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## DECOSTAR 51 50 W 12 V 10° GU5.3

DECOSTAR 51 Standard | Halogen dichroic reflector lamps with 51 mm diameter



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### Areas of application

- General illumination
- Workplace lighting
- Kitchen lighting
- Mirror lighting
- Object lighting
- Shops
- Restaurants, hotels and similar prestigious applications

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### Product benefits

- Brilliant accent light
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- Low-pressure discharge vessel for use in open luminaires to IEC 2-3
- UV filter
- Contains no mercury

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### Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index  $R_a$ : 100

# Product datasheet

## Technical data

### Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor $\lambda$	1.00

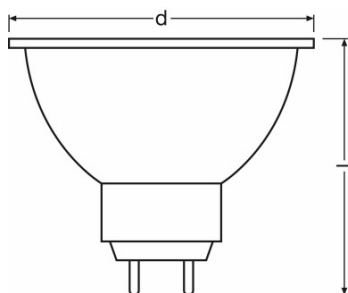
### Photometrical data

Nominal useful luminous flux 90°	680 lm
Luminous intensity	10000 cd
Color temperature	2950 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	680 lm

### Light technical data

Beam angle	10 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

### Dimensions & weight



Diameter	51.0 mm
Length	46.0 mm
Overall length	46.0 mm
Outer bulb	T9
Maximum diameter	51.0 mm

### Lifespan

## Product datasheet

Nominal lamp life time	2000 h
Rated lamp life time	3000 h
Number of switching cycles	50000 <sup>1)</sup>
Lumen main.fact.at end of nom.life time	0.75

<sup>1)</sup> At 1 min on / 3 min off

### Additional product data

Base (standard designation)	GU5.3
Lamp mercury content	0.0 mg
Mercury-free	Yes

### Capabilities

Burning position	Any
Dimmable	Yes

### Certificates & standards

Energy efficiency class	B
Energy consumption	53 kWh/1000h

### Country specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/10
Order reference	41870 SP 50W 12

# Product datasheet

## Light Distribution

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## Spectral power distribution

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300012636	DECOSTAR 51 50 W 12 V 10° GU5.3	Shipping carton box 20	103 mm x 122 mm x 244 mm	3.07 dm <sup>3</sup>	750.00 g

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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.

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### References / Links

For light distribution curves see

▶ [www.osram.com](http://www.osram.com)

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### Disclaimer

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