

# PRODUCT DATASHEET

## DECOSTAR 51 TITAN 20 W 12 V 36° GU5.3

DECOSTAR® 51 TITAN | Halogen dichroic reflector lamps with 51 mm diameter



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### Areas of application

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

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### 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 the lifetime
- Flat clear shield
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

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### Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index  $R_a$ : 100
- Color temperature: 3,000 K
- Diameter: 51 mm
- Deco cover

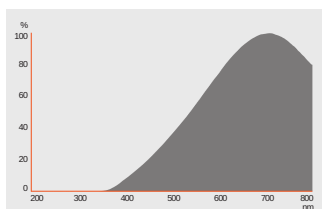
**TECHNICAL DATA**

**Electrical data**

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Power factor $\lambda$	1.00

**Photometrical data**

Luminous intensity	780 cd
Luminous flux	300 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	15 lm/W
Lumen main.fact.at end of nom.life time	0.75
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	100
Light color	1030
Rated peak intensity	780 cd
UV protection	Yes



**Light technical data**

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

**Dimensions & Weight**

Overall length	46.00 mm
Diameter	51.0 mm
Maximum diameter	51 mm

Product weight	31.95 g
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### Lifespan

Nominal 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
Design / version	Reflector

### Capabilities

Dimmable	Yes
Burning position	Any

### Certificates & Standards

Energy efficiency class	B
Energy consumption	22.00 kWh/1000h





### Country-specific categorizations

ILCOS	HRGS//UB-20-12-GU5.3-51/36
Order reference	46860 WFL

### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
Length	46.00 mm
Height	51.0 mm
Width	51.0 mm

### DOWNLOAD DATA

DOWNLOAD DATA	
	CAD data 3-dim 320754_OSRAM DECOSTAR 51
	CAD data 3-dim 320674_DECOSTAR 51 TITAN
	CAD data 3-dim 320675_DECOSTAR 51 TITAN
	CAD data 3-dim 320755_OSRAM DECOSTAR 51

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300428659	Folding box 1	58 mm x 46 mm x 46 mm	41.00 g	0.12 dm <sup>3</sup>
4050300531809	Shipping box 20	238 mm x 122 mm x 109 mm	896.00 g	3.16 dm <sup>3</sup>

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.