

PRODUCT DATASHEET

ST PIN 30 320 ° 2.6 W/2700 K GY6.35

LED STAR PIN GY6.35 12V | Special LED lamps



Areas of application

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

Product benefits

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

Product features

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



TECHNICAL DATA

Electrical data

Nominal wattage	2.6 W
Construction wattage	2.60 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	30 W
Nominal current	300 mA
Type of current	AC/DC
Inrush current	12.3 A
Max. lamp no. on circuit break. 10 A (B)	48
Max. lamp no. on circuit break. 16 A (B)	61
Total harmonic distortion	< 120 %
Power factor λ	> 0.50

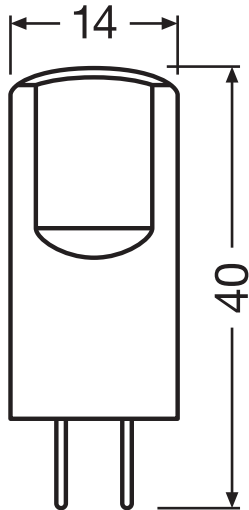
Photometrical data

Luminous flux	300 lm
Nominal useful luminous flux 90°	300 lm
Luminous efficacy	115 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

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	40.00 mm
Diameter	14,0 mm
Maximum diameter	14 mm
Product weight	4.4 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	105 °C

Lifespan

Lifespan	15000 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)	GY6.35
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / EAC
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LEDSPIN30 CL2,6
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GY6.35
Correlated colour temperature type	SINGLE_VALUE
Length	40.00 mm
Height	14,0 mm
Width	14,0 mm
Displacement factor	0.5
EPREL ID	1403250
Model number	AC24749

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432079	Blister 1	37 mm x 140 mm x 120 mm	16.40 g	0.62 dm ³
4058075432086	Shipping box 9	345 mm x 153 mm x 132 mm	280.60 g	6.97 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 further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps
- For Guarantee see www.osram-lamps.com/guarantee

DISCLAIMER

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