

# PRODUCT DATASHEET

## DECOSTAR 51 PRO 20 W 12 V 60° GU5.3

DECOSTAR® 51 PRO | 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 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

---

### 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

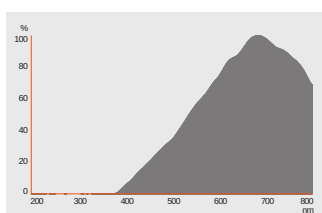
## TECHNICAL DATA

### Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Power factor $\lambda$	1.00

### Photometrical data

Luminous intensity	450 cd
Luminous flux	380 lm
Nominal useful luminous flux 90°	300 lm
Luminous efficacy	19 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	450 cd
UV protection	Yes



### Light technical data

Beam angle	60 °
Warm-up time (60 %)	0.00 s
Starting time	0.0 s
Rated beam angle (half peak value)	60.00 °

### Dimensions & Weight

Overall length	45.00 mm
Diameter	50.7 mm

Maximum diameter	51 mm
Product weight	31.7 g

### Lifespan

Nominal lamp life time	5000 h
Number of switching cycles	125000

### 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//UBIB-20-12-GU5.3-51/60
Order reference	48860 ECO VWFL

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

Light source cap-type (or other electric interface)	GU5.3
Length	46.00 mm
Height	50.7 mm
Width	50.7 mm

### DOWNLOAD DATA

DOWNLOAD DATA	
	CAD data 3-dim 320755_OSRAM DECOSTAR 51
	CAD data 3-dim 320754_OSRAM DECOSTAR 51

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300620220	Folding box 1	58 mm x 46 mm x 51 mm	38.00 g	0.14 dm <sup>3</sup>
4050300620237	Shipping box 20	105 mm x 122 mm x 244 mm	836.00 g	3.13 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.