

# PRODUCT DATASHEET

## DECOSTAR CB 50 W 12 V 36° GU5.3

DECOSTAR 51 COOL BLUE | Halogen dichroic reflector lamps with 51 mm diameter

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### AREAS OF APPLICATION

- Shops selling jewellery, glassware or ceramic goods



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### PRODUCT BENEFITS

- Brilliant accent light
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- 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  $R_a$ : 95
- Color temperature: 4,400 K
- Diameter: 51 mm
- Coated deco cover for bluish white light



**TECHNICAL DATA**

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor $\lambda$	1.00

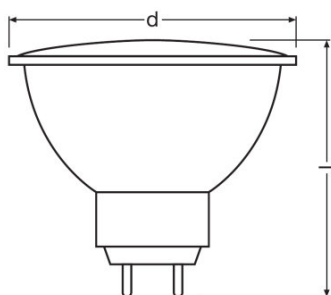
Photometrical data

Nominal useful luminous flux 90°	680 lm
Luminous intensity	1200 cd
Rated color temperature	4500 K
Light color (designation)	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
Rated peak intensity	1200 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



Diameter	51.0 mm
Length	46.0 mm
Overall length	46.0 mm
Outer bulb	T9

<b>Maximum diameter</b>	51.0 mm
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#### Lifespan

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

#### 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

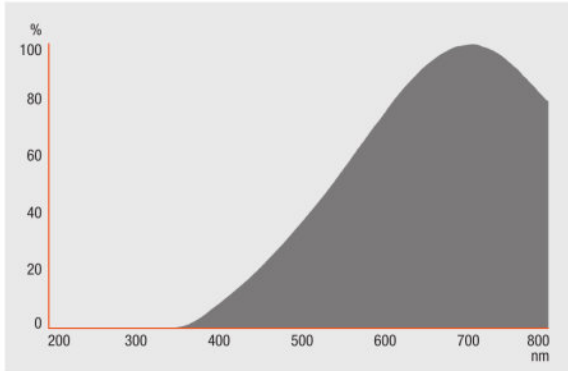
#### Certificates & standards

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

#### Country-specific categorizations

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



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300816661	DECOSTAR CB 50 W 12 V 36° GU5.3	Shipping carton box 20	208 mm x 124 mm x 143 mm	3.69 dm <sup>3</sup>	851.25 g

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.