

# PRODUCT DATASHEET LED Star Classic P 25 2.5W 827 Frosted E14

LED PCR LAMP WITH CLASSIC P | LED lamps with recycled plastic



### Areas of application

- Domestic applications
- General illumination
- Atmospheric accent lighting throughout the home
- 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**

- LED alternative to conventional lamps
- Mercury-free lamps





# TECHNICAL DATA

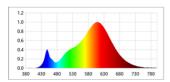
# Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	22 mA
Type of current	AC
Inrush current	1.72 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	279
Max. lamp number on MCB B16 A	353
Total harmonic distortion	150 %
Power factor $\lambda$	0.52

# Photometrical data

Luminous flux	250 lm
Luminous efficacy	100 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
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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### SPECTRAL POWER DISTRIBUTION

# Light technical data

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

# Dimensions & Weight

Overall length	79.00 mm
Diameter	45,0 mm
Maximum diameter	45 mm
Product weight	17.00 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	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

# 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
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### Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

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

# Country-specific categorizations

Order reference	LEDSCLP25 2,5W/
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# 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)	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

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Standby power	0.00 W	
Claim of equivalent power	Yes	
Length	79.00 mm	
Height	45,0 mm	
Width	45,0 mm	
Chromaticity coordinate x	0.4578	
Chromaticity coordinate y	0.4101	
R9 Colour rendering index	1	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	0.946	
LED light source replaces a fluorescent light source	No	
EPREL ID	1403246,523321,1351521,1857043,1855182,2192431,2505604	
Model number	AC31163,AC45019,AC24734,AC56454,AC55995,AC69326,AC91940	

# 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	Classic A_B_P 15000h FR	
POF	Declarations of conformity	LED CLASSIC	
PDF	Declarations of conformity	LED CLASSIC A_P NON-DIM	
POF	Declarations of conformity	LED lamp	
POF	Declarations of conformity UKCA	LED CLASSIC	
POF	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM	
POF	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
4058075430990	Folding box	46 mm x 49 mm x 119 mm	29.00 g	0.27 dm <sup>3</sup>
4058075588530	Shipping box	159 mm x 111 mm x 95 mm	249.00 g	1.68 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.

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