

# PRODUCT DATASHEET LED Star Classic B 60 Recycled Plastic 7.5W 840 Frosted E14

LED PCR LAMPS WITH CLASSIC B | LED lamps, classic B bulb with recycled plastic



## 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
- Made of recycled plastics, the lamp contributes to the reduction of CO2 emissions and landfill waste

## **Product features**

- LED alternative to conventional lamps
- Mercury-free lamps
- Minimum 40 % of recycled plastic (out of total plastic weight) used





# 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	60 W
Nominal current	51 mA
Type of current	AC
Inrush current	3.48 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	50
Max. lamp number on MCB B16 A	62
Total harmonic distortion	120 %
Power factor $\lambda$	> 0.70

# Photometrical data

Luminous intensity	Not relevant
Luminous flux	806 lm
Luminous efficacy	107 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
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

# Light technical data

Beam angle	220 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	115.00 mm		
Diameter	39.00 mm		
Maximum diameter	39 mm		
Product weight	23.00 g		
emperatures & operating conditions			
Ambient temperature range	-20+40 °C		
Maximum temperature at tc test point	68.1 °C		
ifespan			
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)	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 corproduction process for light-emitting diodes, the typical values sl for the technical LED parameters are purely statistical values that not necessarily match the actual technical parameters of each individual product, which can vary from the typical value		

# Certificates & Standards

Dimmable

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

No

Type of protection	IP20
Standards	CE / UKCA
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

Country-specific categorizations			
Order reference	LEDPCRCLB60 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)	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		
Standby power	0 W		
Networked standby power for CLS	0 W		
Claim of equivalent power	Yes		
Length	115.00 mm		
Height	39.00 mm		
Width	39.00 mm		
Chromaticity coordinate x	0.381		
Chromaticity coordinate y	0.379		
R9 Colour rendering index	1		
Beam angle correspondence	SPHERE_360		
Survival factor	0.9		
Displacement factor	20.5		
LED light source replaces a fluorescent light source	No		
EPREL ID	1612048		

Model number	AC53824
Woodingmoon	71000021

## 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
Declarations of conformity	Declarations of conformity	LED CLASSIC
PDF	Declarations of conformity UKCA	LED CLASSIC

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075832022	Folding box	41 mm x 49 mm x 155 mm	38.00 g	0.31 dm <sup>3</sup>
4058075832039	Shipping box 6	144 mm x 111 mm x 131 mm	297.00 g	2.09 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.

## ADDITIONAL CATALOG INFORMATION



## **DISCLAIMER**

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

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