

# PRODUCT DATASHEET P CLAS B 40 4.8 W/2700 K E14

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°
- 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	97.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	13.00 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)	E14
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

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	
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	0.0	
Networked standby power for CLS	0.0	
Claim of equivalent power	Yes	
Length	97.00 mm	
Height	35.00 mm	
Width	35.00 mm	
Chromaticity coordinate x	0.458	
Chromaticity coordinate y	0.410	
R9 Colour rendering index	1	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
LED light source replaces a fluorescent light source	No	
EPREL ID	523170	
Model number	AC32336	

# 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
	IES file (IES)	LED PCLB40 D 2700 E14
	LDT file (Eulumdat)	LED PCLB40 D 2700 E14
	Light distribution curve type polar	LED PCLB40 D 2700 E14
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K
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### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075591219	Folding box 1	39 mm x 39 mm x 109 mm	27.00 g	0.17 dm <sup>3</sup>
4058075591226	Shipping box 10	205 mm x 87 mm x 123 mm	319.00 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.