

# PRODUCT DATASHEET

## LED Classic A 150 P 19W 827 Frosted E27

LED CLASSIC A P | LED lamps, classic bulb shape



PERFOR-  
MANCE  
CLASS

### 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

### Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index  $R_a$ :  $\geq 80$ ; constant chromaticity



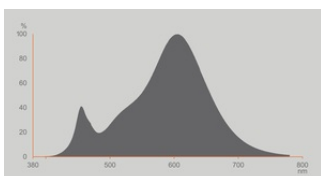
## TECHNICAL DATA

### Electrical data

Nominal wattage	19 W
Construction wattage	19.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	150 W
Nominal current	182 mA
Type of current	AC
Inrush current	1.76 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	41
Max. lamp no. on circuit break. 16 A (B)	52
Total harmonic distortion	109 %
Power factor $\lambda$	0.58

### Photometrical data

Luminous flux	2452 lm
Luminous efficacy	129 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



EPREL Data Spectral Diagram  
LEDr\_classic A\_B\_P\_2700K\_827

## Light technical data

Beam angle	180 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

## Dimensions &amp; Weight

Overall length	131.00 mm
Diameter	65.00 mm
Maximum diameter	65 mm
Product weight	63.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	95 °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)	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
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## Certificates &amp; Standards

Energy efficiency class	E 1)
Energy consumption	19.00 kWh/1000h

Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG0

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

### Country-specific categorizations

Order reference	LED CLA150 19W
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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)	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	131.00 mm
Height	65.00 mm
Width	65.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	2
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.871
LED light source replaces a fluorescent light source	No
EPREL ID	1351510,1855173
Model number	AC45008,AC56444

## DOWNLOAD DATA

Documents and certificates		Document name
	Declarations Of Conformity CE	Classic A_B_P 15000h FR
	Declarations Of Conformity CE	LED CLASSIC
	Declarations Of Conformity UKCA	LED CLASSIC
Photometric and lighting design files		Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr_classic A_B_P_2700K_827

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854048784	Folding box 1	71 mm x 71 mm x 135 mm	74.00 g	0.68 dm <sup>3</sup>
4099854048791	Shipping box 10	366 mm x 151 mm x 150 mm	852.00 g	8.29 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](http://www.ledvance.com/ledlamps)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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