

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

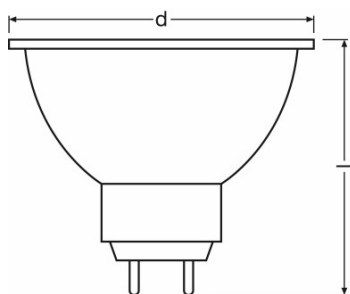
Product benefits

- 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 family datasheet



Product line drawing

Product family datasheet

Technical data

Product description	Nominal wattage	Nominal voltage	Luminous intensity	Beam angle	Base (standard designation)	Diameter
DECOSTAR 51 ALU 20 W 12 V 36° GU5.3	20 W	12 V	510 cd	36 °	GU5.3	51.0 mm
DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	35 W	12 V	1100 cd	36 °	GU5.3	51.0 mm
DECOSTAR 51 ALU 50 W 12 V 36° GU5.3	50 W	12 V	1800 cd	36 °	GU5.3	51.0 mm

Product description	Color temperature	Overall length	Burning position	Rated wattage	Nominal lamp life time	Rated lamp life time
DECOSTAR 51 ALU 20 W 12 V 36° GU5.3	2800 K	46.0 mm	Any	20.00 W	2000 h	2000 h
DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	2900 K	46.0 mm	Any	35.00 W	2000 h	2000 h
DECOSTAR 51 ALU 50 W 12 V 36° GU5.3	2950 K	46.0 mm	Any	50.00 W	2000 h	2000 h

Product description	Rated luminous flux	Color rendering index Ra	Starting time	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content
DECOSTAR 51 ALU 20 W 12 V 36° GU5.3	N/A lm	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg
DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	N/A lm	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg
DECOSTAR 51 ALU 50 W 12 V 36° GU5.3	N/A lm	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg

Product family datasheet

Product description	Power factor λ	Dimmable	Energy efficiency class	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free
DECOSTAR 51 ALU 20 W 12 V 36° GU5.3	1.00	Yes	B	HAGS//UB-20-12-GU5.3- 51/36	0.75	Yes
DECOSTAR 51 ALU 35 W 12 V 36° GU5.3	1.00	Yes	B	HAGS//UB-35-12-GU5.3- 51/36	0.75	Yes
DECOSTAR 51 ALU 50 W 12 V 36° GU5.3	1.00	Yes	B	HAGS//UB-50-12-GU5.3- 51/36	0.75	Yes

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

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.