

PRODUCT DATASHEET

DECOSTAR 51 SST 4000 14 W 12 V 36° GU5.3

DECOSTAR 51 SUPERSTAR 4000 | Halogen dichroic reflector lamps with 51 mm diameter



AREAS OF APPLICATION

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

PRODUCT BENEFITS

- Up to 30 % energy savings through IRC technology (comp. with conv. halogen lamps)
- Brilliant accent lighting
- Significantly lower CO₂ emissions compared to standard version
- Constant luminous intensity and constant color location throughout the lifetime
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter

PRODUCT FEATURES

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R_a: 100
- Base: GU5.3
- Deco cover

TECHNICAL DATA

Electrical data

Nominal wattage	14.00 W
Nominal voltage	12 V
Rated wattage	14.00 W
Power factor λ	1.00
Claimed equiv. conventional lamp power	20 W

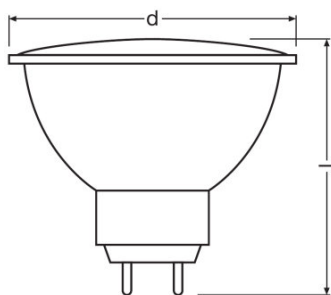
Photometrical data

Nominal useful luminous flux 90°	180 lm
Luminous intensity [PIM]	480 cd
Rated color temperature	2800 K
Light color (designation)	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Color temperature	2800 K
Luminous flux	180 lm
Color rendering index Ra	100
Rated useful luminous flux 90°	180 lm
Rated peak intensity	480 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	50.7 mm
Length	46.0 mm
Overall length	45.0 mm
Outer bulb	T9
Maximum diameter	51.0 mm

Lifespan

Nominal lamp life time	4000 h
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

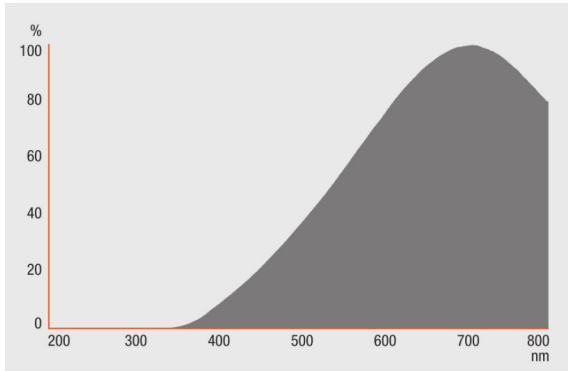
Certificates & standards

Energy consumption	16 kWh/1000h
Energy efficiency class	B

Country-specific categorizations

ILCOS	HRGS//UB-14-12-GU5.3-51/36
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321931863	Blister 1	140 mm x 50 mm x 120 mm	44.25 g	0.84 dm ³
4008321931931	Shipping carton box 10	290 mm x 134 mm x 254 mm	625.46 g	9.87 dm ³
4058075008366	Blister 2	140 mm x 120 mm x 51 mm	43.90 g	0.86 dm ³
4058075008373	Shipping carton box 20	290 mm x 254 mm x 134 mm	914.00 g	9.87 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.