PRODUCT DATASHEET
LED Star PIN 40 320° 4W 827 G9 3step DIM

LED THREE STEP DIM PIN G9 | LED lamps with three-step dimming



Areas of application

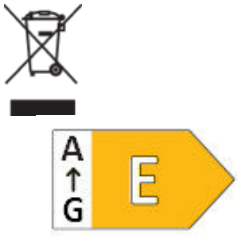
- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Very long lifetime of up to 25,000 h
- Lower energy consumption than incandescent or halogen lamps

Product features

- Dimmable in three steps: 100 %, 45 % and 15 %
- Controllable via standard wall switch
- Good quality of light; color rendering index CRI ≥ 80



TECHNICAL DATA

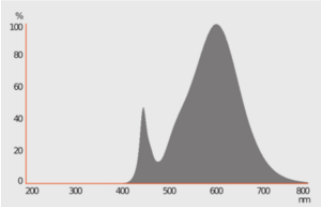
Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Inrush current	4.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	142
Max. lamp number on MCB B16 A	179
Maximum total harmonic distortion	135 %
Power factor λ	> 0.40

Photometrical data

Luminous flux	470 lm
Luminous efficacy	117 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 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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349927_2700K_Evl_5630.eps

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	55.00 mm
Diameter	17.00 mm
Maximum diameter	17 mm
Product weight	10.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	89.5 °C

Lifespan

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

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Additional product data

Base (standard designation)	G9
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
Product remark	Dimmable (with many common dimmers, see also www.ledvance.com/dim) / 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
Added function	Three step dim

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E [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	LEDSPIN403XD 4W

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)	G9
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No

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Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	55.00 mm
Height	17.00 mm
Width	17.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1403256,522887,1856534,2365073
Model number	AC32105,AC24757,AC58957,AC58957,AC84143

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 SLIM LINE 78 60 NON-DIM
PDF	Declarations of conformity	LED PIN G9
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED PIN G9
PDF	Declarations of conformity UKCA	LED lamp

	Photometric and lighting design files	Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432277	Folding box 1	20 mm x 49 mm x 95 mm	17.00 g	0.09 dm^3
4058075432284	Shipping box 4	110 mm x 58 mm x 104 mm	119.00 g	0.66 dm^3
4058075432291	Shipping box 32	248 mm x 236 mm x 134 mm	1250.00 g	7.84 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

DISCLAIMER

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