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

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
– Four year guarantee

Product features

– Dimmable in three steps: 100 %, 45 % and 15 %
– Controllable via standard wall switch
– Good quality of light; color rendering index R_a: ≥ 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	34 mA
Type of current	AC
Inrush current	4.87 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	68
Max. lamp no. on circuit break. 16 A (B)	85
Total harmonic distortion	180 %
Power factor λ	> 0.40

Photometrical data
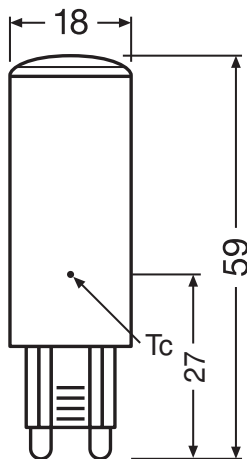
Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

Light technical data

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

Dimensions & Weight

Overall length	59.00 mm
Diameter	18,0 mm
Maximum diameter	18 mm
Product weight	12.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C

Maximum temperature at tc test point	78 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 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)	G9
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

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E [1]
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / 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
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	59.00 mm
Height	18,0 mm
Width	18,0 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	0.4
LED light source replaces a fluorescent light source	No
EPREL ID	1403256,522887,1856534
Model number	AC32105,AC24757,AC58957

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

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	19.00 g	0.09 dm³
4058075432284	Shipping box 4	110 mm x 58 mm x 104 mm	127.00 g	0.66 dm³
4058075432291	Shipping box 32	248 mm x 236 mm x 234 mm		13.70 dm³

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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.