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	220…240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	80 mA
Type of current	AC
Inrush current	9.5 A
Operating frequency	50…60 Hz
Mains frequency	50…60 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

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	35.00 g

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)	E27

Mercury content	0.0 mg
Design / version	Clear

Capabilities

Dimmable	No

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/

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	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
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
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
	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.