

PRODUCT DATASHEET

LED Star Classic A 150 19W 827 Frosted E27

LED PCR LAMP WITH CLASSIC A | LED lamps 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

Product features

- LED alternative to conventional lamps
- Mercury-free lamps



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	150 mA
Type of current	AC
Inrush current	9.48 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	57
Max. lamp number on MCB B16 A	79
Total harmonic distortion	110 %
Power factor λ	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 sdcn
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



SPECTRAL POWER DISTRIBUTION
RGBTW 24W 2700K

Light technical data

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

Dimensions & Weight



Overall length	147.00 mm
Diameter	75.00 mm
Maximum diameter	75 mm
Product weight	66.00 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)	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

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

ILCOS	DRAAF-20/827-220-240-E27-60
Order reference	LEDSCLA150 19W/

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)	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	147.00 mm
Height	75.00 mm
Width	75.00 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	0.885
LED light source replaces a fluorescent light source	No
EPREL ID	1403224,523302,1351510,1857031,2192469
Model number	AC31144,AC45008,AC24709,AC55992,AC69314

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	Classic A_B_P 15000h FR
	Declarations of conformity	LED CLASSIC A_P NON-DIM
	Declarations of conformity	LED lamp
	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM
	Declarations of conformity UKCA	LED lamp

Photometric and lighting design files		Document name
	IES file (IES)	AC12238_CLA150 20W 230V FR E27
	LDT file (Eulumdat)	AC12238_CLA150 20W 230V FR E27
	Light distribution curve type polar	LEDSCLA150 20W 827 230VFR E27 BLI1 OSRAM
	Light distribution curve type polar	LEDSCLA150 20W 827 230VFR E27 FS4 OSRAM
	Spectral power distribution	SPECTRAL POWER DISTRIBUTION RGBTW 24W 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075245976	Folding box 1	75 mm x 75 mm x 148 mm	88.00 g	0.83 dm ³
4058075555396	Shipping box 6	245 mm x 166 mm x 162 mm	681.00 g	6.59 dm ³
4058075245983	Shipping box 10	373 mm x 153 mm x 139 mm	1125.00 g	7.93 dm ³

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.