

# PRODUCT DATASHEET

## P CLAS P 25 2.5 W/2700 K E14

PARATHOM® CLASSIC P | LED lamps, classic mini-ball shape



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### Areas of application

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

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### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

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### Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Lifetime: up to 15,000 h



- Lamp made of glass
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity

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## TECHNICAL DATA

### Electrical data

Nominal wattage	2.5 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	6.8 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	263
Max. lamp no. on circuit break. 16 A (B)	421
Power factor $\lambda$	> 0,50

### Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	100 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

### Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

### Dimensions & weight

Overall length	77.00 mm
Length	77.00 mm
Diameter	45,0 mm

Maximum diameter	45 mm
Product weight	15.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	58 °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	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

### Capabilities

Dimmable	No
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### Certificates & standards






Energy efficiency class	A++ <sup>1)</sup>
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

### Country-specific categorizations

Order reference	LEDPCLP25 2,5W/
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## DOWNLOAD DATA

DOWNLOAD DATA	
	Certificates 20 04 0004 01.04.2020 OPTOTRONIC
	Certificates EAEC N RU D-DE.MYu62.B.00978 20 10.03.2020-09.03.2025
	Certificates EAEC N RU D-DE.MYu62.B.01095 20 16.03.2020-15.03.2025
	Certificates RU C-RU.AJa46.B.87593 13.09.2018-09.09.2023
	Declarations of conformity LED Classic A,B,P

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075438675	Folding box 1	46 mm x 46 mm x 93 mm	25.00 g	0.20 dm <sup>3</sup>
4058075438682	Shipping box 10	240 mm x 101 mm x 108 mm	308.00 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.