PRODUCT DATASHEET
ST CLAS B 40 4 W/2700 K E14

LED 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
– Lower thermal output (compared with the standard reference product)
– Can be easily fitted instead of ordinary light bulbs

Product features

– Professional LED lamps for line voltage
– Not dimmable
– Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

- Lifetime: up to 15,000 h
- Lamp made of glass

TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	7.3 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	156
Max. lamp no. on circuit break. 16 A (B)	250
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 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

Light technical data

Beam angle	300 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight

Overall length	100.00 mm
Diameter	35.00 mm

Maximum diameter	35 mm
Product weight	16.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	68 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 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 / In development, data preliminary

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E [1]
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

[1] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

ILCOS	DRBB/C-4/827-220/240-E14-35
Order reference	LEDSCLB40 4W/82

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	100.00 mm
Height	35.00 mm
Width	35.00 mm
EPREL ID	1403384

DOWNLOAD DATA

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899941557	Blister 1	42 mm x 140 mm x 120 mm	31.00 g	0.71 dm³
4058075815773	Blister 2	41 mm x 140 mm x 185 mm	60.00 g	1.06 dm³
4052899941564	Shipping box 6	262 mm x 153 mm x 132 mm	267.00 g	5.29 dm³
4058075815780	Shipping box 12	262 mm x 153 mm x 201 mm	443.00 g	8.06 dm³
4052899941571	0			

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.