
DECOSTAR 51 20 W 12 V 10° GU5.3

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



Areas of application

- General illumination
- Workplace lighting
- Kitchen lighting
- Mirror lighting
- Object lighting
- Shops
- Restaurants, hotels and similar prestigious applications

Product benefits

- Brilliant accent light
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- Low-pressure discharge vessel for use in open luminaires to IEC 2-3
- UV filter
- Contains no mercury

Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index R_a : 100

Product datasheet

Technical data

Electrical data

Nominal wattage	20.00 W
Nominal voltage	12 V
Rated wattage	20.00 W
Power factor λ	1.00

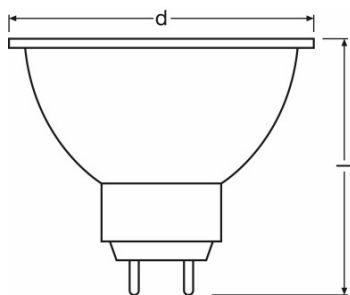
Photometrical data

Nominal useful luminous flux 90°	210 lm
Luminous intensity	3150 cd
Color temperature	2800 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	210 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	46.0 mm
Outer bulb	T9
Maximum diameter	51.0 mm

Lifespan

Product datasheet

Nominal lamp life time	2000 h
Rated lamp life time	2000 h
Number of switching cycles	50000 ¹⁾
Lumen main.fact.at end of nom.life time	0.75

¹⁾ At 1 min on / 3 min off

Additional product data

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

Capabilities

Burning position	Any
Dimmable	Yes

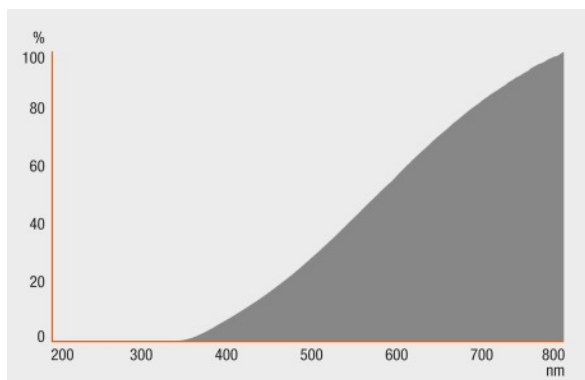
Certificates & standards

Energy efficiency class	B
Energy consumption	22 kWh/1000h

Country specific categorizations

ILCOS	HRGS//UB-20-12-GU5.3-51/10
Order reference	41860 SP 20W 12

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300012612	DECOSTAR 51 20 W 12 V 10° GU5.3	Shipping carton box 20	104 mm x 124 mm x 241 mm	3.11 dm ³	704.00 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

Disclaimer

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