

# PRODUCT DATASHEET P CLAS P 40 5 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 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	5 W
Construction wattage	5.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	27 mA
Type of current	AC
Inrush current	1.3 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	90
Max. lamp number on MCB B16 A	145
Power factor λ	> 0.70

## Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	94 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	95
Light color	927
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	80.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm

Product weight	32.00 g		
emperatures & operating conditions			
Ambient temperature range	-20+40 °C		
Maximum temperature at tc test point	70 °C		
ifespan			
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	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 / LED lamps contain several electronic components. Under unfavourable condition these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)		
Capabilities Capabilities			
Dimmable	Yes		
Certificates & Standards			
Energy efficiency class	A+ 1)		
Energy consumption	5.00 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 B	E (lowest efficiency)		
Country-specific categorizations			
Order reference	LEDPCLP40D 5W/9		

# Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	80.00 mm
Height	45.00 mm
Width	45.00 mm

# Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075439658	Folding box	46 mm x 46 mm x 113 mm	42.00 g	0.24 dm <sup>3</sup>
4058075439665	Shipping box 10	240 mm x 101 mm x 127 mm	298.00 g	3.08 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.