

## DECOSTAR 51 ECO 50 W 12 V 60° GU5.3

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



### Areas of application

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

### Product benefits

- Brilliant ECO accent lighting
- Significantly lower CO<sub>2</sub> emissions
- Constant luminous intensity and constant color location throughout their life
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

### Product features

- Average life: 5,000 h
- Dimmable
- Color rendering index R<sub>a</sub>: 100
- Color temperature: 3,000 K



Technical data

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Claimed equiv. conventional lamp power	75 W
Power factor $\lambda$	1.00

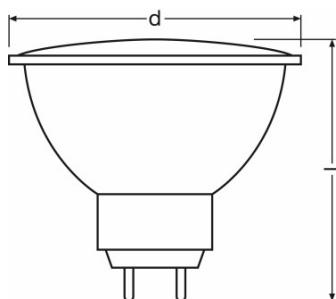
Photometrical data

Nominal useful luminous flux 90°	870 lm
Luminous intensity	1450 cd
Color temperature	3000 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	870 lm

Light technical data

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

Dimensions & weight



Diameter	51.0 mm
Length	46.0 mm
Overall length	45.0 mm
Outer bulb	MR51
Maximum diameter	51.0 mm

## Product datasheet

### Lifespan

Nominal lamp life time	5000 h
Rated lamp life time	5000 h
Number of switching cycles	125000 <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

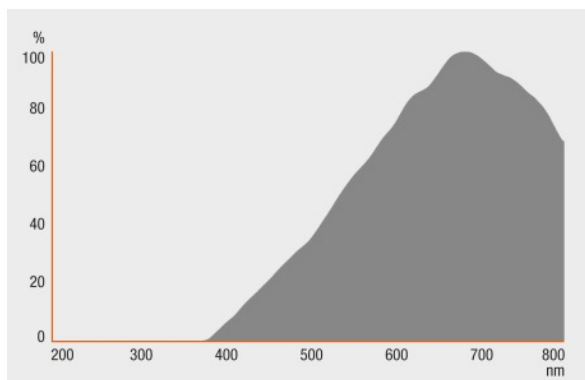
Energy efficiency class	B
Energy consumption	53 kWh/1000h

### Country specific categorizations

ILCOS	HRGS//UBIB-50-12-GU5.3-51/60
Order reference	48870ECOVWFL 50

## 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
4050300516738	DECOSTAR 51 ECO 50 W 12 V 60° GU5.3	Shipping carton box 20	238 mm x 126 mm x 109 mm	3.27 dm <sup>3</sup>	836.00 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.