

# PRODUCT DATASHEET LED PFM CLAS A FIL 7 W/2700 K B22d

LED PERFORMANCE CLASSIC A FILAMENT | LED lamps, classic bulb shape, dimmable



#### Areas of application

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

#### Product benefits

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time
- No UV and near-IR radiation in the light beam
- Good quality of light
- Reliable operation thanks to brand quality

#### **Product features**

- Beam angle: up to 300°
- Long lifetime up to 15,000 h
- Color rendering index Ra: ≥ 80
- High color consistency: < 6 SDCM
- Luminous efficacy: up to 124 lm/W
- Same appearance like conventional light bulb shape





- Mercury-free lamps
- Dimmable

# 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	44 mA
Type of current	AC
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Power factor λ	> 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)	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

# Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	104.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	32.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °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			
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	Yes			
Certificates & Standards				
Energy efficiency class	E 1)			
Energy consumption	7.00 kWh/1000h			
Photobiological safety group acc. to EN62778	RG0			
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficienc	ficiency)			
Order reference	LPCLADIM 7W/827			
Energy labelling regulation data acc EU 2019/2015				
	B22d			
Light source cap-type (or other electric interface)	5224			
Light source cap-type (or other electric interface)  Correlated colour temperature type	SINGLE_VALUE			
Correlated colour temperature type	SINGLE_VALUE			
Correlated colour temperature type  Length	SINGLE_VALUE  104.00 mm			

AC24267

Model number

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075506381	Folding box	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm <sup>3</sup>
4058075506398	Shipping box 10	325 mm x 136 mm x 126 mm	553.00 g	5.57 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.