# PRODUCT DATASHEET
# DECOSTAR 51S ST 20 W 12 V 36° GU5.3

## DECOSTAR 51S STAR | Halogen dichroic reflector lamps with 51 mm diameter



### AREAS OF APPLICATION

- General illumination
- Entrance lighting
- Workplace lighting
- Kitchen lighting
- Mirror lighting
- Object lighting

### PRODUCT BENEFITS

- Brilliant accent light
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter

### PRODUCT FEATURES

- Average life: 2,000 h
- 100 % dimmable
- Color rendering index $R_a$: 100
- Base: GU5.3
- Deco cover


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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Nominal wattage** | 20.00 W |
| **Nominal voltage** | 12 V |
| **Rated wattage** | 20.00 W |
| **Power factor λ** | 1.00 |

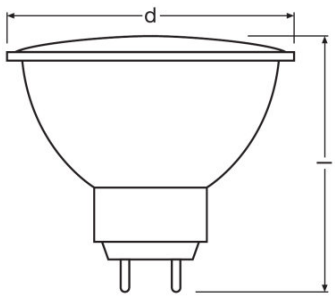
### Photometrical data

| | |
|---|---|
| **Nominal useful luminous flux 90°** | 210 lm |
| **Luminous intensity [PIM]** | 480 cd |
| **Rated color temperature** | 2800 K |
| **Light color (designation)** | Warm White |
| **Color rendering index Ra** | 100 |
| **Lumen main.fact.at end of nom.life time** | 0.75 |
| **Color temperature** | 2800 K |
| **Luminous flux** | 210 lm |
| **Color rendering index Ra** | 100 |
| **Rated useful luminous flux 90°** | 210 lm |
| **Rated peak intensity** | 480 cd |

### Light technical data

| | |
|---|---|
| **Beam angle** | 36 ° |
| **Nominal beam angle** | 36 ° |
| **Starting time** | 0.0 s |
| **Warm-up time (60 %)** | 0.00 s |
| **Rated beam angle (half peak value)** | 36.00 ° |

### Dimensions & weight




| | |
|---|---|
| **Diameter** | 51.0 mm |


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| | |
|---|---|
| **Length** | 46.0 mm |
| **Overall length** | 46.0 mm |
| **Outer bulb** | T9 |
| **Maximum diameter** | 51.0 mm |

## Lifespan

| | |
|---|---|
| **Nominal lamp life time** | 4000 h |
| **Rated lamp life time** | 4000 h |
| **Number of switching cycles** | 100000 |

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | GU5.3 |
| **Mercury content** | 0.0 mg |
| **Mercury-free** | Yes |

## Capabilities

| | |
|---|---|
| **Burning position** | Any |
| **Dimmable** | Yes |

## Certificates & standards

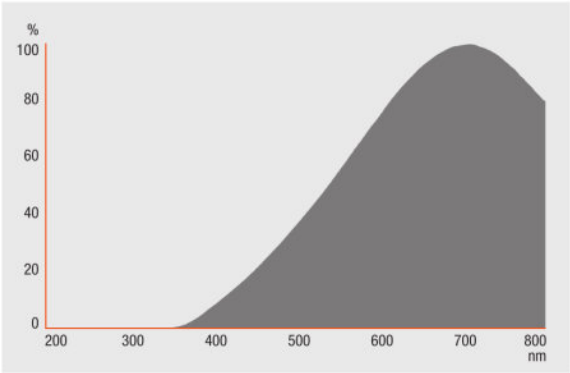
| | |
|---|---|
| **Energy efficiency class** | C |
| **Energy consumption** | 22 kWh/1000h |
| **Energy efficiency class** | C |

## Country-specific categorizations

| | |
|---|---|
| **ILCOS** | HRGS//UB-20-12-GU5.3-51/36 |


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## Light Distribution




Spectral power distribution

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4008321200389 | DECOSTAR 51S ST 20 W 12 V 36° GU5.3 | Shipping carton box 20 | 290 mm x 134 mm x 254 mm | 9.87 $dm^3$ | 936.00 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.

## DISCLAIMER

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


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