PRODUCT DATASHEET
P CLAS P 25 2.8 W/2700 K E14

PARATHOM® Retrofit CLASSIC P DIM | Dimmable LED lamps, classic bulb shape



Areas of application

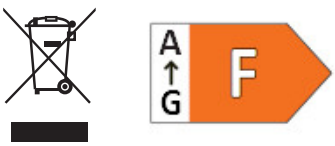
- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- 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 ($R_a \geq 80$) and color stability throughout the life of the lamp



© 2022, LEDVANCE GmbH. All rights reserved.

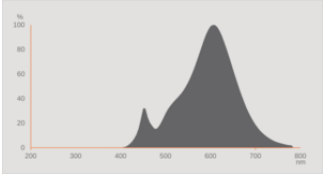
TECHNICAL DATA

Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	13 mA
Type of current	AC
Inrush current	0.08 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	200
Max. lamp no. on circuit break. 16 A (B)	350
Power factor λ	> 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



© 2022, LEDVANCE GmbH. All rights reserved.

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	320.00 °

Dimensions & Weight

Overall length	78.00 mm
Diameter	45,0 mm
Maximum diameter	45 mm
Product weight	13.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	75 °C

Lifespan

Nominal lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E14
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

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC

© 2022, LEDVANCE GmbH. All rights reserved.

Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDPCLP25D 2,8W

Energy labellling 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	78.00 mm
Height	45,0 mm
Width	45,0 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	not applicable
EPREL ID	523163
Model number	AC32330

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075591134	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3

© 2022, LEDVANCE GmbH. All rights reserved.

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075591141	Shipping box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

© 2022, LEDVANCE GmbH. All rights reserved.