

PRODUCT DATASHEET LED Classic A 75 Filament DIM CRI97 S 9.5W 927 Frosted E27

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



Areas of application

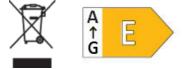
- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

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



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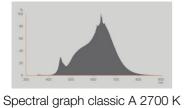
TECHNICAL DATA

Electrical data

Nominal wattage	9.5 W
Construction wattage	9.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	63 mA
Type of current	AC
Inrush current	0.063 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	159
Max. lamp number on MCB B16 A	254
Total harmonic distortion	83.70 %
Power factor λ	0.50

Photometrical data

Luminous flux	1055 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 К
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



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	66.4 °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

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	E ¹⁾
Energy consumption	10.00 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	LEDCLA75DIM 9.5

LOGISTICAL DATA

Energy labelling regulation data acc EU 2019/2015

Lighting technology usedLEDNon-directional or directionalNDLSMains or non-mainsMLSLight source cap-type for other electric interface)E27Connected light source (CLS)NoCohor-tuneable light sourceNoEnvelopeNoHigh tuminance light sourceNoCorlected colour temperature typeSinGLE_VALUECorlected colour temperature typeSinGLE_VALUECalam of equivalent powerVeLiegth0.00 mmHight functionatorySinGLEVicth0.00 mmChromaticity coordinate x0.463Chromaticity coordinate y1.420Picepoint forceSinGLESindoly condinate y0.420Chromaticity coordinate x0.420Sinduly condinate x0.420Sinduly condinate y0.420Chromaticity coordinate y0.90Sinduly condinate y0.90Sinduly factor0.90Diplocroment factor0.50Lippitationate y0.50Chromaticity coordinate y0.50Colour rendering index0.50Chromaticity coordinate y0.50Colour rendering index0.50Chromaticity coordinate y0.50Colour rendering index0.50Colour rendering index0.50Colour rendering index0.50Colour rendering index0.50Colour rendering index0.50Colour rendering index0.50Colour rendering index0.50 <th colspan="2"></th>		
Mains or non-mainsMLSLight source cap-type (or other electric interface)E27Connected light source (CLS)NoCohor-tuneable light sourceNoEnvelopeNoEnvelopeNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEClaim of equivalent power0WClaim of equivalent power90.00 mmHeight00.00 mmHeight0.00 mmWidth0.463Chromaticity coordinate x0.420Pio Coordinate y9.420Standsy power0.430Chromaticity coordinate y0.430Beam angle correspondenceSPHERE_380Survival factor0.30Displacement factor0.50	Lighting technology used	LED
Light source core (or other electric interface)E27Connected light source (CLS)NoColor-tuneable light sourceNoEnvelopeNoHigh luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby power0 WClaim of equivalent power0 NoHight105.00 mmHight60.00 mmWidth0.420Chromaticity coordinate x0.463Chromaticity coordinate y1Bean angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50	Non-directional or directional	NDLS
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Anti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby power0 WClaim of equivalent powerYesLength105.00 mmHeight60.00 mmWidth60.00 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420R9 Colour rendering index1Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50	Envelope	No
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Claim of equivalent powerYesLength105.00 mmHeight60.00 mmWidth60.00 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420R9 Colour rendering index1Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50	Correlated colour temperature type	SINGLE_VALUE
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Height60.00 mmWidth60.00 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420R9 Colour rendering index1Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50	Claim of equivalent power	Yes
Width60.00 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420R9 Colour rendering index1Beam angle correspondenceSPHERE_360Survival factor0.90Displacement factor0.50	Length	105.00 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 0.50	Height	60.00 mm
Chromaticity coordinate y 0.420 R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.50	Width	60.00 mm
R9 Colour rendering index 1 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.50	Chromaticity coordinate x	0.463
Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.50	Chromaticity coordinate y	0.420
Survival factor 0.90 Displacement factor 0.50	R9 Colour rendering index	1
Displacement factor 0.50	Beam angle correspondence	SPHERE_360
	Survival factor	0.90
LED light source replaces a fluorescent light source No	Displacement factor	0.50
	LED light source replaces a fluorescent light source	No

EPREL ID	1370527,1854797
Model number	AC45245,AC57842,AC57842

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854065279	Folding box 1	61 mm x 61 mm x 106 mm	43.00 g	0.39 dm ³
4099854065286	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.