

PRODUCT DATASHEET

ST+ 3XD PIN 40 4 W/2700 K 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 applications only in suitable luminaires

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 $R_a: \geq 80$



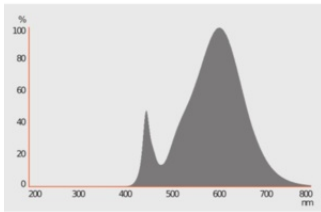
TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
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

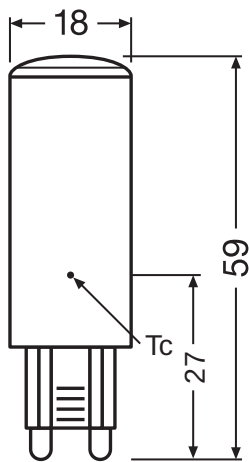
Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 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
Rated beam angle (half peak value)	320.00 °

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

Nominal lamp life time	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	G9
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear

Capabilities

Dimmable	No
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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
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LOGISTICAL DATA

Temperature range at storage	-20...+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)	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	0.00
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	0.00
Beam angle	SPHERE_360
Survival factor	0.90
Displacement factor	0.00
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522887
Model number	AC32105

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	19.00 g	0.09 dm ³
4058075432284	Shipping box 4	110 mm x 58 mm x 104 mm	127.00 g	0.66 dm ³
4058075432291	Shipping box 32			

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 Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

DISCLAIMER

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