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## DECOSTAR 51 PRO 35 W 12 V 60° GU5.3

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



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### Areas of application

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

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### Product benefits

- Brilliant accent lighting
- Significantly lower CO<sub>2</sub> emissions
- Constant luminous intensity and constant color location throughout their life
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

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### Product features

- Average life: 5,000 h
- Dimmable
- Color rendering index  $R_a$ : 100
- Color temperature: 3,000 K

Technical data

Electrical data

|  |         |
|--|---------|
| Nominal wattage                        | 35.0 W  |
| Nominal voltage                        | 12.0 V  |
| Rated wattage                          | 35.00 W |
| Claimed equiv. conventional lamp power | 50 W    |
| Power factor $\lambda$                 | 1.00    |

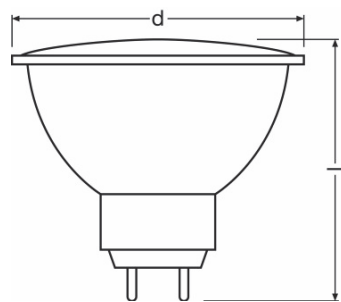
Photometrical data

|                                  |            |
|----------------------------------|------------|
| Nominal useful luminous flux 90° | 620 lm     |
| Luminous intensity               | 1050 cd    |
| Color temperature                | 3000 K     |
| Light color (designation)        | Warm White |
| Color rendering index Ra         | 100        |
| Rated useful luminous flux 90°   | 620 lm     |

Light technical data

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

Dimensions & weight



|                  |         |
|------------------|---------|
| Diameter         | 51.0 mm |
| Length           | 46.0 mm |
| Overall length   | 45.0 mm |
| Outer bulb       | MR51    |
| Maximum diameter | 51.0 mm |

## Product datasheet

### Lifespan

|   |                      |
|---|----------------------|
| Nominal lamp life time                  | 5000 h               |
| Rated lamp life time                    | 5000 h               |
| Number of switching cycles              | 125000 <sup>1)</sup> |
| Lumen main.fact.at end of nom.life time | 0.75                 |

<sup>1)</sup> At 1 min on / 3 min off

### Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | GU5.3  |
| Lamp mercury content        | 0.0 mg |
| Mercury-free                | Yes    |

### Capabilities

|                  |     |
|------------------|-----|
| Burning position | Any |
| Dimmable         | Yes |

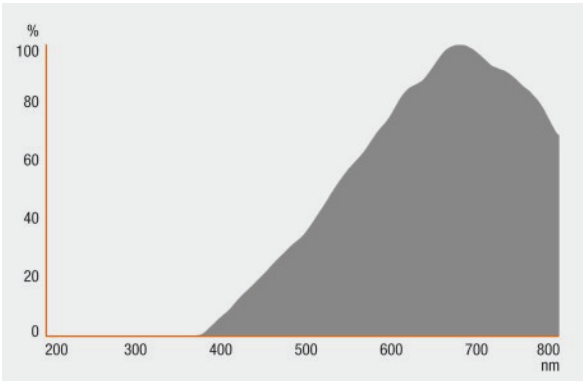
### Certificates & standards

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

### Country specific categorizations

|       |                              |
|-------|------------------------------|
| ILCOS | HRGS//UBIB-35-12-GU5.3-51/60 |
|-------|------------------------------|

Light Distribution



Spectral power distribution

Logistical Data

| Product code  | Product description                    | Packaging unit<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume               | Gross weight |
|---------------|--|---------------------------------|---|----------------------|--------------|
| 4050300516653 | DECOSTAR 51 PRO<br>35 W 12 V 60° GU5.3 | Shipping carton box<br>20       | 238 mm x 124 mm x<br>106 mm             | 3.13 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.

References / Links

For light distribution curves see  
▶ [www.osram.com](http://www.osram.com)

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.