

PRODUCT DATASHEET

ST GX53 40 100 ° 6 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
- 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	6 W
Construction wattage	6.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	53 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	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	78 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	100 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	120.00 °

Dimensions & weight

Overall length	28.00 mm
Length	28.00 mm

Width (incl. round luminaires)	75,0 mm
Height (incl. round luminaires)	75,0 mm
Diameter	75,0 mm
Maximum diameter	75 mm
Product weight	46.00 g

Temperatures & operating conditions

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

Lifespan

Nominal lamp life time	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)	GX53
Mercury content	0.0 mg
Mercury-free	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
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Certificates & standards

Energy efficiency class	A+ ¹⁾
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LSGX5340120 6W/
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GX53
Correlated colour temperature type	SINGLE_VALUE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075433441	Folding box 1	30 mm x 76 mm x 130 mm	57.00 g	0.30 dm ³
4058075617100	Shipping box 6	198 mm x 88 mm x 139 mm	409.00 g	2.42 dm ³
4058075433458	Shipping box 10	170 mm x 163 mm x 139 mm	627.00 g	3.85 dm ³
4058075617117	SHIPPING BOX FOR 5TH-LEVEL 48	368 mm x 214 mm x 304 mm	3899.00 g	23.94 dm ³
4058075452961	SHIPPING BOX FOR 5TH-LEVEL 80			

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

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