PRODUCT DATASHEET
DECOSTAR 51S 20 W 12 V 36° GU5.3

DECOSTAR® 51S Standard | Halogen dichroic reflector lamps with 51 mm diameter



Areas of application

- 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

Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R_a: 100
- Diameter: 51 mm
- Deco cover

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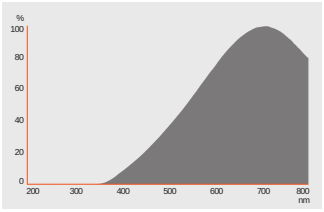
TECHNICAL DATA

Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Power factor λ	1.00

Photometrical data

Luminous intensity	480 cd
Luminous flux	210 lm
Nominal useful luminous flux 90°	210 lm
Luminous efficacy	10 lm/W
Lumen main.fact.at end of nom.life time	0.75
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	100
Light color	1030
Rated peak intensity	480 cd
UV protection	Yes



Light technical data

Beam angle	36 °
Warm-up time (60 %)	0.00 s
Starting time	0.0 s
Rated beam angle (half peak value)	36.00 °

Dimensions & Weight

Overall length	46.00 mm
Diameter	50.7 mm
Maximum diameter	51 mm

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Product weight	32.24 g

Lifespan

Nominal lamp life time	4000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	GU5.3
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Reflector

Capabilities

Dimmable	Yes
Burning position	Any

Certificates & Standards

Energy efficiency class	B
Energy consumption	22.00 kWh/1000h

Country-specific categorizations

ILCOS	HRGS//UB-20-12-GU5.3-51/36
Order reference	44860 WFL

Energy labellling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
Length	46.00 mm
Height	50.7 mm
Width	50.7 mm

DOWNLOAD DATA

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PDF	PRODUCT DATASHEET 335764_Technical datasheet KIT HALO Classic
ZIP	CAD data 3-dim 320754_OSRAM DECOSTAR 51
ZIP	CAD data 3-dim 320755_OSRAM DECOSTAR 51

LOGISTICAL DATA

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300272511	Folding box 1	46 mm x 46 mm x 58 mm	40.23 g	0.12 dm^3
4050300989631	Bundle 10	230 mm x 92 mm x 58 mm	402.33 g	1.23 dm^3
4058075307018	Bundle 2	92 mm x 46 mm x 58 mm	80.00 g	0.25 dm^3
4050300531496	Shipping box 20	202 mm x 124 mm x 147 mm	856.00 g	3.68 dm^3
4050300989648	Shipping box 60	290 mm x 135 mm x 245 mm	2578.00 g	9.59 dm^3
4058075307025	Shipping box 12	282 mm x 55 mm x 126 mm	560.00 g	1.95 dm^3
4058075307032	Shipping box 144	342 mm x 291 mm x 268 mm	6995.00 g	26.67 dm^3

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.

DISCLAIMER

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

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