

PRODUCT DATASHEET

DECOSTAR CB 50 W 12 V 36° GU5.3

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



AREAS OF APPLICATION

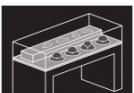
- Shops selling jewellery, glassware or ceramic goods

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

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 λ	1.00

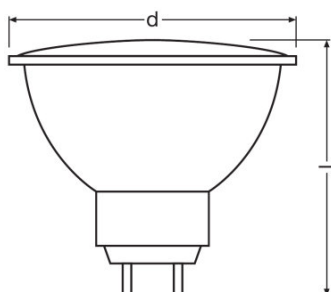
Photometrical data

Nominal useful luminous flux 90°	680 lm
Luminous intensity [PIM]	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
Color temperature	4500 K
Luminous flux	680 lm
Color rendering index Ra	100
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
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Length	46.0 mm
Overall length	46.0 mm
Outer bulb	T9
Maximum diameter	51.0 mm

Lifespan

Nominal lamp life time	4000 h
Rated 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

Capabilities

Burning position	Any
Dimmable	Yes

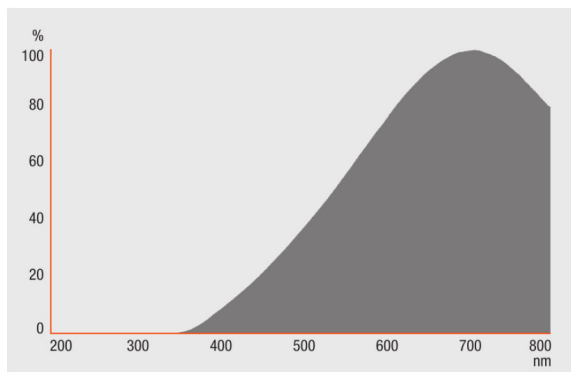
Certificates & standards

Energy consumption	54 kWh/1000h
Energy efficiency class	C

Country-specific categorizations

ILCOS	HRGS//UB-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
4050300816661	Folding carton box 1	58 mm x 44 mm x 49 mm	37.75 g	0.13 dm ³
4050300816678	Shipping carton box 20	208 mm x 124 mm x 143 mm	851.25 g	3.69 dm ³

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.