

# PRODUCT DATASHEET P CLAS B 40 4.8 W/2700 K E27

PARATHOM® CLASSIC B DIM | Dimmable LED lamps, classic bulb 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  $300^{\circ}$
- Lamp made of glass





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

## TECHNICAL DATA

## Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	26 mA
Type of current	AC
Inrush current	0.07 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	100
Max. lamp number on MCB B16 A	150
Power factor $\lambda$	> 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)	1.0
Stroboscope effect metric (SVM)	0.4

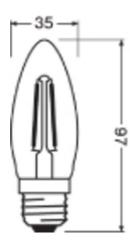


EPREL data spectral diagram PROF LEDr 2700K

# 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	75 °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	Dimmable (with many common dimmers, see also www.ledvance.com/dim)

## Capabilities

Dimmable	Yes
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#### 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

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

## Country-specific categorizations

Light source cap-type (or other electric interface)

Order reference	LEDPCLB40D 4,8W
Energy labelling regulation data acc EU 2019/2015	
Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS

E27

Connected light source (CLS)

Color-tuneable light source

No

Envelope

No

High luminance light source

No

Anti-glare shield No

Correlated colour temperature type SINGLE\_VALUE

Standby power 0.0

Networked standby power for CLS 0.0

Claim of equivalent power Yes

Length 95.00 mm

Height 35.00 mm

35.00 mm
0.458
0.410
1
SPHERE_360
0.90
No
523116
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	
PDF	Declarations of conformity	LED CLA CLB CLP T26 CL GLOBE125	
	Photometric and lighting design files	Document name	

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
4058075590670	Folding box 1	39 mm x 39 mm x 109 mm	33.00 g	0.17 dm <sup>3</sup>
4058075590687	Shipping box 10	205 mm x 87 mm x 123 mm	379.00 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.