

# PRODUCT DATASHEET LED Classic A 60 P 8W 830 Frosted B22D Triple Pack

LED CLASSIC A V | LED lamps, classic bulb shape



#### Areas of application

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

#### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

#### **Product features**

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Good quality of light; color rendering index Ra: ≥ 80; constant chromaticity





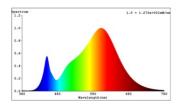
# TECHNICAL DATA

### Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	62 mA
Type of current	AC
Inrush current	11.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	53
Max. lamp number on MCB B16 A	67
Total harmonic distortion	110 %
Power factor $\lambda$	0.63

# Photometrical data

Luminous flux	806 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	80
Light color	830
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Spectral power distribution

# Light technical data

Beam angle	180°
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	104.00 mm
Diameter	59.00 mm
Maximum diameter	59 mm
Product weight	20.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	95 °C

# Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

# 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 & Standards

Energy efficiency class	F 1)
Energy consumption	8.00 kWh/1000h

Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations		
Order reference	LED CLA60 8W 83	
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)	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	
Standby power	0.00 W	
Claim of equivalent power	Yes	
Length	104.00 mm	
Height	59.00 mm	
Width	59.00 mm	
Chromaticity coordinate x	0.4339	
Chromaticity coordinate y	0.4033	
R9 Colour rendering index	1	
Beam angle correspondence	SPHERE_360	
Survival factor	0.9	
Displacement factor	0.947	
LED light source replaces a fluorescent light source	No	
EPREL ID	2192471	
Model number	AC70715	

### 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
POF	Declarations of conformity	LED Lamp
PDF	Declarations of conformity UKCA	LED Lamp

Photometric and lighting design files	Document name
Spectral power distribution	Spectral power distribution

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854484841	Folding box 3	61 mm x 153 mm x 112 mm	80.00 g	1.05 dm <sup>3</sup>
4099854484858	Shipping box 30	315 mm x 313 mm x 122 mm	1037.00 g	12.03 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.

### References / Links

- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

### **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.