

PRODUCT DATASHEET LED Classic P 25 Filament V 2.9W 830 Frosted E14

LED CLASSIC P V | LED lamps, classic mini-ball shape



Areas of application

- General illumination

- Domestic applications
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering CRI \geq 80 and color stability throughout the life of the lamp



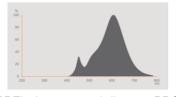
TECHNICAL DATA

Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	1.18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	63
Max. lamp number on MCB B16 A	93
Total harmonic distortion	160 %
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	250 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	80
Light color	830
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	84.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	15.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	60 °C

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
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

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LOGISTICAL DATA

Energy labelling regulation data acc EU 2019/2015

Lighting technology usedLEDNon-directionalNDLSMains or non-mainsMLSLight source cap-type (or other electric interface)E14Connected light source (CLS)NoColor-tuneable light sourceNoColor-tuneable light sourceNoEnvelopeNoAnti-giare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powerOWClain of equivalent powerYesLegth45.00 mmVirdth64.00 mmKirdth0.4339Chromaticity coordinate x0.4333Ry Colour rendering index1		
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Height 45.00 mm Width 45.00 mm Chromaticity coordinate x 0.4339 Chromaticity coordinate y 0.4033	Claim of equivalent power	Yes
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Chromaticity coordinate y 0.4033	Width	45.00 mm
	Chromaticity coordinate x	0.4339
R9 Colour rendering index 1	Chromaticity coordinate y	0.4033
	R9 Colour rendering index	1

Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	2191344
Model number	AC70260

Safety advice

- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name	
POF	Declarations of conformity	LED lamps	
PDF	Declarations of conformity UKCA	LED lamps	
	Photometric and lighting design files	Document name	
Ľ	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854485817	Folding box 1	46 mm x 49 mm x 88 mm	25.00 g	0.20 dm ³
4099854485824	Shipping box 10	240 mm x 108 mm x 102 mm	306.00 g	2.64 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.

DISCLAIMER

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

⁻ Do not touch the lamp if broken.