

PRODUCT DATASHEET LED Star Classic A 40 Filament 4W 827 Clear E27

LED Retrofit CLASSIC A | LED lamps, classic bulb shape



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

Product features

- Professional LED lamps for line voltage
- Not dimmable





- Lifetime up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index $R_{a:} \ge 80$; constant chromaticity

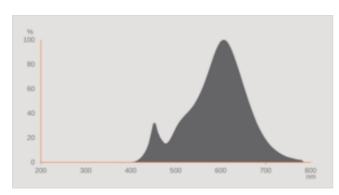
TECHNICAL DATA

Electrical data

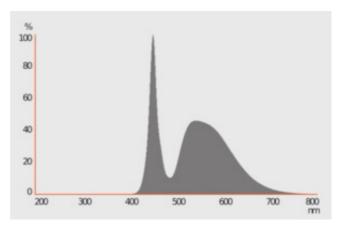
Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	1.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	400
Max. lamp number on MCB B16 A	480
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 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
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL data spectral diagram PROF LEDr 2700K



LISO spectral power distribution 6500K CRI80 v2

Light technical data

Beam angle	300 °	
Warm-up time (60 %)	< 0.50 s	
Starting time	< 0.5 s	

Dimensions & Weight

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	65 °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		
dditional product data			
Base (standard designation) E27			
Mercury content	0.0 mg		
Mercury-free	Yes		
Design / version	Clear		
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			
ertilicates & Standards			
Energy efficiency class	E 1)		
Energy consumption	4.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / EAC		
Photobiological safety group acc. to EN62778	RG0		
) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lo	west efficiency)		
Country-specific categorizations			
	LEDSCLA40 4W/82		
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Country-specific categorizations Order reference COGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015	LEDSCLA40 4W/82 -20+80 °C		
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Country-specific categorizations Order reference OGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains	LEDSCLA40 4W/82 -20+80 °C LED NDLS MLS		
Country-specific categorizations Order reference COGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface)	LEDSCLA40 4W/82 -20+80 °C LED NDLS MLS E27		
Country-specific categorizations Order reference COGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS)	LEDSCLA40 4W/82 -20+80 °C LED NDLS MLS E27 No		

Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.40
LED light source replaces a fluorescent light source	No
EPREL ID	1403174,523088
Model number	AC32396,AC24345

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	LED lamps CLA,B,G,P		
	Photometric and lighting design files	Document name		
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	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K		
	Spectral power distribution	LISO spectral power distribution 6500K CRI80 v2		
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075112216	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm ³
4058075604162	Shipping box	202 mm x 134 mm x 120 mm	347.00 g	3.25 dm ³
4058075112223	Shipping box 10	322 mm x 134 mm x 120 mm	589.00 g	5.18 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.

DISCLAIMER

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