

PRODUCT DATASHEET LED Classic P 31 Filament Mirror P 4W 827 Silver E14

LED CLASSIC P MIRROR P | LED lamps, classic mini-ball shape with mirror bulb crown



Areas of application

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

Product benefits

- Long lifetime of up to 15,000 h
- Lower energy consumption than incandescent or halogen lamps
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time
- Lamps with innovative LED "filament" technology

Product features

- Bulb crown coating: silver
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index Ra; ≥ 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	31 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	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	87 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	77.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	15.00 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	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear mirror

Product remark	All technical parameters apply to the entire lamp / Due to the complete production process for light-emitting diodes, the typical values show 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	F 1)	
Energy consumption	4.00 kWh/1000h	
Type of protection	IP20	
Standards	CE / EAC	
Photobiological safety group acc. to EN62778	RG0	
Country-specific categorizations Order reference	LED CLP31MIR S	
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Order reference OGISTICAL DATA	LED CLP31MIR S	
Order reference OGISTICAL DATA Temperature range at storage	LED CLP31MIR S	
Order reference OGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015	LED CLP31MIR S -20+80 °C	
Order reference OGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used	LED CLP31MIR S -20+80 °C	
Order reference OGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional	LED CLP31MIR S -20+80 °C LED NDLS	
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	LED CLP31MIR S -20+80 °C LED NDLS MLS	
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 Light source cap-type (or other electric interface)	LED CLP31MIR S -20+80 °C LED NDLS MLS E14	
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 Light source cap-type (or other electric interface) Connected light source (CLS)	LED CLP31MIR S -20+80 °C LED NDLS MLS E14 No	
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 Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source	LED CLP31MIR S -20+80 °C LED NDLS MLS E14 No No	
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 Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope	LED CLP31MIR S -20+80 °C LED NDLS MLS E14 No No No	
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 Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source	LED CLP31MIR S -20+80 °C LED NDLS MLS E14 No No No No	
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 Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source Anti-glare shield	LED CLP31MIR S -20+80 °C LED NDLS MLS E14 No No No No No No	

77.00 mm

45.00 mm

Length

Height

Chromaticity coordinate x 0,436 Chromaticity coordinate y 0,420 R9 Colour rendering index 1	
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R9 Colour rendering index	
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Beam angle correspondence SPHE	ERE_360
Survival factor 0.90	
Displacement factor ≥0.4	
LED light source replaces a fluorescent light source No	
EPREL ID 52318	84
Model number AC323	2373,AC32373,AC32373

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
4099854070037	Folding box 1	46 mm x 46 mm x 93 mm	25.00 g	0.20 dm ³
4099854070044	Shipping box 10	240 mm x 101 mm x 108 mm	308.00 g	2.62 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.