

# PRODUCT DATASHEET CLAS A 60 DIM P 7W 827 FIL FR B22D

LED CLASSIC A DIM P | Dimmable 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**

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

## **Product features**

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Base: E27, B22d
- Lifetime: up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index  $R_a$ :  $\geq$  80; constant chromaticity





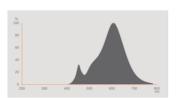
# **TECHNICAL DATA**

# Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	42 mA
Type of current	AC
Inrush current	0.055 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	190
Max. lamp no. on circuit break. 16 A (B)	304
Total harmonic distortion	84 %
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	0.93
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
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



# 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	104.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	30.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	40.6 °C

# Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.93
Rated lamp survival factor at 6,000	≥ 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**

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# Certificates & Standards

Energy efficiency class	E
Energy consumption	7.00 kWh/1000h

Type of protection	IP20
Standards	CE / LVD / EMC / UKCA / ERP / ROHS / REACH
Photobiological safety group acc. to EN62778	RG1
ountry-specific categorizations	
Order reference	LEDCLA60DIM 7W
OGISTICAL DATA	
Temperature range at storage	-20+80 °C
nergy labelling regulation data acc EU 2019/2015	
Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	B22d
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	Yes
Length	104.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	<b>⊠</b> 0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1358103

AC44662

# **DOWNLOAD DATA**

Model number

## DOWNLOAD DATA



Declarations Of Conformity CE

## **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854054334	Folding box 1	61 mm x 61 mm x 112 mm	44.00 g	0.42 dm³
4099854054341	Shipping box 10	315 mm x 136 mm x 126 mm	533.00 g	5.40 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.