

PRODUCT DATASHEET

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

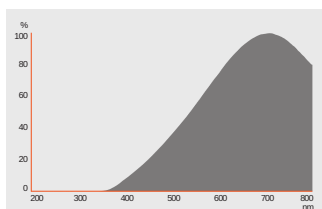
TECHNICAL DATA

Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Power factor λ	1.00

Photometrical data

Luminous intensity	5000 cd
Luminous flux	300 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	15 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	5000 cd
UV protection	Yes



Light technical data

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

Dimensions & Weight

Overall length	45.00 mm
Diameter	50.7 mm
Maximum diameter	51 mm

Product weight	32.5 g
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Lifespan

Nominal 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
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//UB-20-12-GU5.3-51/10
Order reference	46860 SP

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 320674_DECOSTAR 51 TITAN
	CAD data 3-dim 320675_DECOSTAR 51 TITAN
	CAD data 3-dim 320754_OSRAM DECOSTAR 51
	CAD data 3-dim 320755_OSRAM DECOSTAR 51

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300428635	Folding box 1	58 mm x 46 mm x 46 mm	38.00 g	0.12 dm ³
4050300531793	Shipping box 20	103 mm x 122 mm x 246 mm	836.00 g	3.09 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.