

PRODUCT DATASHEET

ST GX53 25 100° 3.5 W/2700K 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)



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 |

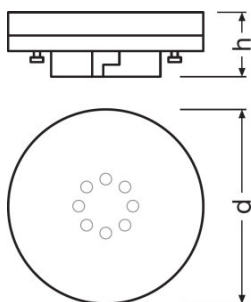
Photometrical data

| | |
|-----------------------------------------|---------------|
| 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 sdcn |
| Color rendering index Ra | ≥ 80 |

Light technical data

| | |
|---------------------|----------|
| Warm-up time (60 %) | 0.50 s |
| Beam angle | 100.00 ° |
| Starting time | 0.5 s |

Dimensions & weight



| | |
|-----------------------|---------|
| Overall length | 31.0 mm |
| 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 consumption | 4 kWh/1000h |

Country-specific categorizations

| | |
|------------------------|-----------------|
| Order reference | LSGX5325100 3,5 |
|------------------------|-----------------|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075105539 | Blister 1 | 37 mm x 140 mm x 120 mm | 68.00 g | 0.62 dm ³ |
| 4058075105546 | Shipping carton box 9 | 345 mm x 153 mm x 136 mm | 743.00 g | 7.18 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.