

DECOSTAR 51 TITAN

Halogen longlife dichroic reflector lamps 51 mm and glass panel



Areas of application

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

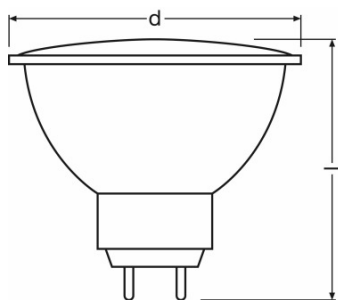
Product benefits

- Brilliant accent light
- Constant bluish appearance of the light escaping at the back of the reflector
- Dichroic reflector reduces the heat in the light beam by up to 66 %
- Constant luminous intensity and constant color location throughout
- Flat clear shield
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

Product features

- Average life: 4,000 h
- Dimmable
- Color rendering index R_a : 100
- Color temperature: 3,000 K

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 TITAN 20 W 12 V 10° GU5.3	20 W	12 V	5000 cd	10 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 20 W 12 V 36° GU5.3	20 W	12 V	780 cd	36 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 20 W 12 V 60° GU5.3	20 W	12 V	350 cd	60 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 35 W 12 V 10° GU5.3	35 W	12 V	9500 cd	10 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 35 W 12 V 24° GU5.3	35 W	12 V	3100 cd	24 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 35 W 12 V 36° GU5.3	35 W	12 V	1500 cd	36 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 35 W 12 V 60° GU5.3	35 W	12 V	700 cd	60 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 50 W 12 V 10° GU5.3	50 W	12 V	12500 cd	10 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 50 W 12 V 24° GU5.3	50 W	12 V	4400 cd	24 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 50 W 12 V 36° GU5.3	50 W	12 V	2200 cd	36 °	GU5.3	51.0 mm
DECOSTAR 51 TITAN 50 W 12 V 60° GU5.3	50 W	12 V	1100 cd	60 °	GU5.3	51.0 mm

Product family datasheet

Product description	Color temperature	Overall length	Burning position	Rated wattage	Nominal lamp life time	Rated lamp life time
DECOSTAR 51 TITAN 20 W 12 V 10° GU5.3	2900 K	45.0 mm	Any	20.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 20 W 12 V 36° GU5.3	3000 K	46.0 mm	Any	20.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 20 W 12 V 60° GU5.3	3000 K	46.0 mm	Any	20.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 35 W 12 V 10° GU5.3	3000 K	46.0 mm	Any	35.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 35 W 12 V 24° GU5.3	3000 K	45.0 mm	Any	35.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 35 W 12 V 36° GU5.3	3000 K	46.0 mm	Any	35.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 35 W 12 V 60° GU5.3	3000 K	46.0 mm	Any	35.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 50 W 12 V 10° GU5.3	3000 K	46.0 mm	Any	50.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 50 W 12 V 24° GU5.3	3000 K	45.0 mm	Any	50.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 50 W 12 V 36° GU5.3	3000 K	46.0 mm	Any	50.00 W	4000 h	4000 h
DECOSTAR 51 TITAN 50 W 12 V 60° GU5.3	3000 K	46.0 mm	Any	50.00 W	4000 h	4000 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 TITAN 20 W 12	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg

Product family datasheet

Product description	Rated luminous flux	Color rendering index Ra	Starting time	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content
V 10° GU5.3						
DECOSTAR 51 TITAN 20 W 12 V 36° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 20 W 12 V 60° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 35 W 12 V 10° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 35 W 12 V 24° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 35 W 12 V 36° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 35 W 12 V 60° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 50 W 12 V 10° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 50 W 12 V 24° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 50 W 12 V 36° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
DECOSTAR 51 TITAN 50 W 12 V 60° GU5.3	N/A lm	100	0.0 s	0.00 s	100000 ¹⁾	0.0 mg
Product description	Power factor λ	Dimmable	Energy efficiency class	ILCOS	Lumen main.fact.at end of nom.life time	Mercury-free
DECOSTAR 51 TITAN 20 W 12 V 10° GU5.3	1.00	Yes	B	HRGS//UB-20-12-GU5.3-51/10	0.75	Yes

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 TITAN 20 W 12 V 36° GU5.3	1.00	Yes	B	HRGS//UB-20-12-GU5.3-51/36	0.75	Yes
DECOSTAR 51 TITAN 20 W 12 V 60° GU5.3	1.00	Yes	B	HRGS//UB-20-12-GU5.3-51/60	0.75	Yes
DECOSTAR 51 TITAN 35 W 12 V 10° GU5.3	1.00	Yes	B	HRGS//UB-35-12-GU5.3-51/10	0.75	Yes
DECOSTAR 51 TITAN 35 W 12 V 24° GU5.3	1.00	Yes	B	HRGS//UB-35-12-GU5.3-51/24	0.75	Yes
DECOSTAR 51 TITAN 35 W 12 V 36° GU5.3	1.00	Yes	B	HRGS//UB-35-12-GU5.3-51/36	0.75	Yes
DECOSTAR 51 TITAN 35 W 12 V 60° GU5.3	1.00	Yes	B	HRGS//UB-35-12-GU5.3-51/60	0.75	Yes
DECOSTAR 51 TITAN 50 W 12 V 10° GU5.3	1.00	Yes	B	HRGS//UB-50-12-GU5.3-51/10	0.75	Yes
DECOSTAR 51 TITAN 50 W 12 V 24° GU5.3	1.00	Yes	B	HRGS//UB-50-12-GU5.3-51/24	0.75	Yes
DECOSTAR 51 TITAN 50 W 12 V 36° GU5.3	1.00	Yes	B	HRGS//UB-50-12-GU5.3-51/36	0.75	Yes
DECOSTAR 51 TITAN 50 W 12 V 60° GU5.3	1.00	Yes	B	HRGS//UB-50-12-GU5.3-51/60	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.