

PRODUCT DATASHEET

P CLAS P 40 4.5 W/2700 K E14

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



Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

Product features

- Professional LED lamps for line voltage
- Dimmable
- Long lifetime up to 25,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	30 mA
Type of current	AC
Inrush current	5 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	100
Max. lamp number on MCB B16 A	160
Power factor λ	> 0.70

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	104 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 sdc _m
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	240 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	78.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm

Product weight	17.00 g
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Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	99.8 °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)	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 / In preparation

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / ROHS / ERP
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LEDPCLP40D 4,5W
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
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Correlated colour temperature type	SINGLE_VALUE
Length	78.00 mm
Height	45.00 mm
Width	45.00 mm
EPREL ID	1403240
Model number	AC24727

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075462557	Folding box 1	46 mm x 46 mm x 93 mm	27.00 g	0.20 dm ³
4058075462564	Shipping box 10	240 mm x 101 mm x 108 mm	345.00 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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