

## DECOSTAR 51 50 W 12 V 36° GU5.3

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



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### Areas of application

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

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### Product benefits

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- 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

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

# Product datasheet

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## Technical data

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### Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor $\lambda$	1.00
Energy consumption	53 kWh/1000h

### Photometrical data

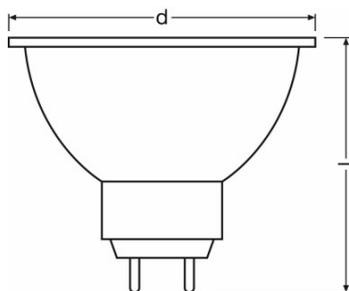
Nominal useful luminous flux 90°	680 lm
Luminous intensity	1500 cd
Color temperature	3000 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	680 lm

### Light technical data

Beam angle	36 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

### Dimensions & weight

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### Product line drawing

Diameter	51.0 mm
Length	46.0 mm

## Product datasheet

Overall length	46.0 mm
Outer bulb	T9
Maximum diameter	51.0 mm

### Colors & materials

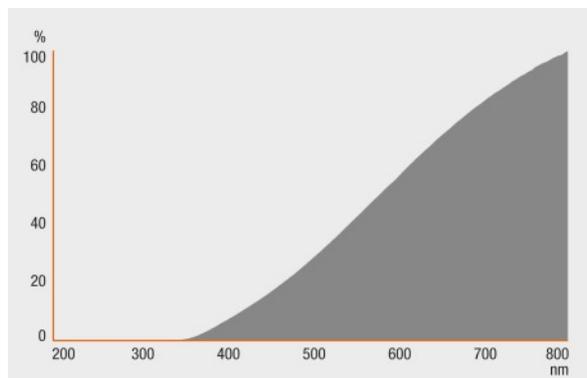
Lamp mercury content	0.0 mg
Mercury-free	Yes

### Lifespan

Nominal lamp life time	3000 h
Rated lamp life time	3000 h
Number of switching cycles	50000 <sup>1)</sup>

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

### Additional product data



### Spectral power distribution

Base (standard designation)	GU5.3
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### Capabilities

Burning position	Any
Dimmable	Yes

## Product datasheet

### Certificates & standards

Energy efficiency class	B
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### Country specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/36
Order reference	41870 WFL 50W 1

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### Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4050300012575	OSRH41870WFL	-	4739512	-

## Product datasheet

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### Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300012575	DECOSTAR 51 50 W 12 V 36° GU5.3	Folding carton box 1	46 mm x 46 mm x 58 mm	0.12 dm <sup>3</sup>	30.70 g
4050300499529	DECOSTAR 51 50 W 12 V 36° GU5.3	Shipping carton box 20	189 mm x 122 mm x 163 mm	3.76 dm <sup>3</sup>	690.00 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

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For light distribution curves see

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

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### Disclaimer

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