

# PRODUCT DATASHEET

## LED STAR CLAS A 60 FR 7 W/2700 K B22d

LED Retrofit CLASSIC A | LED lamps, classic bulb 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
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

### Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass



- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity

## 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	52 mA
Type of current	AC
Inrush current	6.3 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	96
Max. lamp number on MCB B16 A	154
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	806 lm
Luminous efficacy	115 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	$\geq 80$
Light color	827
Standard deviation of color matching	$\leq 6$ sdcm

## Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

## Dimensions &amp; Weight

Overall length	104.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	29.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	62 °C

## 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)	B22d
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 &amp; Standards

Energy efficiency class	E <sup>1)</sup>
Energy consumption	7.00 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	DRAA/F-7/827-220/240-B22d-60
Order reference	LEDSCLA607W/827

## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
Correlated colour temperature type	SINGLE_VALUE

Length	104.00 mm
Height	60.00 mm
Width	60.00 mm
EPREL ID	1402911
Model number	AC03078

### 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 EC Declaration LED Classic A, B, P Lamps

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075808454	Blister 1	61 mm x 140 mm x 120 mm	43.00 g	1.02 dm <sup>3</sup>
4058075809888	Shipping box 6	381 mm x 153 mm x 132 mm	412.00 g	7.69 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

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