

PRODUCT DATASHEET LED Superstar Classic P 25 Filament DIM 1.8W 827 Clear E27

LED Retrofit CLASSIC P DIM | Dimmable LED lamps, classic mini-ball 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
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Design, dimensions, luminous flux comparable to an incandescent lamp

Product features

- LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index Ra; ≥ 80; constant chromaticity



1.8W 827 Clear E27



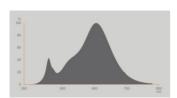
TECHNICAL DATA

Electrical data

Nominal wattage	1.8 W
Construction wattage	1.80 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	15 mA
Type of current	AC
Inrush current	0.41 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	500
Max. lamp number on MCB B16 A	632
Total harmonic distortion	177.30 %
Power factor λ	> 0.53

Photometrical data

Luminous flux	250 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
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



Spectral graph Classic 2700K DIM

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	84.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	21.00 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

Additional product data

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

Certificates & Standards

Energy efficiency class	D 1)
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
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	LEDSCLP25D 1,8W

LOGISTICAL DATA

Temperature range at storage	-20+80 °C
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Energy labelling regulation data acc EU 2019/2015

Non-directional or directional Mains or non-mains MLS Light source cap-type (or other electric interface) E27 Connected light source (CLS)	
Light source cap-type (or other electric interface)	
Connected light source (CLS)	
Color-tuneable light source No	
Envelope No	
High luminance light source No	
Anti-glare shield No	
Correlated colour temperature type SINGLE_VALUE	E
Standby power 0 W	
Claim of equivalent power Yes	
Length 84.00 mm	
Height 45.00 mm	
Width 45.00 mm	
Chromaticity coordinate x 0.4578	
Chromaticity coordinate y 0.4101	
R9 Colour rendering index 1	

Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	20.5
LED light source replaces a fluorescent light source	No
EPREL ID	2173454,2363540
Model number	AC69854,AC84067

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 Classic lamps
PDF	Declarations of conformity	LED Lamp
PDF	Declarations of conformity UKCA	LED Classic lamps
POF	Declarations of conformity UKCA	LED Lamp

Photometric and lighting design files	Document name
Spectral power distribution	Spectral graph Classic 2700K DIM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854443886	Folding box	46 mm x 49 mm x 119 mm	32.00 g	0.27 dm ³
4099854443893	Shipping box	159 mm x 111 mm x 95 mm	267.00 g	1.68 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.