

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

DECOSTAR 51 TITAN | Halogen longlife dichroic reflector lamps 51 mm and glass panel



### Areas of application

- General illumination
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

### Product benefits

- Brilliant accent light
- Constant bluish appearance of the light escaping at the back of the reflector
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- Constant luminous intensity and constant color location throughout
- Flat clear shield
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

### Product features

- Average life: 4,000 h
- Dimmable
- Color rendering index  $R_a$ : 100
- Color temperature: 3,000 K

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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

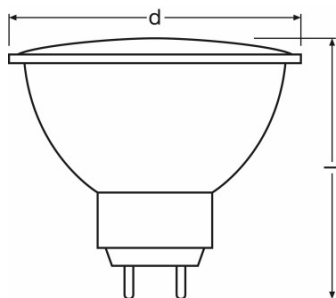
Nominal useful luminous flux 90°	770 lm
Luminous intensity	1100 cd
Color temperature	3000 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	770 lm

### Light technical data

Beam angle	60 °
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

<b>Overall length</b>	46.0 mm
<b>Outer bulb</b>	MR51
<b>Maximum diameter</b>	51.0 mm

### Colors & materials

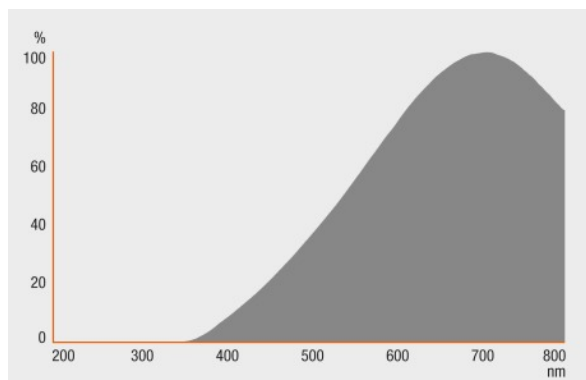
<b>Lamp mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes

### Lifespan

<b>Nominal lamp life time</b>	4000 h
<b>Rated lamp life time</b>	4000 h
<b>Number of switching cycles</b>	100000 <sup>1)</sup>

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

### Additional product data



### Spectral power distribution

<b>Base (standard designation)</b>	GU5.3
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### Capabilities

<b>Burning position</b>	Any
<b>Dimmable</b>	Yes

## Product datasheet

### Certificates & standards

Energy efficiency class	B
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### Country specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/60
Order reference	46870 VWFL 50W

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### Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300428796	OSRH46870VWFL	8326966	4739646	-

## 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
4050300428796	DECOSTAR 51 TITAN 50 W 12 V 60° GU5.3	Folding carton box 1	46 mm x 46 mm x 58 mm	0.12 dm <sup>3</sup>	38.00 g
4050300531878	DECOSTAR 51 TITAN 50 W 12 V 60° GU5.3	Shipping carton box 20	109 mm x 122 mm x 238 mm	3.16 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

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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.