

## DECOSTAR 51 ALU 35 W 12 V 36° GU5.3

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



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### Areas of application

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

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### Product benefits

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- 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

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### Product features

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

# Product datasheet

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## Technical data

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### Electrical data

Nominal wattage	35.00 W
Nominal voltage	12 V
Rated wattage	35.00 W
Power factor $\lambda$	1.00
Energy consumption	38 kWh/1000h

### Photometrical data

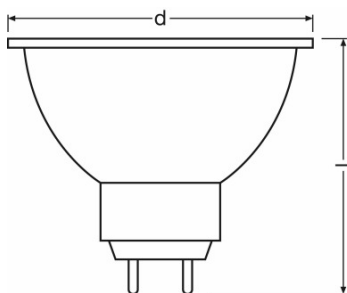
Nominal useful luminous flux 90°	430 lm
Luminous intensity	1100 cd
Color temperature	2900 K
Light color as per EN 12464-1	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Rated useful luminous flux 90°	430 lm

### Light technical data

Beam angle	36 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

### Dimensions & weight

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### Product line drawing

Diameter	51.0 mm
Length	46.0 mm

## Product datasheet

<b>Overall length</b>	46.0 mm
<b>Outer bulb</b>	T9
<b>Maximum diameter</b>	51.0 mm

### Colors & materials

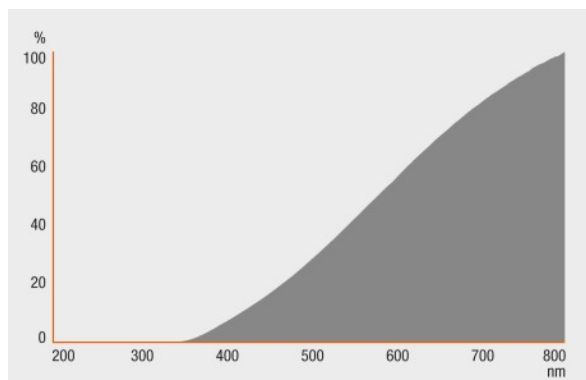
<b>Lamp mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes

### Lifespan

<b>Nominal lamp life time</b>	2000 h
<b>Rated lamp life time</b>	2000 h
<b>Number of switching cycles</b>	50000 <sup>1)</sup>

<sup>1)</sup> At 1 min on / 3 min off

### Additional product data



### Spectral power distribution

<b>Base (standard designation)</b>	GU5.3
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### Capabilities

<b>Burning position</b>	Any
<b>Dimmable</b>	Yes

## Product datasheet

### Certificates & standards

Energy efficiency class	B
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### Country specific categorizations

ILCOS	HAGS//UB-35-12-GU5.3-51/36
Order reference	41866 WFL 35W 1

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### Country specific information

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

## Product datasheet

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### Logistical Data

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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 <sup>3</sup>	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 <sup>3</sup>	688.00 g

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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.

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### References / Links

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For light distribution curves see

▶ [www.osram.com](http://www.osram.com)

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### Disclaimer

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