

## PRODUCT DATASHEET

### DECOSTAR 51S ST 50 W 12 V 36° GU5.3

DECOSTAR® 51S STAR | 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

#### Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index  $R_a$ : 100
- Base: GU5.3
- Deco cover



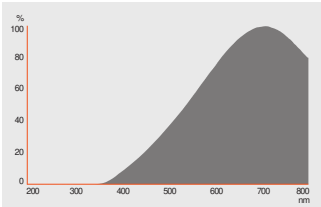
TECHNICAL DATA

Electrical data

Nominal wattage	50 W
Construction wattage	50.00 W
Nominal voltage	12 V
Power factor $\lambda$	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



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	51.0 mm
Maximum diameter	51 mm
Product weight	31.81 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	54.00 kWh/1000h

### Country-specific categorizations

ILCOS	HRGS//UB-50-12-GU5.3-51/36
Order reference	44870 ST 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	51.0 mm

Width	51.0 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

### 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
4008321200440	Blister 2	140 mm x 45 mm x 105 mm	73.97 g	0.66 dm <sup>3</sup>
4008321200457	Shipping box 20	290 mm x 134 mm x 254 mm	896.67 g	9.87 dm <sup>3</sup>

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.