

## 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 V
Rated wattage	50.00 W
Power factor $\lambda$	1.00

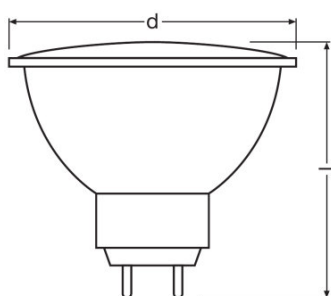
#### Photometrical data

Nominal useful luminous flux 90°	680 lm
Luminous intensity	1450 cd
Light color (designation)	Warm White
Rated color temperature	2950 K
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	680 lm
Rated peak intensity	1450 cd

#### Light technical data

Beam angle	36 °
Nominal beam angle	36 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	36.00 °

#### Dimensions & weight



Diameter	51.0 mm
Overall length	46.0 mm
Outer bulb	MR51

## Product datasheet

Length	46.0 mm
Maximum diameter	51.0 mm

### Lifespan

Rated lamp life time	2000 h
Number of switching cycles	50000

### 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 efficiency class	B
Energy consumption	53 kWh/1000h

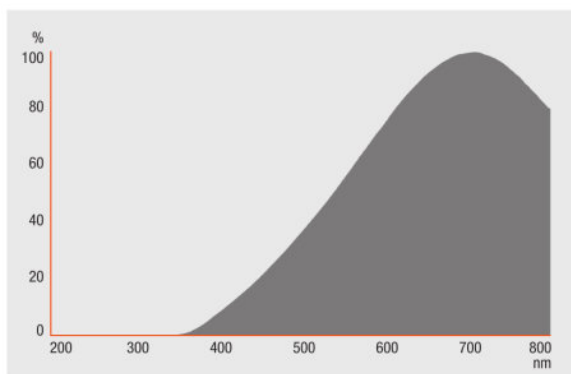
### Country specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/36
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## Product datasheet

### Light Distribution

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Spectral power distribution

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### 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 Pieces Folding carton box	192 mm x 122 mm x 157 mm	3.68 dm <sup>3</sup>	856.00 g
4050300272795	DECOSTAR 51S 50 W 12 V 36° GU5.3	Shipping carton box 20 Pieces Folding carton box	106 mm x 127 mm x 244 mm	3.28 dm <sup>3</sup>	940.00 g
4050300272795	DECOSTAR 51S 50 W 12 V 36° GU5.3	Shipping carton box 60 Pieces Folding carton box	290 mm x 135 mm x 245 mm	9.59 dm <sup>3</sup>	2578.00 g

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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.

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### References / Links

For light distribution curves see

▶ [www.osram.com](http://www.osram.com)

## Product datasheet

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### Disclaimer

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