
DECOSTAR 51S 50 W 12 V 36° GU5.3

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



Areas of application

- General illumination
- Entrance lighting
- Workplace lighting
- Kitchen lighting
- Mirror lighting
- Object lighting

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: 2,000 h
- 100 % dimmable
- Color rendering index R_a : 100
- Diameter: 51 mm
- Deco cover

Product datasheet

Technical data

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12.0 V
Rated wattage	50.00 W
Number of switching cycles	50000
Power factor λ	1.00

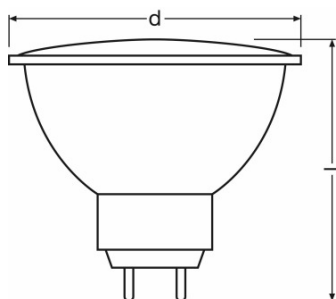
Photometrical data

Nominal useful luminous flux 90°	680 lm
Luminous intensity	1450 cd
Color temperature	2950 K
Light color (designation)	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	680 lm

Light technical data

Beam angle	36 °
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	MR51
Maximum diameter	51.0 mm

Product datasheet

Lifespan

Nominal lamp life time	2000 h
Rated lamp life time	2000 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

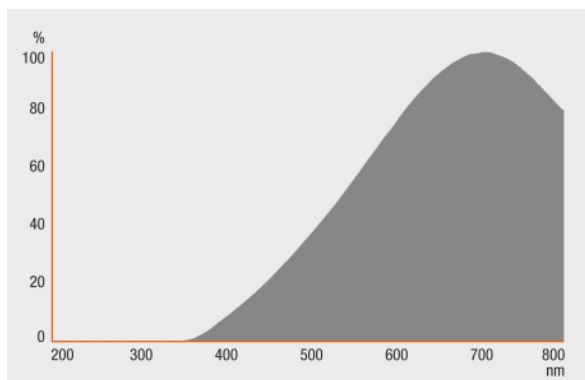
Energy efficiency class	B
Energy consumption	53 kWh/1000h

Country specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/36
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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
4050300272795	DECOSTAR 51S 50 W 12 V 36° GU5.3	Shipping carton box 20	192 mm x 122 mm x 157 mm	3.68 dm ³	856.00 g
4050300272795	DECOSTAR 51S 50 W 12 V 36° GU5.3	Shipping carton box 20	106 mm x 127 mm x 244 mm	3.28 dm ³	940.00 g
4050300272795	DECOSTAR 51S 50 W 12 V 36° GU5.3	Shipping carton box 60	290 mm x 135 mm x 245 mm	9.59 dm ³	2578.00 g
4050300272795	DECOSTAR 51S 50 W 12 V 36° GU5.3	Shipping carton box 10	232 mm x 95 mm x 57 mm	1.26 dm ³	443.00 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

Product datasheet

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