

# PRODUCT DATASHEET LED Classic A 100 Filament P 11W 840 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
- Can be easily fitted instead of ordinary light bulbs

#### **Product features**

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E27
- Lifetime up to 15,000 h



May 05, 2025, 01:58:47 LED Classic A 100 Filament P 11W 840 Clear E27 - Lamp made of glass

– Good quality of light; color rendering index  ${\sf R}_{a^{*}}$   $\geq$  80; constant chromaticity

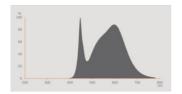
## TECHNICAL DATA

### 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 $\lambda$	> 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)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
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

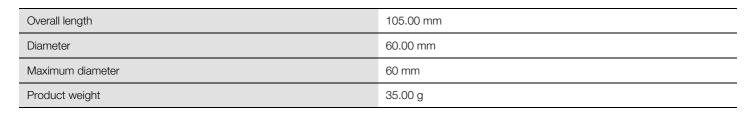


LISO spectral power distribution 4000K CRI80 v1

### 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 sourceNoGorrelated sourceSINGLE_VALUECorrelated colour temperature typeSINGLE_VALUEStandby power for CLSnot applicableCaim of equivalent powerYesLight for a for a power for CLSSinonHeight10:00 mmHeight60:00 mmKith60:00 mmKith60:00 mmChromaticity coordinate x0.30Phonaticity coordinate y60:00 mmBeam angle correspondenceSPHEE_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       Envelope     No       High luminance light source     No       Ant-glare shield     No       Correlated colour temperature type     SINGLE_VALUE       Standby power     not applicable       Networked standby power for CLS     not applicable       Liegth     105.00 mm       Hight     60.00 mm       Width     60.00 mm       Width     0.380       Chromaticity coordinate y     0.380	Lighting technology used	LED
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     Correlated colour temperature type   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     Width   0.380     Chromaticity coordinate x   0.380     Chromaticity coordinate y   0.380	Non-directional or directional	NDLS
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 powerYesLength105.00 mmWidth60.00 mmVidth0.380Chromaticity coordinate x0.380Chromaticity coordinate y0.000	Mains or non-mains	MLS
Color-tuneable light sourceNoEnvelopeNoHigh luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powernot applicableNetworked standby power for CLSnot applicableClaim of equivalent powerYesLength105.00 mmHeight60.00 mmVidth0.380Chromaticity coordinate x0.380RP Colour rendering index0.00	Light source cap-type (or other electric interface)	E27
EnvelopeNoHigh luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powernot applicableNetworked standby power for CLSnot applicableClaim of equivalent powerYesLength105.00 mmHeight60.00 mmVidth0.380Chromaticity coordinate x0.380RP Colour rendering index0.00	Connected light source (CLS)	No
High luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powernot applicableNetworked standby power for CLSnot applicableClaim of equivalent powerYesLength105.00 mmHight60.00 mmWidth60.00 mmChromaticity coordinate x0.380R9 Colour rendering index0.00	Color-tuneable light source	No
Anti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby powernot applicableNetworked standby power for CLSnot applicableClaim of equivalent powerYesLength105.00 mmHeight60.00 mmWidth60.00 mmChromaticity coordinate x0.380Chromaticity coordinate y0.380R9 Colour rendering index0.00	Envelope	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   0.380     Chromaticity coordinate x   0.380     R9 Colour rendering index   0.00	High luminance light source	No
Standby powernot applicableNetworked standby power for CLSnot applicableClaim of equivalent powerYesLength105.00 mmHeight60.00 mmWidth60.00 mmChromaticity coordinate x0.380R9 Colour rendering index0.00	Anti-glare shield	No
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   0.380     R9 Colour rendering index   0.00	Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent powerYesLength105.00 mmHeight60.00 mmWidth60.00 mmChromaticity coordinate x0.380Chromaticity coordinate y0.380R9 Colour rendering index0.00	Standby power	not applicable
Length   105.00 mm     Height   60.00 mm     Width   60.00 mm     Chromaticity coordinate x   0.380     Chromaticity coordinate y   0.380     R9 Colour rendering index   0.00	Networked standby power for CLS	not applicable
Height 60.00 mm   Width 60.00 mm   Chromaticity coordinate x 0.380   Chromaticity coordinate y 0.380   R9 Colour rendering index 0.00	Claim of equivalent power	Yes
Width60.00 mmChromaticity coordinate x0.380Chromaticity coordinate y0.380R9 Colour rendering index0.00	Length	105.00 mm
Chromaticity coordinate x 0.380   Chromaticity coordinate y 0.380   R9 Colour rendering index 0.00	Height	60.00 mm
Chromaticity coordinate y 0.380   R9 Colour rendering index 0.00	Width	60.00 mm
R9 Colour rendering index 0.00	Chromaticity coordinate x	0.380
	Chromaticity coordinate y	0.380
Beam angle correspondence SPHERE_360	R9 Colour rendering index	0.00
	Beam angle correspondence	SPHERE_360

Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	1151037
Model number	AC41118

## 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	LISO spectral power distribution 4000K CRI80 v1		

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075756502	Folding box 1	60 mm x 60 mm x 111 mm	49.00 g	0.40 dm <sup>3</sup>
4058075756519	Shipping box 10	315 mm x 131 mm x 126 mm	584.00 g	5.20 dm <sup>3</sup>

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.