

# PRODUCT DATASHEET LED Classic P 25 P 2.8W 827 Frosted E27

PARATHOM® Retrofit CLASSIC P 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
- Lamps with innovative LED "filament" technology
- 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 color rendering CRI  $\geq$  80 and color stability throughout the life of the lamp





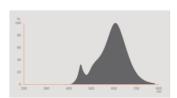
## TECHNICAL DATA

## Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	13 mA
Type of current	AC
Inrush current	0.08 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	200
Max. lamp number on MCB B16 A	350
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	89 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	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	77.00 mm
Diameter	45,0 mm
Maximum diameter	45 mm
Product weight	18.00 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	Frosted
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	3.00 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	LEDPCLP25D 2,8W	
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)	E27	
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	77.00 mm	
Height	45,0 mm	
Width	45,0 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	523124	
Model number	AC32299	

# 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
4058075590816	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm <sup>3</sup>
4058075590823	Shipping box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 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.