

# PRODUCT DATASHEET

## DECOSTAR 51 PRO 50 W 12 V 36° GU5.3

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



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

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

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### PRODUCT FEATURES

- Average life: 5,000 h
- 100 % dimmable
- Color rendering index R<sub>a</sub>: 100
- Color temperature: 3,000 K
- Diameter: 51 mm
- Deco cover
- IRC technology

**TECHNICAL DATA**

Electrical data

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

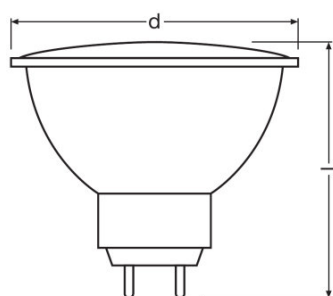
Photometrical data

Nominal useful luminous flux 90°	870 lm
Luminous intensity [PIM]	2850 cd
Rated color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Color temperature	3000 K
Luminous flux	870 lm
Color rendering index Ra	100
Rated useful luminous flux 90°	870 lm
Rated peak intensity	2850 cd

Light technical data

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

Dimensions & weight



<b>Diameter</b>	51.0 mm
<b>Length</b>	46.0 mm
<b>Overall length</b>	45.0 mm
<b>Outer bulb</b>	MR51
<b>Maximum diameter</b>	51.0 mm

#### Lifespan

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

#### Additional product data

<b>Base (standard designation)</b>	GU5.3
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes

#### Capabilities

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

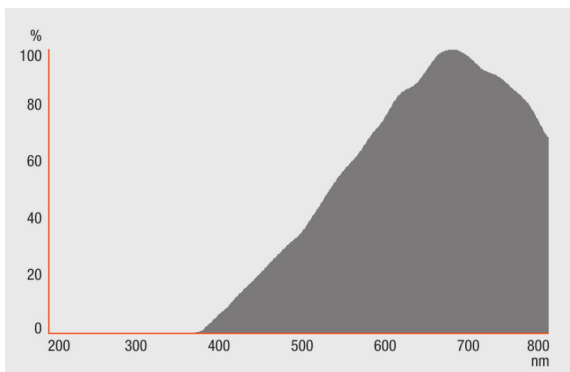
#### Certificates & standards

<b>Energy consumption</b>	54 kWh/1000h
<b>Energy efficiency class</b>	B

#### Country-specific categorizations

<b>ILCOS</b>	HRGS//UBIB-50-12-GU5.3-51/36
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300516714	Folding carton box 1	58 mm x 46 mm x 51 mm	38.00 g	0.14 dm <sup>3</sup>
4050300533940	Shipping carton box 20	238 mm x 122 mm x 123 mm	836.00 g	3.57 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.