

PRODUCT DATASHEET

DECOSTAR 51 TITAN 50 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	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor λ	1.00

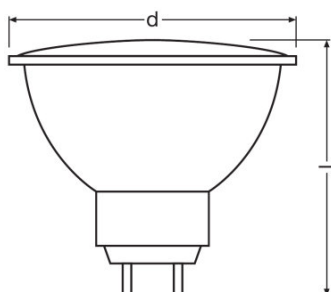
Photometrical data

Nominal useful luminous flux 90°	770 lm
Luminous intensity [PIM]	12500 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	900 lm
Color rendering index Ra	100
Rated useful luminous flux 90°	770 lm
Rated peak intensity	12500 cd

Light technical data

Beam angle	10 °
Nominal beam angle	10 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	10.00 °

Dimensions & weight



Diameter	51.0 mm
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Length	46.0 mm
Overall length	46.0 mm
Outer bulb	MR51
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

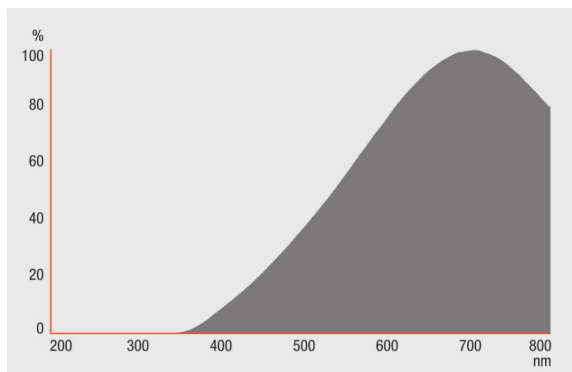
Certificates & standards

Energy consumption	54 kWh/1000h
Energy efficiency class	B

Country-specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/10
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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
4050300428758	Folding carton box 1	58 mm x 46 mm x 46 mm	41.00 g	0.12 dm ³
4050300531854	Shipping carton box 20	238 mm x 122 mm x 109 mm	896.00 g	3.16 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.