

# PRODUCT DATASHEET LED Classic A 75 Filament DIM P 7.5W 827 Clear E27

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

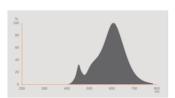
## **TECHNICAL DATA**

## Electrical data

Nominal wattage	7.5 W
Construction wattage	7.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	38 mA
Type of current	AC
Inrush current	0.6 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	750
Max. lamp no. on circuit break. 16 A (B)	1200
Power factor $\lambda$	≥ 0.50

### Photometrical data

Luminous flux	1055 lm
Luminous efficacy	141 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

# **Dimensions & Weight**

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	70 °C

## Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

## Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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 <sup>1)</sup>

 $<sup>1) \ {\</sup>it Check dimmer compatibility at ledvance.com/compatibility} \\$ 

### Certificates & Standards

Energy efficiency class	D 1)
	-

Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / RoHS / REACH / UKCA
Photobiological safety group acc. to EN62778	RGO

 $<sup>1) \ {\</sup>sf Energy \ efficiency \ class \ (EEC) \ on \ a \ scale \ of \ A \ (highest \ efficiency) \ to \ G \ (lowest \ efficiency)}$ 

7 Energy entitlency class (EEC) on a scale of A (highest entitlency) to a (towest entitlency)		
Country-specific categorizations		
Order reference	LEDCLA75DIM 7.5	
LOGISTICAL DATA		
Temperature range at storage	-20+80 °C	
Energy 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)	E27	
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	
Standby power	not applicable	
Networked standby power for CLS	not applicable	
Claim of equivalent power	Yes	
Length	105.00 mm	
Height	60.00 mm	

60.00 mm

SPHERE\_360

0.463

>0

0.90

≥0.5

No

Width

Chromaticity coordinate x

Chromaticity coordinate y

R9 Colour rendering index

Beam angle correspondence

LED light source replaces a fluorescent light source

Survival factor

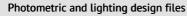
Clear E27

Displacement factor

EPREL ID	1361290
Model number	AC45146

### **DOWNLOAD DATA**

	Documents and certificates
PDF	Declarations Of Conformity CE





Spectral power distribution

#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854060915	Folding box 1	60 mm x 60 mm x 111 mm	45.00 g	0.40 dm³
4099854060922	Shipping box 10	315 mm x 131 mm x 126 mm	544.00 g	5.20 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.

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