

PRODUCT DATASHEET LED Classic A 60 Filament DIM CRI97 S 7.2W 927 Frosted E27

LED CLASSIC A DIM CRI97 S | Dimmable LED lamps, classic bulb shape, CRI97



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Low flickering

Product features

- High CRI & R9 for a natural lighting experience
- Dimmable
- LED lamps for line voltage
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Very high number of switching cycles up to 100,000





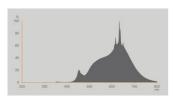
TECHNICAL DATA

Electrical data

Nominal wattage	7.2 W
Construction wattage	7.20 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	46 mA
Type of current	AC
Inrush current	0.046 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	217
Max. lamp number on MCB B16 A	347
Total harmonic distortion	83 %
Power factor λ	0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	111 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	97
Light color	927
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4



Spectral graph classic A 2700K DIM

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	30.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	51 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	E27
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	Yes ¹⁾
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¹⁾ Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	E 1)

Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
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		
Order reference	LEDCLA60DIM 7.2	
LOGISTICAL DATA		
Temperature range at storage	-20+80 °C	
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	

No

SINGLE_VALUE

60.00 mm

Height

EPREL ID

Standby power	0 W
Claim of equivalent power	Yes

Length	105.00 mm
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Width	60.00 mm

Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420

Chilothalicity Coordinate y	0.42

R9 Colour rendering index	1

Beam angle correspondence	SPHERE_360
Sun/ival factor	0.90

Displacement factor	0.50

LED light source replaces a fluorescent light source	No

Model number	AC45244,AC57841,AC57841,AC93198

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	
PDF	Declarations of conformity UKCA	LED Lamp	
	Photometric and lighting design files	Document name	
	Spectral power distribution	Spectral graph classic A 2700K DIM	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854065231	Folding box 1	61 mm x 61 mm x 106 mm	43.00 g	0.39 dm ³
4099854065248	Shipping box 10	315 mm x 132 mm x 124 mm	523.00 g	5.16 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.