

# product\_datasheet\_title

## LED Superstar Classic A 100 Filament DIM 11W 840 Clear E27

LED Retrofit CLASSIC A DIM | Dimmable LED lamps, classic bulb shape



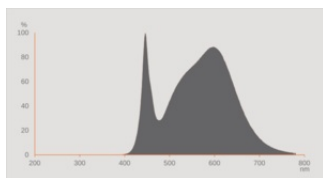
## technical\_data

## ELECTRICAL DATA

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	100 W
Nominal current	52 mA
Type of current	AC
Inrush current	1.66 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	271
Max. lamp number on MCB B16 A	433
Total harmonic distortion	13.5 %
Power factor $\lambda$	$\geq 0.70$

## PHOTOMETRICAL DATA

Luminous flux	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	$\leq 6$ sdc
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	$\leq 1.0$
Stroboscope effect metric (SVM)	$\leq 0.4$



LISO spectral power distribution  
4000K CRI80 v1

## LIGHT TECHNICAL DATA

Beam angle	300 °
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	31.00 g

## TEMPERATURES & OPERATING CONDITIONS

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	≤80 °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
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Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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 <sup>1)</sup>
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<sup>1)</sup> Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

## CERTIFICATES & STANDARDS

Energy efficiency class	D <sup>1)</sup>
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA
Photobiological safety group acc. to EN62778	RG1

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## COUNTRY-SPECIFIC CATEGORIZATIONS

Order reference	LEDSCLA100D 11W
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## LOGISTICAL DATA





Temperature range at storage	-20...+80 °C
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## Energy labelling regulation data

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	0.380
Chromaticity coordinate y	0.380
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.7
LED light source replaces a fluorescent light source	no
EPREL ID	1403340,523136,1151034,1361286
Model number	AC32312,AC41115,AC45140,AC24248

### download\_data

Documents and certificates		document_name
	Declarations Of Conformity CE	LED lamp CL A/B/P FIL
	Declarations Of Conformity CE	LED lamps CLA,B,G,P
	Declarations Of Conformity CE	LED CLASSIC
Photometric and lighting design files		document_name
	Spectral power distribution	LISO spectral power distribution 4000K CRI80 v1

### logistical\_data

product_code	packaging_unit	dimensions	weight	volume
4058075448100	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm <sup>3</sup>
4058075448117	Shipping box 10	381 mm x 153 mm x 136 mm	456.00 g	7.93 dm <sup>3</sup>

product_code	packaging_unit	dimensions	weight	volume
4058075610828	Shipping box 6	202 mm x 134 mm x 120 mm	400.00 g	3.25 dm <sup>3</sup>

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disclaimer\_title

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