PRODUCT DATASHEET
SST CLAS B 25 2.8 W/4000 K E14

PARATHOM® Retrofit CLASSIC B | LED lamps, classic mini-candle 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
– Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
– No UV and near-IR radiation in the light beam
– Instant 100 % light, no warm-up time
– Can be easily fitted instead of ordinary light bulbs
– Lower thermal output (compared with the standard reference product)
– Lower energy consumption than incandescent or halogen lamps

Product features

– Professional LED lamps for line voltage
– Beam angle: up to 300°
– Not dimmable

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– Base: E14
– Lifetime up to 15,000 h
– Lamp made of glass
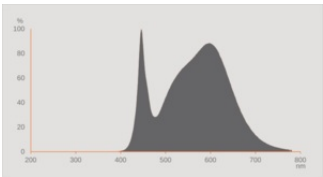– Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

TECHNICAL DATA

Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	13 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
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)	Cool White
Color temperature	4000 K
Color rendering index Ra	> 80
Light color	840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

LISO spectral power distribution
4000K CRI80 v1

Light technical data

Beam angle	200 °

Dimensions & Weight

Overall length	80.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	13.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	F
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / REACH / RoHS / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEDSCLB25D2,8W/

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	0.0 W
Claim of equivalent power	Yes
Length	80.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0,38
Chromaticity coordinate y	0,38
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	0,5
LED light source replaces a fluorescent light source	No
EPREL ID	1138894
Model number	AC40817

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 lamp CL A/B/P FIL

	Photometric and lighting design files	Document name
	Spectral power distribution	LISO spectral power distribution 4000K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075749696	Folding box 1	36 mm x 49 mm x 145 mm	25.00 g	0.26 dm³
4058075749702	Shipping box 6	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.