

PRODUCT DATASHEET

DECOR LED FLAT LAMP 3.5W 827 E27 Non-DIM IN ELECTRO GLASS LARGE GOLD

DECOR LED LAMP IN ELECTRO GLASS | ELECTRO GLASS FINISH LED LAMP



Areas of application

- Perfect for decorative installations
- Luxurious living areas

Product benefits

- The integrated lamp delivers a modern and luxurious atmosphere
- The innovative design ensures optimal light distribution, complemented by a futuristic ambience
- Type of protection: IP20, Ideal for indoor use
- Lower energy consumption than incandescent or halogen lamps

Product features

- The flat lamp is installed in the Electro ball housing for design purpose
- Electro ball housing has 3 sizes: small, medium and large
- 3 different colors are offered for the lamp housing: black, rose and gold
- Lifetime up to 25,000 h
- The flat lamp can be detached from the housing
- Can be used directly as luminaire



TECHNICAL DATA

Electrical data

Nominal wattage	3.5 W
Construction wattage	3.50 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	28 W
Nominal current	32 mA
Type of current	AC
Inrush current	2.36 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	76
Max. lamp number on MCB B16 A	96
Total harmonic distortion	141.90 %
Power factor λ	0.46

Photometrical data

Luminous flux	300 lm
Luminous efficacy	85 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcn
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4



LISO spectral power distribution
2700K CRI80 v1

Light technical data

Beam angle	100 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	241.00 mm
Diameter	200.00 mm
Maximum diameter	200 mm
Product weight	234.00 g

Temperatures & operating conditions

Ambient temperature range	-25...+40 °C
Maximum temperature at tc test point	90 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96

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

Dimmable	No
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	4.00 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

Order reference	LFLATELBALL 3,
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LOGISTICAL DATA

Temperature range at storage	-25...+80 °C
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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 W
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	241.00 mm
Height	200.00 mm
Width	200.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360

Survival factor	0.9
Displacement factor	0.787
LED light source replaces a fluorescent light source	No
EPREL ID	2337477
Model number	AC82580

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
	Declarations of conformity	LED FLAT lamps
	Declarations of conformity UKCA	LED FLAT lamps

Photometric and lighting design files		Document name
	Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854607493	Folding box 1	212 mm x 212 mm x 297 mm	456.00 g	13.35 dm ³
4099854607509	Shipping box 4	448 mm x 440 mm x 319 mm	2545.00 g	62.88 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.