

PRODUCT DATASHEET

ST GX53 40 120 ° 4.9 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
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Compact dimensions
- Easy installation
- Excellent luminous efficiency
- Good quality of light
- 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)

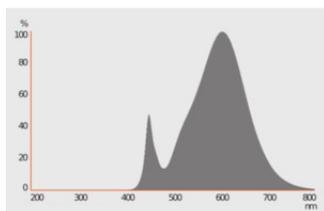
TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Operating mode	AC
Claimed equiv. conventional lamp power	40 W
Nominal current	40 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	15
Max. lamp no. on circuit break. 16 A (B)	25
Power factor λ	> 0.40

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 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 sdc _m
Rated LLMF at 6,000 h	0.80



Light technical data

Beam angle	120 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	28.00 mm
Diameter	74.00 mm
Maximum diameter	74 mm
Product weight	46.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	85 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	GX53
Mercury content	0.0 mg

Capabilities

Dimmable	No
----------	----

Certificates & Standards

Energy efficiency class	F
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	RLGX5340120 4,9
-----------------	-----------------

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GX53
Correlated colour temperature type	SINGLE_VALUE
Length	28.00 mm
Height	74.00 mm
Width	74.00 mm
R9 Colour rendering index	0.00
EPREL ID	522969

DOWNLOAD DATA

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008597202100	Folding box 1	32 mm x 76 mm x 78 mm	56.00 g	0.19 dm ³
4008597602108	Shipping box 10	171 mm x 161 mm x 92 mm	670.00 g	2.53 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 Guarantee see www.osram-lamps.com/guarantee

DISCLAIMER

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