

PRODUCT DATASHEET

DECOSTAR 51 PRO 20 W 12 V 24° GU5.3

DECOSTAR® 51 PRO | Halogen dichroic reflector lamps with 51 mm diameter



Areas of application

- General illumination
- Kitchen lighting
- Dining table lighting
- Mirror lighting
- Workplace lighting
- Shops
- Restaurants, hotels and similar prestigious applications

Product benefits

- Brilliant accent lighting
- Significantly lower CO₂ emissions compared to standard version
- Constant luminous intensity and constant color location throughout the lifetime
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

Product features

- Average life: 5,000 h
- 100 % dimmable
- Color rendering index R_a: 100



- Color temperature: 3,000 K
- Diameter: 51 mm
- Deco cover
- IRC technology

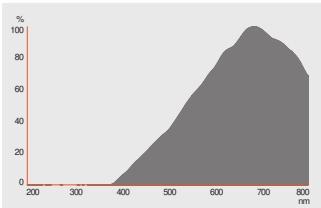
TECHNICAL DATA

Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Power factor λ	1.00

Photometrical data

Luminous intensity	2000 cd
Luminous flux	380 lm
Nominal useful luminous flux 90°	300 lm
Luminous efficacy	19 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	2000 cd
UV protection	Yes



349622_HAL_DICRO_AK_IRC

Light technical data

Beam angle	24 °
Warm-up time (60 %)	0.00 s
Starting time	0.0 s

Dimensions & Weight

Overall length	45.00 mm
Diameter	50.7 mm
Maximum diameter	51 mm
Product weight	31.1 g

Lifespan

Number of switching cycles	125000
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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//UBIB-20-12-GU5.3-51/24
Order reference	48860 ECO FL

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	1337670
Model number	A33016B

DOWNLOAD DATA

Photometric and lighting design files	Document name
 Spectral power distribution	349622_HAL_DICRO_AK_IRC

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300620183	Folding box 1	58 mm x 46 mm x 46 mm	38.00 g	0.12 dm ³
4050300620190	Shipping box 20	238 mm x 119 mm x 106 mm	836.00 g	3.00 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.