

PRODUCT DATASHEET

DECOSTAR 51 ALU 50 W 12 V 36° GU5.3

DECOSTAR 51 ALU | Halogen alu coated glas reflector lamps with 51 mm diameter



AREAS OF APPLICATION

- General illumination
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

PRODUCT BENEFITS

- Brilliant accent light
- No light can escape at the back of the reflector
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Aluminum-coated reflector without a shield reduces thermal load in luminaire
- Reduced thermal load: ~60 % compared with aluminum-coated reflectors with shield
- Reduced thermal load: ~80 % compared with dichroic reflectors with shield
- Contains no mercury

PRODUCT FEATURES

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

TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor λ	1.00

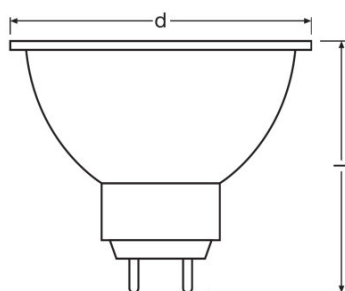
Photometrical data

Nominal useful luminous flux 90°	680 lm
Luminous intensity	1800 cd
Rated color temperature	2950 K
Light color (designation)	Warm White
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	1800 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
Length	46.0 mm
Overall length	46.0 mm
Outer bulb	T9

Maximum diameter	51.0 mm
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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

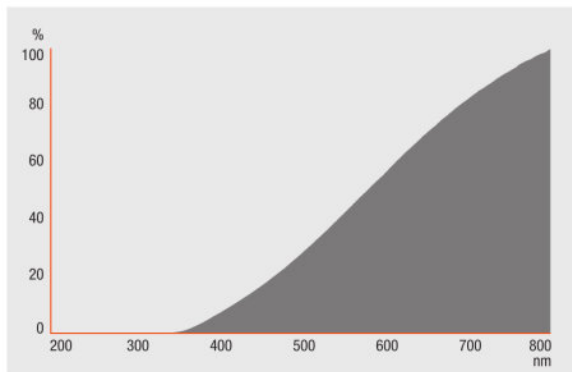
Certificates & standards

Energy efficiency class	C
Energy consumption	54 kWh/1000h

Country-specific categorizations

ILCOS	HAGS//UB-50-12-GU5.3-51/36
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300428857	DECOSTAR 51 ALU 50 W 12 V 36° GU5.3	Shipping carton box 20	172 mm x 122 mm x 174 mm	3.65 dm ³	690.00 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.

DISCLAIMER

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