PRODUCT DATASHEET
ST GX53 40 120 ° 4.9 W/4000 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	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
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)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4
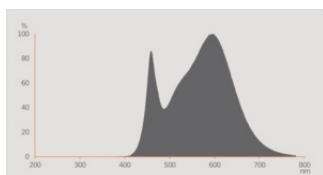
Light technical data

Beam angle	120 °
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
Diameter	75,0 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

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)	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

Certificates & Standards

Energy efficiency class	F [1]
Energy consumption	5.00 kWh/1000h
Type of protection	IP20

Standards	CE
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LSGX5340120 4,9

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	GX53
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	Yes
Length	28.00 mm
Height	75,0 mm
Width	75,0 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	0.00
Beam angle	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	522970
Model number	AC32711,AC32711

DOWNLOAD DATA

DOWNLOAD DATA
PDF Declarations of conformity
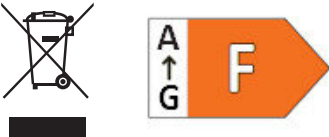
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075433465	Folding box 1	30 mm x 76 mm x 130 mm	57.00 g	0.30 dm³
4058075433472	Shipping box 10	170 mm x 163 mm x 139 mm	672.00 g	3.85 dm³
4058075617131	Shipping box 6	198 mm x 88 mm x 139 mm	409.00 g	2.42 dm³
4058075452978	Shipping box 80			
4058075617148	Shipping box 48	368 mm x 214 mm x 304 mm	3899.00 g	23.94 dm³

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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