PRODUCT DATASHEET

LED Superstar classic A 40 Relax/Active/Sleep 4.9W 827/840 Frosted E27 3x click

LED Relax, Active and Sleep CLASSIC A | LED lamps with three light scenes in one lamp Classic A shape



Areas of application

- When a room is used for multiple purposes such as a bedroom and a home office
- Supports the biorhythm when used in bed and children's room
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Offers individual atmospheres: Warm White for relaxation, Cool White for activity, Low-dimmed Warm White for sleep
- Easily changes the light set with a double click of wall switch
- Supports the biorhythm through activating and relaxing light color
- Makes rooms multi-purpose with adjustable light atmosphere
- Lower energy consumption than incandescent or halogen lamps

Product features

- Provides three light settings in one lamp; 2700 K 100 % DIM - 4000 K 100 % DIM - 2700 K 40 Lumen
- Controllable via standard wall switch





TECHNICAL DATA

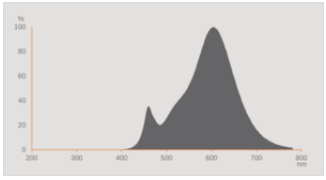
Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	42 mA
Type of current	AC
Inrush current	5.04 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	14
Max. lamp number on MCB B16 A	21
Maximum total harmonic distortion	166 %
Power factor λ	> 0.40

Photometrical data

Luminous flux	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White / Cool White
Color temperature	2700…4000 K
Color rendering index Ra	80
Light color	827…840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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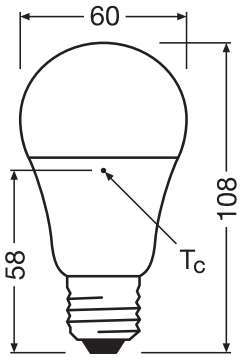


LISO spectral power distribution 2700K CRI80 v1

Light technical data

Beam angle	200 °
Warm-up time (60 %)	‹ 1.00 s
Starting time	< 1.0 s

Dimensions & Weight



Overall length	108.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	20.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	90 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 h

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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

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
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

Order reference	LEDSCLA403X ACT

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

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High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Standby power	0 W
Claim of equivalent power	Yes
Length	108.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1838227
Model number	AC56423,AC56423

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 CLASSIC / LED STICK
PDF	Declarations of conformity UKCA	LED CLASSIC / LED STICK

	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
4099854240966	Folding box 1	60 mm x 60 mm x 145 mm	35.00 g	0.52 dm^3

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854240973	Shipping box 6	202 mm x 134 mm x 120 mm	299.00 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.

References / Links

- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee
- Further information see www.ledvance.com/low-voltage-ledlamps

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