

PRODUCT DATASHEET

SST CLAS B 40 5.5 W/2700 K/4000 K E14

LED RELAX and ACTIVE CLASSIC B | LED lamps with two light colors in one lamp



Areas of application

- Supports the bio rhythm when used in bed and children's room
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Creates individual atmospheres: Warm White to relax, Cool White for activity
- Easy change of color temperature with double click of wall switch
- Always fitting light due to two light colors in one lamp: Warm White and Cool White
- Supports the biorhythm through activating and relaxing light color
- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Makes rooms multi-purpose with adjustable light atmosphere
- Turns kitchens, living rooms or home offices into either a work place or relax area

Product features

- Provides color temperatures of 2,700 K and 4,000 K in the same lamp
- Controllable via standard wall switch
- Good quality of light; color rendering index $R_a: \geq 80$
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	48 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	85 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White / Cool White
Color temperature	2700 K/4000 K
Color rendering index Ra	≥80
Light color	827/840
Standard deviation of color matching	≤6 sdc

Light technical data

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

Dimensions & Weight

Overall length	105.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	50.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

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	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
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Certificates & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE

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

Country-specific categorizations

ILCOS	DRBB/F-5/827/840-220-240-E14-36
Order reference	LEDSCLB40ACT/RE

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	105.00 mm
Height	35.00 mm
Width	35.00 mm

DOWNLOAD DATA

Photometric and lighting design files



IES file (IES)



LDT file (Eulumdat)



LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075814936	Blister 1	42 mm x 140 mm x 120 mm	73.00 g	0.71 dm ³
4058075814943	Shipping box 6	262 mm x 153 mm x 136 mm	510.00 g	5.45 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.