
DECOSTAR 51 ALU 35 W 12 V 36° GU5.3

DECOSTAR 51 ALU | Halogen alu coated dichroic 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
- Dimmable
- Color rendering index R_a : 100

Product datasheet

Technical data

Electrical data

Nominal wattage	35.0 W
Nominal voltage	12.0 V
Rated wattage	35.00 W
Power factor λ	1.00

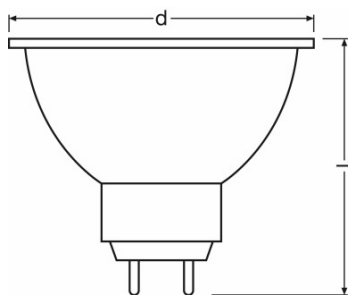
Photometrical data

Nominal useful luminous flux 90°	430 lm
Luminous intensity	1100 cd
Color temperature	2900 K
Light color (designation)	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	430 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	T9
Maximum diameter	51.0 mm

Lifespan

Product datasheet

Nominal lamp life time	2000 h
Rated lamp life time	2000 h
Number of switching cycles	50000 ¹⁾
Lumen main.fact.at end of nom.life time	0.75

¹⁾ At 1 min on / 3 min off

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	38 kWh/1000h

Country specific categorizations

ILCOS	HAGS//UB-35-12-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
4008597118890	DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	Shipping carton box 20	104 mm x 124 mm x 241 mm	3.11 dm ³	683.00 g
4050300428833	DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	Shipping carton box 20	140 mm x 124 mm x 210 mm	3.65 dm ³	688.00 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

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