

# PRODUCT DATASHEET LED Base Classic A 75 10W 840 Frosted E27

LED BASE CLASSIC A | 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
- 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
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)

### **Product features**

- Professional LED lamps for line voltage
- Not dimmable
- Base: E27, B22d
- Mercury-free lamps





# TECHNICAL DATA

# Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	70 mA
Type of current	AC
Inrush current	4.2 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	219
Max. lamp number on MCB B16 A	229
Total harmonic distortion	111.70 %
Power factor $\lambda$	0.65

# Photometrical data

Luminous flux	1055 lm
Luminous efficacy	105 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



EPREL Data Spectral Diagram LEDr \_4000K

# Light technical data

Beam angle	150 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	109.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	26.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	100 °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)	E27
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	

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Energy efficiency class

Energy consumption	10.00 kWh/1000h
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IP20 Type of protection

Standards CE / UKCA / EAC

Photobiological safety group acc. to EN62778 RG1

# Country-specific categorizations

ILCOS	DRAA/F-10,5/840-220-240-E27-60
Order reference	BASECLA75 10W/8

### LOGISTICAL DATA

Temperature range at storage	-20+80 °C
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# 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	0.00 W
Claim of equivalent power	Yes
Length	109.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360

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

Survival factor	0.90
Displacement factor	0.905
LED light source replaces a fluorescent light source	No
EPREL ID	1403214,523313,1351505,1857050
Model number	AC31155,AC45003,AC24698,AC55987,AC55987

### 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		
PDF	Declarations of conformity	Classic A_B_P 15000h FR		
PDF	Declarations of conformity	LED CLASSIC A_P NON-DIM		
PDF	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM		
	Photometric and lighting design files	Document name		
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _4000K		

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075819573	Folding box 3	61 mm x 153 mm x 153 mm	92.00 g	1.43 dm³
4058075819580	Shipping box 30	315 mm x 309 mm x 132 mm	1253.00 g	12.85 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.