

DECOSTAR 51S Standard

Halogen dichroic reflector lamps with 51 mm diameter and glass panel



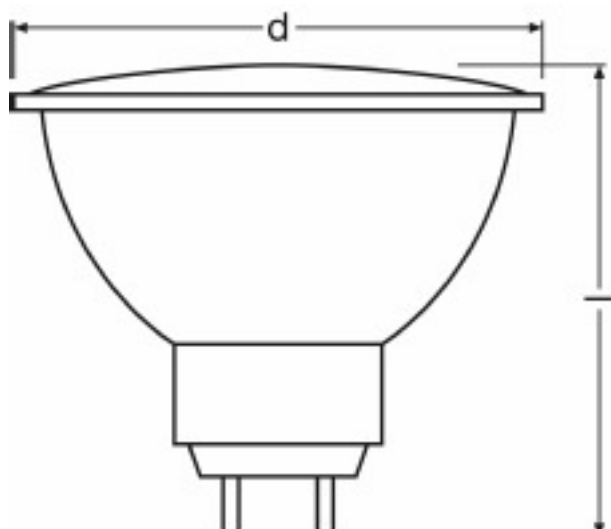
- General illumination
- Entrance lighting
- Workplace lighting
- Kitchen lighting
- Mirror lighting
- Object lighting

Product benefits

- Brilliant accent light
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury, can be thrown away with normal household waste

Product features

- Average life: 2,000 h
- Dimmable
- Color rendering index R_a : 100
- Base: GU5.3



Product line drawing

DECOSTAR 51S 20 W 12 V 10° GU5.3 | DECOSTAR 51S 20 W
12 V 36° GU5.3 | DECOSTAR 51S 35 W 12 V 10° GU5.3 |
DECOSTAR 51S 35 W 12 V 36° GU5.3 | DECOSTAR 51S 50 W
12 V 24° GU5.3 | DECOSTAR 51S 50 W 12 V 10° GU5.3 |
DECOSTAR 51S 50 W 12 V 60° GU5.3 | DECOSTAR 51S 50 W
12 V 36° GU5.3 | DECOSTAR 51S 50 W 12 V 36° GU5.3

Technical data

Product description	Nominal wattage	Nominal voltage	Beam angle	Base (standard designation)	Diameter	Color temperature
DECOSTAR 51S 20 W 12 V 10° GU5.3	20 W	12 V	10 °	GU5.3	51.0 mm	2800 K
DECOSTAR 51S 20 W 12 V 36° GU5.3	20 W	12 V	36 °	GU5.3	51.0 mm	3000 K
DECOSTAR 51S 35 W 12 V 10° GU5.3	35 W	12 V	10 °	GU5.3	51.0 mm	2900 K
DECOSTAR 51S 35 W 12 V 36° GU5.3	35 W	12 V	36 °	GU5.3	51.0 mm	2900 K
DECOSTAR 51S 50 W 12 V 24° GU5.3	50 W	12 V	24 °	GU5.3	51.0 mm	3000 K
DECOSTAR 51S 50 W 12 V 10° GU5.3	50 W	12 V	10 °	GU5.3	51.0 mm	3000 K
DECOSTAR 51S 50 W 12 V 60° GU5.3	50 W	12 V	60 °	GU5.3	51.0 mm	3000 K
DECOSTAR 51S 50 W 12 V 36° GU5.3	50 W	12 V	36 °	GU5.3	51.0 mm	2950 K
DECOSTAR 51S 50 W 12 V 36° GU5.3	50 W	12 V	36 °	GU5.3	51.0 mm	3000 K

Product description	Overall length	Burning position	Luminous intensity	Rated wattage	Nominal lamp life time	Rated lamp life time
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DECOSTAR 51S 20 W 12 V 10° GU5.3	45.0 mm	Any	3000 cd	20 W	2000 h	2000 h
DECOSTAR 51S 20 W 12 V 36° GU5.3	46.0 mm	Any	480 cd	20 W	1000 h	1000 h
DECOSTAR 51S 35 W 12 V 10° GU5.3	46.0 mm	Any	6200 cd	35 W	3000 h	3000 h
DECOSTAR 51S 35 W 12 V 36° GU5.3	46.0 mm	Any	1000 cd	35 W	3000 h	3000 h
DECOSTAR 51S 50 W 12 V 24° GU5.3	46.0 mm	Any	2600 cd	50 W	3000 h	3000 h
DECOSTAR 51S 50 W 12 V 10° GU5.3	46.0 mm	Any	9000 cd	50 W	3000 h	3000 h
DECOSTAR 51S 50 W 12 V 60° GU5.3	46.0 mm	Any	800 cd	50 W	3000 h	3000 h
DECOSTAR 51S 50 W 12 V 36° GU5.3	46.0 mm	Any	1450 cd	50 W	1000 h	1000 h
DECOSTAR 51S 50 W 12 V 36° GU5.3	46.0 mm	Any	1450 cd	50 W	1000 h	1000 h

Product description	Color rendering index Ra	Starting time	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content	Power factor λ
DECOSTAR 51S 20 W 12 V 10° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 20 W 12 V 36° GU5.3	100	0.0 s	0.00 s	25000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 35 W 12 V 10° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00

DECOSTAR 51S 35 W 12 V 36° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 50 W 12 V 24° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 50 W 12 V 10° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 50 W 12 V 60° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 50 W 12 V 36° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00
DECOSTAR 51S 50 W 12 V 36° GU5.3	100	0.0 s	0.00 s	50000 ¹⁾	0.0 mg	1.00

Product description	Dimmable	Energy efficiency class	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free
DECOSTAR 51S 20 W 12 V 10° GU5.3	Yes	B	HRGS//UB-20-12-GU5,3- 51/10	0.75	Yes
DECOSTAR 51S 20 W 12 V 36° GU5.3	Yes	B	HRGS//UB-20-12-GU5,3- 51/36	0.75	Yes
DECOSTAR 51S 35 W 12 V 10° GU5.3	Yes	B	HRGS//UB-35-12-GU5,3- 51/10	0.75	Yes
DECOSTAR 51S 35 W 12 V 36° GU5.3	Yes	B	HRGS//UB-35-12-GU5,3- 51/36	0.75	Yes
DECOSTAR 51S 50 W 12 V 24° GU5.3	Yes	B	HRGS//UB-50-12-GU5,3- 51/24	0.75	Yes

DECOSTAR 51S 50 W 12 V 10° GU5.3	Yes	B	HRGS//UB-50-12-GU5,3- 51/10	0.75	Yes
DECOSTAR 51S 50 W 12 V 60° GU5.3	Yes	B	HRGS//UB-50-12-GU5,3- 51/60	0.75	Yes
DECOSTAR 51S 50 W 12 V 36° GU5.3	Yes	B	HRGS//UB-50-12-GU5,3- 51/36	0.75	Yes
DECOSTAR 51S 50 W 12 V 36° GU5.3	Yes	B	HRGS//UB-50-12-GU5,3- 51/36	0.70	Yes

¹⁾ At 1 min on / 3 min off

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.