

DECOSTAR 51 ECO 50 W 12 V 60° GU5.3

DECOSTAR 51 ECO | 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 ECO accent lighting
- Significantly lower CO₂ emissions
- Constant luminous intensity and constant color location throughout
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Contains no mercury

Product features

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



Product datasheet

Technical data

Electrical data

| | |
|--|--------------|
| Nominal wattage | 50.00 W |
| Nominal voltage | 12 V |
| Rated wattage | 50.00 W |
| Claimed equiv. conventional lamp power | 75 W |
| Power factor λ | 1.00 |
| Energy consumption | 53 kWh/1000h |

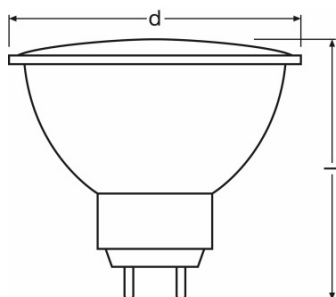
Photometrical data

| | |
|---|------------|
| Nominal useful luminous flux 90° | 870 lm |
| Luminous intensity | 1450 cd |
| Color temperature | 3000 K |
| Light color as per EN 12464-1 | Warm White |
| Color rendering index Ra | 100 |
| Lumen main.fact.at end of nom.life time | 0.75 |
| Rated useful luminous flux 90° | 870 lm |

Light technical data

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

Dimensions & weight



Product line drawing

| | |
|----------|---------|
| Diameter | 51.0 mm |
|----------|---------|

Product datasheet

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

Colors & materials

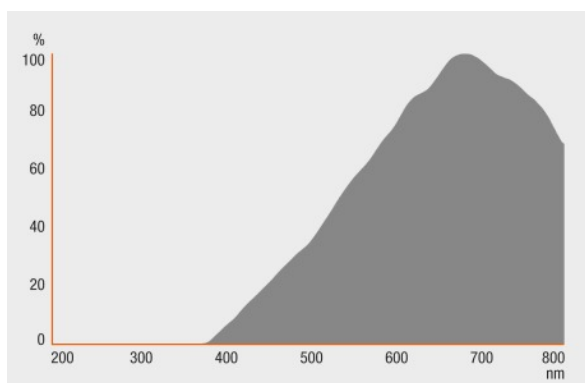
| | |
|-----------------------------|--------|
| Lamp mercury content | 0.0 mg |
| Mercury-free | Yes |

Lifespan

| | |
|-----------------------------------|----------------------|
| Nominal lamp life time | 5000 h |
| Rated lamp life time | 5000 h |
| Number of switching cycles | 125000 ¹⁾ |

¹⁾ At 1 min on / 3 min off

Additional product data



Spectral power distribution

| | |
|------------------------------------|-------|
| Base (standard designation) | GU5.3 |
|------------------------------------|-------|

Capabilities

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

Product datasheet

Certificates & standards

| | |
|-------------------------|---|
| Energy efficiency class | B |
|-------------------------|---|

Country specific categorizations

| | |
|-----------------|------------------------------|
| ILCOS | HRGS//UBIB-50-12-GU5.3-51/60 |
| Order reference | 48870ECOVWFL 50 |

Country specific information

| Product code | METEL code | SEG number | STK number | UK Org |
|---------------|------------------|------------|------------|--------|
| 4050300516738 | OSRH48870VWFLECO | 8326936 | 4739672 | - |

Product datasheet

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (height x width x length) | Volume | Gross weight |
|---------------|--|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300516738 | DECOSTAR 51 ECO 50 W 12 V 60° GU5.3 | Folding carton box 1 | 46 mm x 46 mm x 58 mm | 0.12 dm ³ | 38.00 g |
| 4050300533957 | DECOSTAR 51 ECO 50 W 12 V 60° GU5.3 | Shipping carton box 20 | 109 mm x 126 mm x 238 mm | 3.27 dm ³ | 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

Disclaimer

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