

# PRODUCT DATASHEET

## P CLAS A 40 4 W/2700 K B22d

PARATHOM® CLASSIC A | 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

- 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

### Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E27



## TECHNICAL DATA

### Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	1,5 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	400
Max. lamp no. on circuit break. 16 A (B)	480
Power factor $\lambda$	> 0,40

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 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 sdcn
Rated LLMF at 6,000 h	0.80
Мярка за трептене (Pst LM)	1.0
Мярка за стробоскопичен ефект (SVM)	0.9



**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	104.00 mm
Diameter	60,00 mm
Maximum diameter	60 mm
Product weight	31,00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	65 °C

**Lifespan**

Lifespan	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)	B22d
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
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**Certificates & Standards**

Energy efficiency class	E 1)
Energy consumption	4.00 kWh/1000h

Type of protection	IP20
Standards	CE / EAC
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	LEDPCLA40 4W/82
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### Данни за енергийно етикетиране съгласно EU 2019/2015

Използвана технология за осветление	LED
Ненасочен или насочен	NDLS
Захранван или незахранван от електрическата мрежа	MLS
Тип на цокъла на светлинния източник (или друг електрически интерфейс)	B22d
Свързан светлинен източник (CLS)	No
Светлинен източник с възможност за настройване на цвета	No
Плик	No
Светлинен източник с висока яркост	No
Защита от заслепяване	No
Тип на корелирана цветна температура	SINGLE_VALUE
Заявена еквивалентна мощност	Yes
Length	104.00 mm
Height	60.00 mm
Width	60.00 mm
Координати на цветността x	0.463
Координати на цветността y	0.420
R9 индекс на цвето предаване	0.00
Ъгъл на светлината	SPHERE_360
Коефициент на дълготрайност	0.90
Фактор на мощността	0.40
Светодиодният светлинен източник заменя луминесцентен светлинен източник	No
EPREL ID	523220
Model number	AC32413

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075592155	Folding box 1	60 mm x 60 mm x 111 mm	45.00 g	0.40 dm <sup>3</sup>
4058075592162	Shipping box 10	315 mm x 131 mm x 126 mm	544.00 g	5.20 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.

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## DISCLAIMER

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