

## PRODUCT DATASHEET

### CLAS P FR 60 7 W/4000 K E14

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	7 W
Construction wattage	7.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	56 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	115 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Neutral White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcn

### Light technical data

Beam angle	180 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	90.00 mm
Diameter	47.00 mm
Maximum diameter	47 mm
Product weight	18.00 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)	E14
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	7.00 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	LCCLP60 7W/840
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**Energy labelling regulation data acc EU 2019/2015**

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	90.00 mm
Height	47.00 mm
Width	47.00 mm
EPREL ID	734852
Model number	AC36906

**DOWNLOAD DATA**

Photometric and lighting design files		Document name
	IES file (IES)	LCCLP60 7,5W 840

Photometric and lighting design files	Document name
Light distribution curve type polar	LCCLP60 7,5W 840

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075561632	Folding box 1	45 mm x 45 mm x 87 mm	39.00 g	0.18 dm <sup>3</sup>
4058075561649	Shipping box 10	245 mm x 105 mm x 111 mm	454.00 g	2.86 dm <sup>3</sup>

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.