PRODUCT DATASHEET
LED Star Classic A 50 Filament Mirror 6.5W 827 Silver E27

LED Retrofit CLASSIC A Mirror | LED lamps, classic bulb 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
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time
- Lamps with innovative LED "filament" technology

Product features

- Bulb crown coating: gold or silver
- Lamp made of glass





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- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

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TECHNICAL DATA

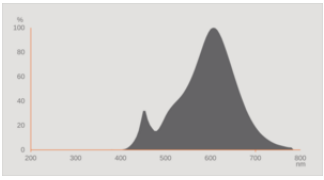
Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	50 W
Nominal current	38 mA
Type of current	AC
Inrush current	0.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	789
Max. lamp no. on circuit break. 16 A (B)	1263
Total harmonic distortion	90 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	650 lm
Nominal useful luminous flux 90°	650 lm
Luminous efficacy	100 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)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

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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	70 °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 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

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Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / RoHS / REACH / UKCA
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	DRAA/C-7/827-220/240-E27-60
Order reference	LSCLA50MIR S 6,

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	not applicable
Networked standby power for CLS	not applicable
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.463

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Chromaticity coordinate y	0.42
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1402918,523201,1361348
Model number	AC32408,AC45210,AC10500

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

	Photometric and lighting design files
IES	IES file (IES)
LDT	LDT file (Eulumdat)
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075427860	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm^3
4058075502444	Bundle 2	60 mm x 120 mm x 115 mm	94.00 g	0.83 dm^3
4058075502451	Shipping box 10	322 mm x 134 mm x 120 mm	579.00 g	5.18 dm^3
4058075605473	Shipping box 6	202 mm x 134 mm x 120 mm	362.00 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.

DISCLAIMER

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