

## PRODUCT DATASHEET

### DECOSTAR 51S ST 20 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



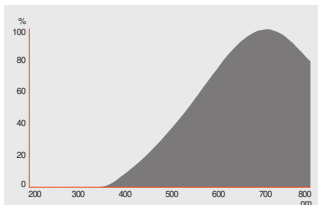
## TECHNICAL DATA

### Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	12 V
Power factor $\lambda$	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



### Light technical data

Beam angle	36 °
Warm-up time (60 %)	0.00 s
Starting time	0.0 s
Rated beam angle (half peak value)	36.00 °

### Dimensions & Weight

Overall length	46.00 mm
Diameter	51.0 mm
Maximum diameter	51 mm
Product weight	32.24 g

### Lifespan

Lifespan	4000 h
Number of switching cycles	100000

### 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 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	0.452
Chromaticity coordinate y	0.409
Beam angle correspondence	NARROW_CONE_90
EPREL ID	1337644
Model number	A36944B

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321200389	Blister 2	140 mm x 37 mm x 99 mm	75.17 g	0.51 dm <sup>3</sup>
4008321200396	Shipping box 20	290 mm x 134 mm x 254 mm	936.00 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.