

PRODUCT DATASHEET

CLAS A FR 40 4.9 W/2700 K E27

LED Antibacterial Classic | Consumer Antibacterial Led Lamp With Classic Bulb



Areas of application

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs
- Decompose and neutralize odors
- Harmless to humans and animals
- Fights airborne germs: Escherichia coli, H1N1 (Flu)

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp



TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	45 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	95 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 sdcn

Light technical data

Beam angle	200 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	95.00 mm
Diameter	55.00 mm
Maximum diameter	55 mm
Product weight	24.00 g

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
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Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
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	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
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

Order reference	LCCLA40 4,9W/82
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	95.00 mm
Height	55.00 mm
Width	55.00 mm
Displacement factor	0.5
EPREL ID	1403217,734826
Model number	AC36872,AC24701

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LCCLA40 5,5W 827
	Light distribution curve type polar	LCCLA40 5,5W 827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075560710	Folding box 1	55 mm x 55 mm x 94 mm	30.00 g	0.28 dm³
4058075560727	Shipping box 10	290 mm x 119 mm x 110 mm	405.00 g	3.80 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.