

# PRODUCT DATASHEET

## ST PIN 20 320° 2 W/2700K G4

LED SUPERSTAR PIN G4 12 V DIM | Dimmable low-voltage 12 V LED lamps with retrofit pin base G4



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### AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Very low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Ideal for decorative and free-burning applications
- Lower thermal output (compared with the standard reference product)
- Four year guarantee

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### PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity



**TECHNICAL DATA**

Electrical data

Rated wattage	2.00 W
Nominal wattage	2.00 W
Nominal voltage	12 V
Max. lamp no. on circuit break. 10 A (B)	40
Max. lamp no. on circuit break. 16 A (B)	46
Power factor $\lambda$	> 0.90
Claimed equiv. conventional lamp power	20 W

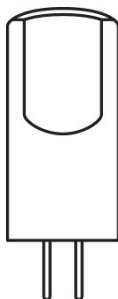
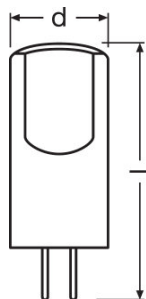
Photometrical data

Nominal luminous flux	200 lm
Rated luminous flux	200 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	200 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated color temperature	2700 K
Color rendering index Ra	$\geq 80$

Light technical data

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

Dimensions & weight



Overall length	40.0 mm
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<b>Diameter</b>	15.0 mm
<b>Outer bulb</b>	T15
<b>Length</b>	40.0 mm

#### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
<b>Maximum temperature at tc test point</b>	90 °C

#### Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000
<b>Lumen maintenance at end of service life</b>	0.70

#### Additional product data

<b>Base (standard designation)</b>	G4
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Design / version</b>	Clear
<b>Show WEEE picto</b>	Yes

#### Capabilities

<b>Dimmable</b>	Yes
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#### Certificates & standards

<b>Energy efficiency class</b>	A++
<b>Energy consumption</b>	3 kWh/1000h

#### Country-specific categorizations

<b>Order reference</b>	LEDSPIN20D 2W/8
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#### SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075271722	Blister 1	37 mm x 140 mm x 120 mm	17.50 g	0.62 dm <sup>3</sup>

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4058075271739	Shipping carton box 9	345 mm x 153 mm x 136 mm	330.00 g	7.18 dm <sup>3</sup>
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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.

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#### REFERENCES / LINKS

For further products and actual information concerning LED lamps see

▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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