PRODUCT DATASHEET
ST GX53 25 100° 3.5 W/2700 K GX53

LED STAR GX53 | Flat LED Lamp with GX53 socket



AREAS OF APPLICATION

- Area lighting
- As a downlight for marking walkways, doors, stairs, etc.
- Background lighting
- Domestic applications
- Entrance lighting
- Exhibitions, department stores
- For indoor use only
- Kitchen lighting

PRODUCT BENEFITS

- Compact dimensions
- Easy installation
- Excellent luminous efficiency
- Good quality of light
- Long lifetime of up to 15,000 h
- Low weight and low profile
- Three year guarantee

PRODUCT FEATURES

- 230 V line voltage operation
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Type of protection: IP20
- Very long average lifetime: 15,000 h (15 years at 2.7 h per day)

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TECHNICAL DATA

Electrical data

Rated wattage	3.50 W
Nominal wattage	3.50 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	70
Max. lamp no. on circuit break. 16 A (B)	120
Operating frequency	50...60 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	25 W

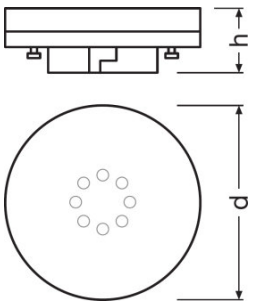
Photometrical data

Nominal luminous flux	270 lm
Rated luminous flux	270 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	270 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	≥80

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & weight



Overall length	31.0 mm

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Diameter	75.0 mm
Outer bulb	-
Length	31.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	53 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	GX53
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes
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	A+
Energy efficiency class	A+
Energy consumption	4 kWh/1000h

Country-specific categorizations

Order reference	LSGX5325100 3,5

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075105539	ST GX53 25 100° 3.5 W/2700 K GX53	Shipping carton box 9	345 mm x 153 mm x 136 mm	7.18 dm^3	743.00 g

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

DISCLAIMER

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