

PRODUCT DATASHEET

DECOSTAR 51 ALU 20 W 12 V 36° GU5.3

DECOSTAR® 51 ALU | Halogen alu coated glas reflector lamps with 51 mm diameter



Areas of application

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

Product benefits

- Brilliant accent light
- No light can escape at the back of the reflector
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Aluminum-coated reflector without a shield reduces thermal load in luminaire
- Reduced thermal load: ~60 % compared with aluminum-coated reflectors with shield
- Reduced thermal load: ~80 % compared with dichroic reflectors with shield
- Contains no mercury

Product features

- Average life: 4,000 h
- 100 % dimmable



- Color rendering index R_a : 100
- Diameter: 51 mm

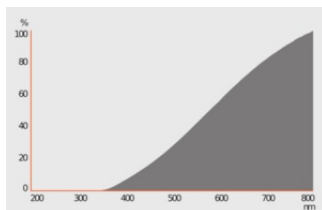
TECHNICAL DATA

Electrical data

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

Photometrical data

Luminous intensity	510 cd
Luminous flux	205 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	510 cd
UV protection	Yes



349642_HAL_NV_UVS

Light technical data

Beam angle	36 °
Warm-up time (60 %)	0.00 s
Starting time	0 s

Dimensions & Weight

Overall length	46.00 mm
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Diameter	50.7 mm
Maximum diameter	51 mm
Product weight	23.9 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	HAGS//UB-20-12-GU5.3-51/36
Order reference	41861 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	1337657
Model number	AB47257

DOWNLOAD DATA

Photometric and lighting design files	Document name
 Spectral power distribution	349642_HAL_NV_UVS

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300428819	Folding box 1	46 mm x 46 mm x 58 mm	31.90 g	0.12 dm ³
4050300531649	Shipping box 20	238 mm x 122 mm x 123 mm	686.00 g	3.57 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.