

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 fixture
- Reduced thermal load: ~60 % compared with aluminum-coated reflectors with shield
- Reduced thermal load: ~80 % compared with dichroic reflectors with shield

Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index R_a : 100

Product datasheet

Technical data

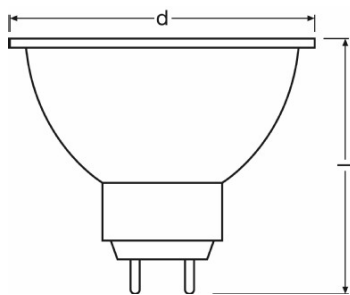
Electrical data

Nominal wattage	35 W
Nominal voltage	12 V
Rated wattage	35 W
Power factor λ	1.00
Energy consumption	38 kWh/1000h

Light technical data

Nominal useful luminous flux 90°	430 lm
Luminous intensity	1100 cd
Beam angle	36 °
Color temperature	2900 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	430 lm

Dimensions & weight



Product line drawing

Diameter	51.0 mm
Length	46.0 mm
Overall length	46.0 mm
Outer bulb	T9

Product datasheet

Maximum diameter	51.0 mm
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Colors & materials

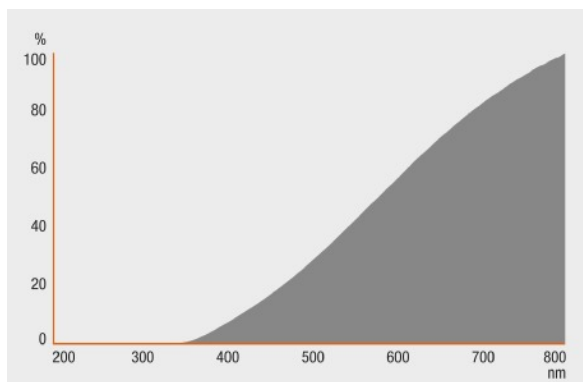
Lamp mercury content	0.0 mg
Mercury-free	Yes

Lifespan

Nominal lamp life time	2000 h
Rated lamp life time	2000 h
Number of switching cycles	50000 ¹⁾

¹⁾ At 1 min on / 3 min off

Additional product data



Spectral power distribution

Base (standard designation)	GU5.3
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Capabilities

Burning position	Any
Dimmable	Yes

Certificates & standards

Energy efficiency class	B
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Product datasheet

Country specific categorizations

ILCOS	HAGS//UB-35-12-GU5,3-51/36
Order reference	41866 WFL

Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300428833	OSRH41866WFL	8326984	4739664	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300428833	DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	Folding carton box 1	46 mm x 46 mm x 58 mm	0.12 dm ³	30.60 g
4050300531656	DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	Shipping carton box 20	210 mm x 124 mm x 140 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.