

PRODUCT DATASHEET

DECOSTAR 51S 50 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

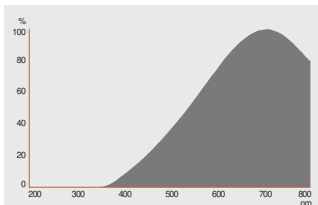
TECHNICAL DATA

Electrical data

Nominal wattage	50 W
Construction wattage	50.00 W
Nominal voltage	12 V
Power factor λ	1.00

Photometrical data

Luminous intensity	1450 cd
Luminous flux	680 lm
Nominal useful luminous flux 90°	680 lm
Luminous efficacy	13 lm/W
Lumen main.fact.at end of nom.life time	0.75
Light color (designation)	Warm White
Color temperature	2950 K
Color rendering index Ra	100
Light color	1029
Rated peak intensity	1450 cd
UV protection	Yes



Light technical data

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

Dimensions & Weight

Overall length	46.00 mm
----------------	----------

Diameter	50.7 mm
Maximum diameter	51 mm
Product weight	31.81 g

Lifespan

Lifespan	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	G
Energy consumption	54.00 kWh/1000h

Country-specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/36
Order reference	44870 WFL

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	OTHER
Non-directional or directional	DLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	GU5.3
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Length	46.00 mm

Height	50.7 mm
Width	50.7 mm
Chromaticity coordinate x	0.444
Chromaticity coordinate y	0.406
Beam angle correspondence	NARROW_CONE_90
EPREL ID	1337642,1498552
Model number	A369422,AC35780

DOWNLOAD DATA

Photometric and lighting design files
<input type="checkbox"/> Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300272795	Folding box 1	46 mm x 46 mm x 58 mm	39.82 g	0.12 dm ³
4050300778358	Folding box 5	234 mm x 48 mm x 58 mm	224.00 g	0.65 dm ³
4058075306899	Bundle 2	92 mm x 46 mm x 58 mm	79.00 g	0.25 dm ³
4050300989655	Bundle 10	230 mm x 92 mm x 58 mm	398.17 g	1.23 dm ³
4050300531571	Shipping box 20	192 mm x 122 mm x 157 mm	856.00 g	3.68 dm ³
4052899253612	Shipping box 10	232 mm x 95 mm x 57 mm	443.00 g	1.26 dm ³
4050300989662	Shipping box 60	290 mm x 135 mm x 245 mm	2578.00 g	9.59 dm ³
4058075306912	Shipping box 144	342 mm x 291 mm x 268 mm	6934.00 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.