

PRODUCT DATASHEET

DECOSTAR 51 PRO 20 W 12 V 60° 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 | 20.00 W |
| Nominal voltage | 12 V |
| Rated wattage | 20.00 W |
| Power factor λ | 1.00 |
| Claimed equiv. conventional lamp power | 35 W |

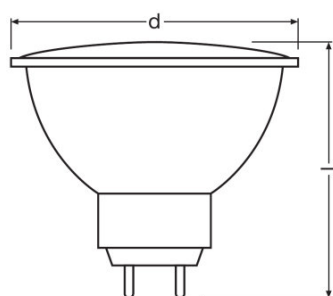
Photometrical data

| | |
|---|------------|
| Nominal useful luminous flux 90° | 300 lm |
| Luminous intensity [PIM] | 450 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 |
| Color temperature | 3000 K |
| Luminous flux | 380 lm |
| Color rendering index Ra | 100 |
| Rated useful luminous flux 90° | 300 lm |
| Rated peak intensity | 450 cd |

Light technical data

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|------------------------------------|---------|
| Beam angle | 60 ° |
| Nominal beam angle | 60 ° |
| Starting time | 0.0 s |
| Warm-up time (60 %) | 0.00 s |
| Rated beam angle (half peak value) | 60.00 ° |

Dimensions & weight



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

Lifespan

| | |
|-----------------------------------|--------|
| Nominal lamp life time | 5000 h |
| Rated lamp life time | 5000 h |
| Number of switching cycles | 125000 |

Additional product data

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

Capabilities

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

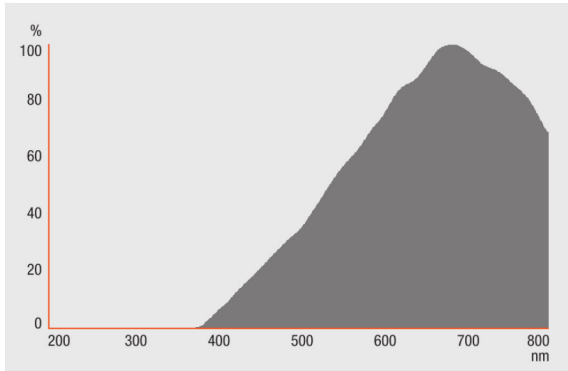
Certificates & standards

| | |
|--------------------------------|--------------|
| Energy consumption | 22 kWh/1000h |
| Energy efficiency class | B |

Country-specific categorizations

| | |
|--------------|------------------------------|
| ILCOS | HRGS//UBIB-20-12-GU5.3-51/60 |
|--------------|------------------------------|

Light Distribution



Spectral power distribution

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300620220 | Folding carton box 1 | 58 mm x 46 mm x 51 mm | 38.00 g | 0.14 dm ³ |
| 4050300620237 | Shipping carton box 20 | 105 mm x 122 mm x 244 mm | 836.00 g | 3.13 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.