

PRODUCT DATASHEET LED Classic A 100 Filament P 11W 827 Clear E27

PARATHOM® CLASSIC A | LED lamps, classic bulb shape



Areas of application

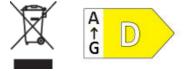
- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity



TECHNICAL DATA

Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	80 mA
Type of current	AC
Inrush current	9.5 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	18
Max. lamp number on MCB B16 A	23
Total harmonic distortion	110 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.93
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

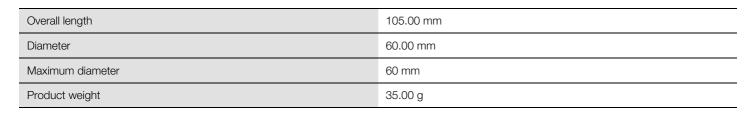


EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	70 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation) E2	E27
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Mercury content	0.0 mg
Design / version	Clear

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	D
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEDPCLA100 11W/
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Energy labelling regulation data acc EU 2019/2015

Lighting technology usedLEDNon-directional or directionalNDLSMains or non-mainsMLSLight source cap-type (or other electric interface)E27Connected light source (CLS)NoColor-tuneable light sourceNoEnvelopeNoHigh luminance light sourceNoAnt-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powernot applicableNetworked standby power for CLSnot applicableLighth0.00 mmHight Light0.00 mmHight0.00 mmChromaticity coordinate x0.463Chromaticity coordinate x0.420Protocur temperature type0.420Rem angle correspondenceSPHER_360		
Mains or non-mains MLS Light source cap-type (or other electric interface) E27 Connected light source (CLS) No Color-tuneable light source No Color-tuneable light source No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power not applicable Networked standby power for CLS not applicable Length 105.00 mm Hight 60.00 mm With 60.00 mm With 60.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y 0.420	Lighting technology used	LED
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Connected light source (CLS)NoColor-tuneable light sourceNoEnvelopeNoHigh luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powernot applicableNetworked standby power for CLSnot applicableClaim of equivalent powerYesLength60.00 mmWidth60.00 mmChromaticity coordinate x0.483Chromaticity coordinate y11By Olour rendering index1	Mains or non-mains	MLS
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R9 Colour rendering index 1	Chromaticity coordinate x	0.463
	Chromaticity coordinate y	0.420
Beam angle correspondence SPHERE_360	R9 Colour rendering index	1
	Beam angle correspondence	SPHERE_360

Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	1151043
Model number	AC41124

Safety advice

– Do not touch the lamp if broken.

- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name		
PDF	Declarations of conformity	LED lamp CL A/B/P FIL		
	Photometric and lighting design files	Document name		
1	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
4058075756540	Folding box 1	60 mm x 60 mm x 111 mm	49.00 g	0.40 dm ³
4058075756557	Shipping box 10	315 mm x 131 mm x 126 mm	584.00 g	5.20 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.