
DECOSTAR 51 TITAN 20 W 12 V 10° GU5.3

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



Areas of application

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

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

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	20.00 W
Nominal voltage	12.0 V
Rated wattage	20.00 W
Number of switching cycles	100000
Power factor λ	1.00

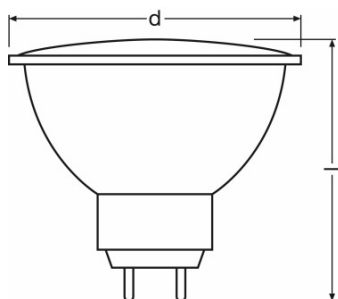
Photometrical data

Nominal useful luminous flux 90°	250 lm
Luminous intensity	5000 cd
Color temperature	2900 K
Light color (designation)	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	250 lm

Light technical data

Beam angle	10 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

Dimensions & weight



Diameter	51.0 mm
Length	46.0 mm
Overall length	45.0 mm
Outer bulb	MR51
Maximum diameter	51.0 mm

Product datasheet

Lifespan

Nominal lamp life time	4000 h
Rated lamp life time	4000 h
Lumen main.fact.at end of nom.life time	0.75

Additional product data

Base (standard designation)	GU5.3
Lamp mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Burning position	Any
Dimmable	Yes

Certificates & standards

Energy efficiency class	B
Energy consumption	22 kWh/1000h

Country specific categorizations

ILCOS	HRGS//UB-20-12-GU5.3-51/10
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Product datasheet

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300428635	DECOSTAR 51 TITAN 20 W 12 V 10° GU5.3	Shipping carton box 20	103 mm x 122 mm x 246 mm	3.09 dm ³	836.00 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.

References / Links

For light distribution curves see

▶ www.osram.com

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.