

PRODUCT DATASHEET

P CLAS A 60 FR 8.5 W/2700 K B22d

PARATHOM® CLASSIC A | LED lamps, classic bulb shape



Areas of application

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

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Nominal wattage	8.5 W
Construction wattage	8.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	65 mA
Type of current	AC
Inrush current	3.96 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	149
Max. lamp number on MCB B16 A	240
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 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	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	200 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	106.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm

Product weight	33.00 g
----------------	---------

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	95 °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)	B22d
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
----------	----

Certificates & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

ILCOS	DRAA/F-8,5/827-220-240-B22d-60
Order reference	LEDPCA60 8,5W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
---	------

Length	106.00 mm
Height	60.00 mm
Width	60.00 mm

Safety advice

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

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	AC08346_CLA60 8,5W 220-240V FR B22D
	LDT file (Eulumdat)	AC08346_CLA60 8,5W 220-240V FR B22D
	UGR file (UGR table)	LEDPCA60 8,5W 827 230VFR B22D FS1 OSRAM
	Light distribution curve type cone	LEDPCA60 8,5W 827 230VFR B22D FS1 OSRAM
	Light distribution curve type polar	LEDPCA60 8,5W 827 230VFR B22D FS1 OSRAM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075292314	Folding box 1	60 mm x 60 mm x 111 mm	47.00 g	0.40 dm ³
4058075292321	Shipping box 10	325 mm x 136 mm x 126 mm	563.00 g	5.57 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 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.