

PRODUCT DATASHEET LED Star Classic A 40 4.9W 827 Frosted E27

LED STAR 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
- 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



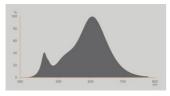


TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	42 mA
Type of current	AC
Inrush current	2.04 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	200
Max. lamp number on MCB B16 A	298
Total harmonic distortion	142.70 %
Power factor λ	0.54

Photometrical data



LED Classic 827

Light technical data

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

Dimensions & Weight



Overall length	105.00 mm
Diameter	59.00 mm
Maximum diameter	59 mm
Product weight	19.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	90 °C

Lifespan

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)	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

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

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

Country-specific categorizations

ILCOS	DRAA/F-5/827-220-240-E27-60
Order reference	LEDSCLA40 4,9W/

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	105.00 mm
Height	59.00 mm
Width	59.00 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	0.934
LED light source replaces a fluorescent light source	No
EPREL ID	1403217,523303,1351495,1857048,2192435,2505605
Model number AC31145,AC44993,AC24701,AC55977,AC69300,A	

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	LED lamp	
PDF	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM	
PDF	Declarations of conformity UKCA	LED lamp	
	Photometric and lighting design files	Document name	
	Spectral power distribution	LED Classic 827	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075127319	Folding box	60 mm x 60 mm x 145 mm	34.00 g	0.52 dm ³
4058075127326	Shipping box 10	303 mm x 125 mm x 120 mm	467.00 g	4.55 dm ³
4058075588776	Shipping box 6	202 mm x 134 mm x 120 mm	290.00 g	3.25 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.