

PRODUCT DATASHEET P CLAS P 25 2.5 W/2700 K E27

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



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- $\,-\,$ 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

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 $R_{a:} \ge 80$; constant chromaticity

TECHNICAL DATA

Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	1.74 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	263
Max. lamp number on MCB B16 A	421
Power factor λ	> 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

Dimensions & Weight

Overall length	77.00 mm
Diameter	45,0 mm
Maximum diameter	45 mm

Product weight	20.00 g		
Temperatures & operating conditions			
Ambient temperature range -20+40 °C			
Maximum temperature at tc test point	60.8 °C		
Lifespan			
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	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		
Certificates & Standards			
Energy efficiency class	F 1)		
Energy consumption	3.00 kWh/1000h		
Type of protection	IP20		
Standards	CE		
Photobiological safety group acc. to EN62778	RG0		
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to Country-specific categorizations	E (lowest efficiency)		
Order reference	LEDPCLP25 2,5W/		
Energy labelling regulation data acc EU 2019/2015			
Light source cap-type (or other electric interface)	E27		

SINGLE_VALUE

Correlated colour temperature type

Length	77.00 mm
Height	45,0 mm
Width	45,0 mm
EPREL ID	1402963
Model number	AC17478

DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	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
4058075287983	Folding box 1	46 mm x 46 mm x 93 mm	30.00 g	0.20 dm ³
4058075287990	Shipping box 10	240 mm x 101 mm x 108 mm	323.00 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.