

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

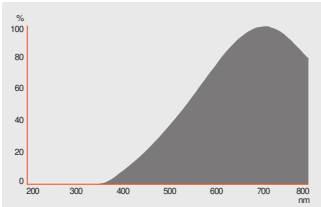
TECHNICAL DATA

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	2800 K
Color rendering index Ra	100
Light color	1028
Rated peak intensity	480 cd
UV protection	Yes



349643_HAL_DICRO_AK

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
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Diameter	50.7 mm
Maximum diameter	51 mm
Product weight	32.24 g

Lifespan

Number of switching cycles	100000
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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	22.00 kWh/1000h

Country-specific categorizations

ILCOS	HRGS//UB-20-12-GU5.3-51/36
Order reference	44860 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	0.452
Chromaticity coordinate y	0.409
Beam angle correspondence	NARROW_CONE_90
EPREL ID	1337644,1498554
Model number	A36944B,AC35778

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.
- Lamp to be used only in a closed luminaire.

DOWNLOAD DATA

Photometric and lighting design files	Document name
 Spectral power distribution	349643_HAL_DICRO_AK

LOGISTICAL DATA

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
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.