

# PRODUCT DATASHEET

## ST PIN 10 0.9 W/2700K G4 CL

LED STAR PIN G4 12 V | Special LED lamps



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### AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Ideal for decorative and free-burning applications
- Three year guarantee

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### PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Mercury-free lamps



**TECHNICAL DATA**

Electrical data

<b>Rated wattage</b>	0.90 W
<b>Nominal wattage</b>	0.90 W
<b>Nominal voltage</b>	12 V
<b>Max. lamp no. on circuit break. 10 A (B)</b>	48
<b>Max. lamp no. on circuit break. 16 A (B)</b>	61
<b>Power factor <math>\lambda</math></b>	> 0.50
<b>Claimed equiv. conventional lamp power</b>	10 W

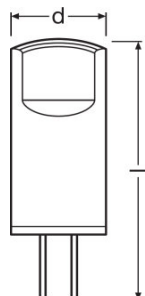
Photometrical data

<b>Nominal luminous flux</b>	100 lm
<b>Rated luminous flux</b>	100 lm
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Warm White
<b>Color temperature</b>	2700 K
<b>Luminous flux</b>	100 lm
<b>Color rendering index Ra</b>	$\geq 80$
<b>Standard deviation of color matching</b>	$\leq 6$ sdc <sub>m</sub>
<b>Rated color temperature</b>	2700 K
<b>Color rendering index Ra</b>	$\geq 80$

Light technical data

<b>Warm-up time (60 %)</b>	< 0.50 s
<b>Beam angle</b>	300.00 °
<b>Starting time</b>	< 0.5 s

Dimensions & weight



<b>Overall length</b>	33.0 mm
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<b>Diameter</b>	12.0 mm
<b>Outer bulb</b>	T12
<b>Length</b>	33.0 mm

#### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
<b>Maximum temperature at tc test point</b>	80 °C

#### Lifespan

<b>Nominal lamp life time</b>	15000 h
<b>Rated lamp life time</b>	15000 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>	No
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#### Certificates & standards

<b>Energy efficiency class</b>	A++
<b>Energy consumption</b>	1 kWh/1000h

#### Country-specific categorizations

<b>ILCOS</b>	DRT/C-0,9/827-220-240-G4-12/33
<b>Order reference</b>	LEDSPIN10 CL 0,

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075272040	Folding carton box 1	28 mm x 28 mm x 67 mm	6.00 g	0.05 dm <sup>3</sup>
4058075272057	Shipping carton box 10	158 mm x 68 mm x 76 mm	88.00 g	0.82 dm <sup>3</sup>
4058075291706	Shipping carton box 120	325 mm x 213 mm x 167 mm	1257.00 g	11.56 dm <sup>3</sup>

4058075811416	Blister 1	37 mm x 140 mm x 120 mm	14.40 g	0.62 dm <sup>3</sup>
4058075811423	Shipping carton box 9	345 mm x 153 mm x 132 mm	346.00 g	6.97 dm <sup>3</sup>
4058075812314	Blister 2	37 mm x 140 mm x 120 mm	16.80 g	0.62 dm <sup>3</sup>
4058075812321	Shipping carton box 18	345 mm x 153 mm x 136 mm	284.00 g	7.18 dm <sup>3</sup>

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 Guarantee see

- ▶ [www.osram-lamps.com/guarantee](http://www.osram-lamps.com/guarantee)

For further products and actual information concerning LED lamps see

- ▶ [www.osram-lamps.com/led-lamps](http://www.osram-lamps.com/led-lamps)

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