

PRODUCT DATASHEET P CLAS B 40 FR 4.9 W/2700 K E14

PARATHOM® CLASSIC B DIM | Dimmable LED lamps, classic mini-candle 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 (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime: up to 25,000 h
- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity





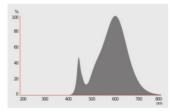
TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	30 mA
Type of current	AC
Inrush current	0.2 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	266
Max. lamp no. on circuit break. 16 A (B)	426
Total harmonic distortion	150 %
Power factor λ	> 0.70

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 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
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

Beam angle	280 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	280.00 °

Dimensions & Weight

Overall length	102.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	22.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	<95 °C

Lifespan

Lifespan	25000 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)	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
Certificates & Standards	
Energy efficiency class	F ¹⁾
Energy consumption	5.00 kWh/1000h
	IP20
Type of protection	
Type of protection Standards	CE / ROHS / REACH / ERP
	CE / ROHS / REACH / ERP RG1
Standards	RG1
Standards Photobiological safety group acc. to EN62778 1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (light)	RG1
Standards Photobiological safety group acc. to EN62778 1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (leading to the country-specific categorizations)	RG1 owest efficiency)
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No

No

0.00 W

102.00 mm

35.00 mm

Yes

SINGLE_VALUE

High luminance light source

Claim of equivalent power

Correlated colour temperature type

Anti-glare shield

Standby power

Length

Height

Width	35.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	523287
Model number	AC31129

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075594265	Folding box 1	39 mm x 39 mm x 109 mm	36.00 g	0.17 dm³
4058075594272	Shipping box 10	205 mm x 87 mm x 123 mm	408.00 g	2.19 dm³

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.