

PRODUCT DATASHEET LED Superstar Classic B 25 Filament DIM 2.8W 827 Clear E14

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



Areas of application

- Perfect for decorative installations
- Decorative applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Very low energy consumption
- 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 R_a : \geq 80; constant chromaticity

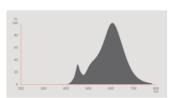
TECHNICAL DATA

Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	13 mA
Type of current	AC
Inrush current	0.08 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	200
Max. lamp no. on circuit break. 16 A (B)	350
Power factor λ	> 0.50

Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	89 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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



Light technical data

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

Dimensions & Weight

Overall length	97.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	13.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	75 ℃

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E14
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 / LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

Capabilities

Dimmable	Yes ¹⁾

Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RGO

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

Country-specific categorizations

Color-tuneable light source

High luminance light source

Envelope

Order reference	LEDSCLB25D 2,8W	
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)	E14	
Connected light source (CLS)	No	

No No

No

Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.0
Networked standby power for CLS	0.0

Claim of equivalent power	Yes
Length	97.00 mm

Height	35.00 mm

Width	35.00 mm
Chromaticity coordinate x	0.458

Chromaticity coordinate y	0.410

R9 Colour rendering index	>0

Beam angle correspondence SPH	ERE_360
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Survival factor	0.90
Displacement factor	0,50

¹⁾ Check dimmer compatibility at ledvance.com/compatibility

LED light source replaces a fluorescent light source	No
EPREL ID	1403332,523129
Model number	AC32304,AC24240

DOWNLOAD DATA

Documents and certificates Declarations Of Conformity CE

Photometric and lighting design files



PDF

Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075436824	Folding box 1	36 mm x 49 mm x 145 mm	25.00 g	0.26 dm ³
4058075436831	Shipping box 10	201 mm x 111 mm x 120 mm	323.00 g	2.68 dm³
4058075611078	Shipping box	129 mm x 111 mm x 120 mm	205.00 g	1.72 dm³

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.