

# Product datasheet

## DECOSTAR 51S 35 W 12 V 36° GU5.3

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

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



- 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: 4,000 h 100 % dimmable Color rendering index Ra: 100 Diameter: 51 mm Deco coverProduct 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 mercuryAreas of application General illumination Entrance lighting Workplace lighting Kitchen lighting Mirror lighting Object lighting

## Technical data

### Electrical data

Nominal wattage	35.00 W
Nominal voltage	12 V
Rated wattage	35.00 W
Power factor $\lambda$	1.00

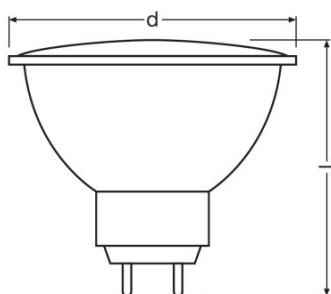
### Photometrical data

Nominal useful luminous flux 90°	430 lm
Luminous intensity	1000 cd
Light color (designation)	Warm White
Rated color temperature	2900 K
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	430 lm
Rated peak intensity	1000 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	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

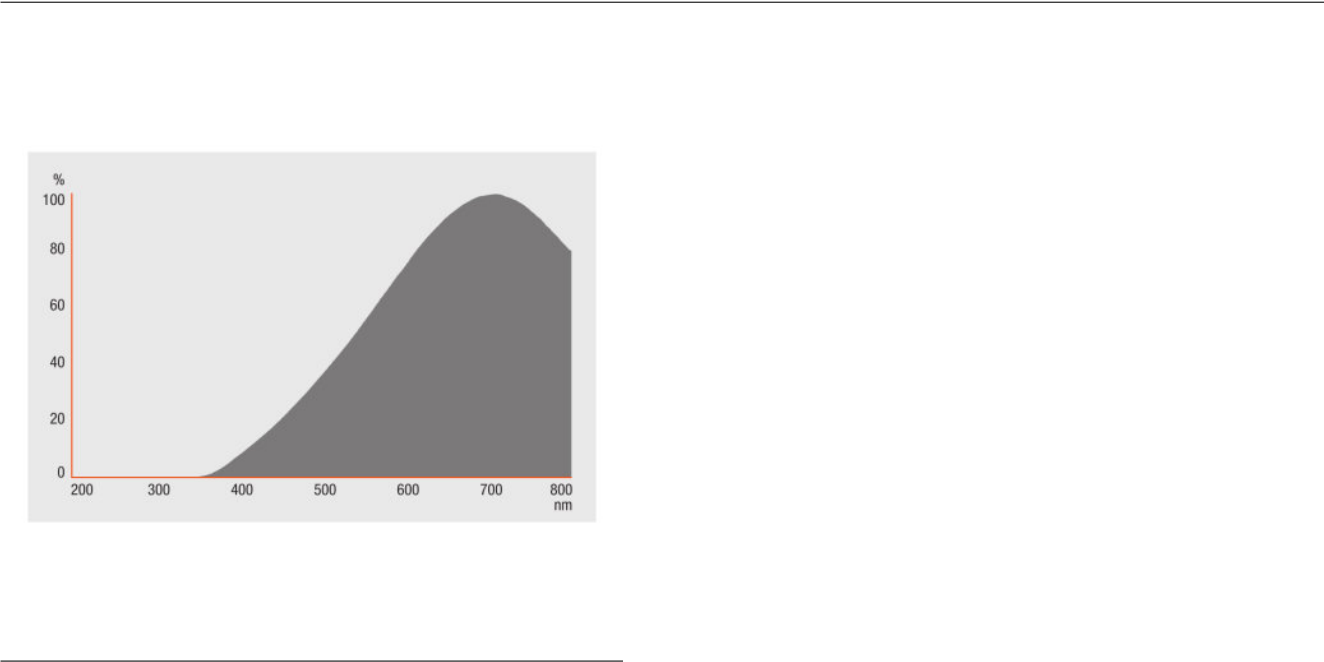
### Certificates & standards

Energy efficiency class	C
Energy consumption	38 kWh/1000h

### Country specific categorizations

ILCOS	HRGS//UB-35-12-GU5.3-51/36
-------	----------------------------

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300272634	DECOSTAR 51S 35 W 12 V 36° GU5.3	Shipping carton box 20 Pieces Folding carton box	201 mm x 123 mm x 148 mm	3.66 dm <sup>3</sup>	856.12 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](http://www.osram.com)

Disclaimer

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

OSRAM GMBH is distribution partner  
of LEDVANCE for Digital Lighting  
Systems and Components

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany