

PRODUCT DATASHEET LED Classic Edison 40 Filament P 4W 827 Clear E27

LED CLASSIC ST P | LED lamps, classic Edison 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
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Lamp made of glass
- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity



Clear E27



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	300
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	0.70
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
Stroboscope effect metric (SVM)	≤0.4

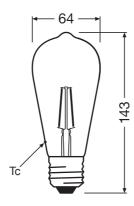


EPREL data spectral diagram PROF LEDr 2700K

Light technical data

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

Dimensions & Weight



Overall length	143.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm
Product weight	46.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C	
Maximum temperature at tc test point	50 °C	

Lifespan

Lifespan L70/B50 at 25 °C	15000 h

Number of switching cycles	100000		
Lumen maintenance at end of service lifetime	0.70		
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	Clear		
Product remark	All technical parameters apply to the entire lamp / Due to the comproduction process for light-emitting diodes, the typical values show for the technical LED parameters are purely statistical values that one 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	4.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / EAC		
Photobiological safety group acc. to EN62778	RG1		
) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lo	owest efficiency)		
Order reference	LED EDISON40 4W		
OGISTICAL DATA			
emperature range at storage -20+40 °C			
Energy labelling regulation data acc EU 2019/2015			
Lighting technology used	LED		
Non-directional or directional	NDLS		
Mains or non-mains	MLS		

E27

No

Connected light source (CLS)

Light source cap-type (or other electric interface)

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 W
Claim of equivalent power	Yes
Length	143.00 mm
Height	64.00 mm
Width	64.00 mm
Chromaticity coordinate x	0,436
Chromaticity coordinate y	0,420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.4
LED light source replaces a fluorescent light source	No
EPREL ID	523106
Model number	AC32484

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		
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K		

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854070013	Folding box 1	65 mm x 65 mm x 147 mm	64.00 g	0.62 dm ³
4099854070020	Shipping box 10	337 mm x 141 mm x 161 mm	749.00 g	7.65 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 dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

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