

PRODUCT DATASHEET

DECOSTAR 51 TITAN 20 W 12 V 60° GU5.3

DECOSTAR® 51 TITAN | Halogen dichroic 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
- 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 the lifetime
- 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
- 100 % dimmable



- Color rendering index R_a : 100
- Color temperature: 3,000 K
- Diameter: 51 mm
- Deco cover

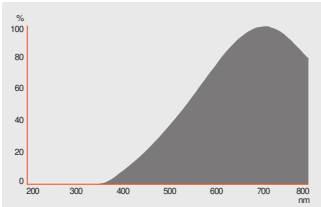
TECHNICAL DATA

Electrical data

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

Photometrical data

Luminous intensity	350 cd
Luminous flux	300 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	15 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	350 cd
UV protection	Yes



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Light technical data

Beam angle	60 °
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	29.95 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-GU5.3-51/60
Order reference	46860 VWFL

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	0.437
Chromaticity coordinate y	0.404
Beam angle correspondence	NARROW_CONE_90
EPREL ID	1337699
Model number	A35039E

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
4050300428673	Folding box 1	58 mm x 46 mm x 46 mm	38.00 g	0.12 dm ³
4050300531816	Shipping box 20	238 mm x 122 mm x 106 mm	836.00 g	3.08 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.