B16 A	320
Total harmonic distortion	125 %
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)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

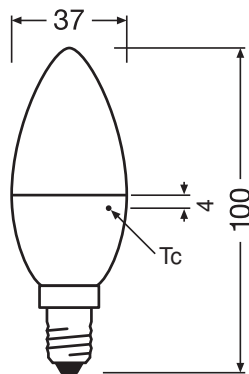


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### Light technical data

Beam angle	200 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

### 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	78 °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)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

## 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	ROHS 2.0 / REACH / CE / CB / ERP
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	LEDPCLB40 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 W
Claim of equivalent power	Yes
Length	100.00 mm
Height	37.00 mm
Width	37.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	523316
Model number	AC31158

## DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	CLASS B,P LED lamp

Photometric and lighting design files		Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075593237	Folding box 1	38 mm x 38 mm x 108 mm	26.00 g	0.16 dm <sup>3</sup>
4058075593244	Shipping box 10	198 mm x 84 mm x 119 mm	321.00 g	1.98 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.

## References / Links

- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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