

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

LED BASE CLASSIC P | LED lamps, classic mini-ball shape



#### Areas of application

- General illumination
- Domestic applications
- 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
- Base: E14
- Not suitable for use with dimmers
- Mercury-free lamps





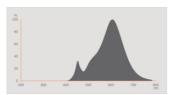
# **TECHNICAL DATA**

# 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	77.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	15.00 g

# Temperatures & operating conditions

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

# 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	
rcury-free Yes	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 <sup>1)</sup>

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	BASECLP60 5,5W/	
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	
High luminance light source	No	
Anti-glare shield	No	
Correlated colour temperature type	SINGLE_VALUE	

not applicable

not applicable

Yes

Standby power

Length	77.00 mm
Height	45.00 mm

Width	45.00 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

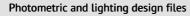
Displacement factor	≥0.5

LED light source replaces a fluorescent light source

EPREL ID	523147,1361325
Model number	AC32360,AC45200

## **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
4058075592599	Folding box 3	45 mm x 112 mm x 120 mm	57.00 g	0.60 dm <sup>3</sup>
4058075592605	Shipping box 30	236 mm x 235 mm x 103 mm	800.00 g	5.71 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.