

# PRODUCT DATASHEET LED Base Classic B 60 5.5W 827 Frosted E14

LED BASE CLASSIC B | LED lamps, classic mini-candle shape



#### Areas of application

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

#### **Product benefits**

- Lower thermal output (compared with the standard reference product)
- Very low energy consumption
- Shockproof and vibration-proof thanks to LED technology
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Simple direct replacement for conventional incandescent lamps

#### **Product features**

- Professional LED lamps for line voltage
- Not suitable for use with dimmers
- Good color rendering ( $R_a \ge 80$ ) and color stability throughout the life of the lamp
- Base: E14, B22d
- Mercury-free lamps





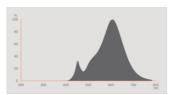
## **TECHNICAL DATA**

## Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	33 mA
Type of current	AC
Inrush current	0.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	600
Max. lamp no. on circuit break. 16 A (B)	960
Total harmonic distortion	93 %
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	806 lm
Luminous efficacy	146 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	100.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	16.00 g

## Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	75 ℃

## Lifespan

Lifespan L70/B50 at 25 °C	10000 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)	E14
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

## Certificates & Standards

Energy efficiency class	D 1)

Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / RoHS / REACH / UKCA
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations			
Order reference	BASECLB60 5,5W/		
LOGISTICAL DATA	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)	E14		
Connected light source (CLS)	No		
Color-tuneable light source	No		
Envelope	No		

No

No

No

SINGLE\_VALUE

not applicable

## High luminance light source Anti-glare shield Correlated colour temperature type

Networked standby power for CLS

Standby power	not applicable

Claim of equivalent power	Yes
Length	100.00 mm

Height	35.00 mm
Width	35.00 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

Sulvivat lactor	0.90
Displacement factor	≥0.5

LED light source replaces a fluorescent light source

EPREL ID	523153,1361323
Model number	AC32363,AC45202

#### **DOWNLOAD DATA**

	Documents and certificates
PDF	Declarations Of Conformity CE

#### Photometric and lighting design files



Spectral power distribution

#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075654396	Folding box 3	39 mm x 116 mm x 138 mm	67.00 g	0.62 dm³
4058075654402	Shipping box 30	241 mm x 204 mm x 117 mm	791.00 g	5.75 dm³

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.