PRODUCT DATASHEET
LED Star Classic B 25 3.3W 827 Frosted E14

LED STAR CLASSIC B | LED lamps, classic mini-candle shape

Areas of application

– Domestic applications
– General illumination
– Chandeliers
– Outdoor use in suitable outdoor luminaires only

Product benefits

– Low energy consumption
– Easy replacement of classic lamps thanks to compact design
– Instant 100 % light, no warm-up time

Product features

– LED alternative to conventional lamps
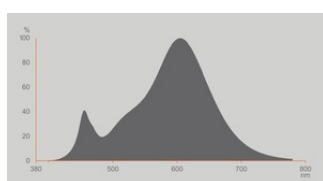– Mercury-free lamps

TECHNICAL DATA

Electrical data

Nominal wattage	3.3 W
Construction wattage	3.30 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	32 mA
Type of current	AC
Inrush current	2.48 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	45
Max. lamp no. on circuit break. 16 A (B)	70
Power factor λ	> 0.50

Photometrical data
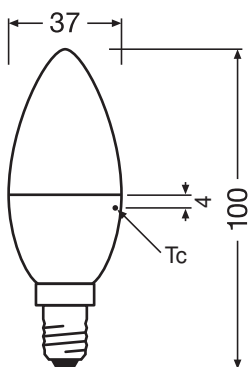
Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	75 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

Light technical data

Beam angle	200 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	96.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	15.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	73.3 °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)	E14
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	No

Certificates & Standards

Energy efficiency class	G [1]
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / LVD / EMC / SLR / ROHS / REACH
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	LEDSCLB25 3,3W/

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)	E14
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	0.00 W
Networked standby power for CLS	0.00 W

Claim of equivalent power	Yes
Length	96.00 mm
Height	37.00 mm
Width	37.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	1403236,523315,1351513
Model number	AC31157,AC45011,AC24723

DOWNLOAD DATA

Documents and certificates
Declarations Of Conformity CE

Photometric and lighting design files
Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075430730	Folding box 1	36 mm x 49 mm x 145 mm	27.00 g	0.26 dm³
4058075588752	Shipping box 6	129 mm x 111 mm x 120 mm	220.00 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.

References / Links

− For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
− For Guarantee see www.ledvance.com/guarantee

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