

# PRODUCT DATASHEET

## DECOSTAR 51 TITAN 35 W 12 V 36° GU5.3

DECOSTAR 51 TITAN | Halogen dichroic reflector lamps with 51 mm diameter



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### AREAS OF APPLICATION

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

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### 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

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### 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 | 35.00 W |
| Nominal voltage | 12 V    |
| Rated wattage   | 35.00 W |
| Power factor λ  | 1.00    |

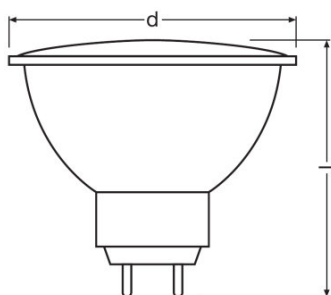
Photometrical data

|   |            |
|---|------------|
| Nominal useful luminous flux 90°        | 550 lm     |
| Luminous intensity                      | 1500 cd    |
| Rated color temperature                 | 3000 K     |
| Light color (designation)               | Warm White |
| Color rendering index Ra                | 100        |
| Lumen main.fact.at end of nom.life time | 0.75       |
| Rated useful luminous flux 90°          | 550 lm     |
| Rated peak intensity                    | 1500 cd    |

Light technical data

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

Dimensions & weight



|                |         |
|----------------|---------|
| Diameter       | 51.0 mm |
| Length         | 46.0 mm |
| Overall length | 46.0 mm |
| Outer bulb     | MR51    |

|                         |         |
|-------------------------|---------|
| <b>Maximum diameter</b> | 51.0 mm |
|-------------------------|---------|

#### Lifespan

|                                   |        |
|-----------------------------------|--------|
| <b>Nominal lamp life time</b>     | 4000 h |
| <b>Rated lamp life time</b>       | 4000 h |
| <b>Number of switching cycles</b> | 100000 |

#### Additional product data

|                                    |        |
|------------------------------------|--------|
| <b>Base (standard designation)</b> | GU5.3  |
| <b>Mercury content</b>             | 0.0 mg |
| <b>Mercury-free</b>                | Yes    |

#### Capabilities

|                         |     |
|-------------------------|-----|
| <b>Burning position</b> | Any |
| <b>Dimmable</b>         | Yes |

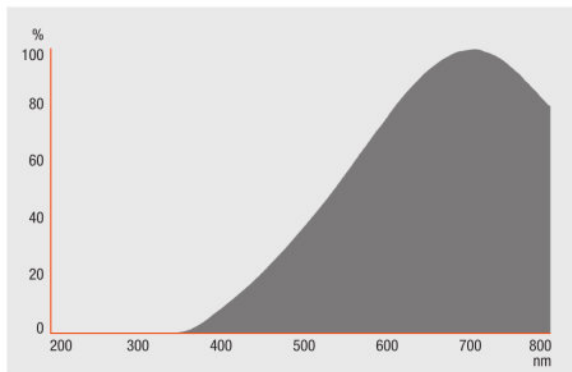
#### Certificates & standards

|                                |              |
|--------------------------------|--------------|
| <b>Energy efficiency class</b> | B            |
| <b>Energy consumption</b>      | 38 kWh/1000h |

#### Country-specific categorizations

|              |                            |
|--------------|----------------------------|
| <b>ILCOS</b> | HRGS//UB-35-12-GU5.3-51/36 |
|--------------|----------------------------|

Light Distribution



Spectral power distribution

LOGISTICAL DATA

| Product code  | Product description                   | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300428710 | DECOSTAR 51 TITAN 35 W 12 V 36° GU5.3 | Shipping carton box 20       | 142 mm x 123 mm x 210 mm             | 3.67 dm <sup>3</sup> | 836.00 g     |

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.