

## PRODUCT DATASHEET

### DECOSTAR 51 PRO 35 W 12 V 36° 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 CO<sub>2</sub> 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<sub>a</sub>: 100



- Color temperature: 3,000 K
- Diameter: 51 mm
- Deco cover
- IRC technology

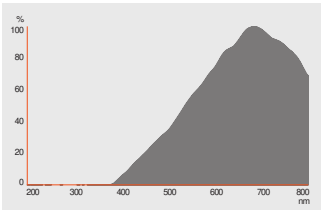
TECHNICAL DATA

Electrical data

|                                        |         |
|----------------------------------------|---------|
| Nominal wattage                        | 35 W    |
| Construction wattage                   | 35.00 W |
| Nominal voltage                        | 12 V    |
| Claimed equiv. conventional lamp power | 50 W    |
| Power factor $\lambda$                 | 1.00    |

Photometrical data

|                                         |            |
|-----------------------------------------|------------|
| Luminous intensity                      | 2200 cd    |
| Luminous flux                           | 620 lm     |
| Nominal useful luminous flux 90°        | 620 lm     |
| Luminous efficacy                       | 17 lm/W    |
| Lumen main.fact.at end of nom.life time | 0.75       |
| Light color (designation)               | Warm White |
| Color temperature                       | 3000 K     |
| Color rendering index Ra                | 100        |
| Light color                             | 1030       |
| Rated peak intensity                    | 2200 cd    |
| UV protection                           | Yes        |



349622\_HAL\_DICRO\_AK\_IRC

Light technical data

|                     |        |
|---------------------|--------|
| Beam angle          | 36 °   |
| Warm-up time (60 %) | 0.00 s |
| Starting time       | 0.0 s  |

Dimensions & Weight

|                  |          |
|------------------|----------|
| Overall length   | 45.00 mm |
| Diameter         | 50.7 mm  |
| Maximum diameter | 51 mm    |
| Product weight   | 32.15 g  |

### Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 125000 |
|----------------------------|--------|

### 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      | 38.00 kWh/1000h |

### Country-specific categorizations

|                 |                              |
|-----------------|------------------------------|
| ILCOS           | HRGS//UBIB-35-12-GU5.3-51/36 |
| Order reference | 48865 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                    | 50.7 mm         |
| Width                     | 50.7 mm         |
| Chromaticity coordinate x | 0.437           |
| Chromaticity coordinate y | 0.404           |
| Beam angle correspondence | NARROW_CONE_90  |
| EPREL ID                  | 1337686         |
| Model number              | A347954,A347954 |

DOWNLOAD DATA

| Photometric and lighting design files                                                                        | Document name           |
|--------------------------------------------------------------------------------------------------------------|-------------------------|
|  Spectral power distribution | 349622_HAL_DICRO_AK_IRC |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300516639 | Folding box<br>1             | 58 mm x 46 mm x 46 mm                | 38.00 g      | 0.12 dm <sup>3</sup> |
| 4050300533902 | Shipping box<br>20           | 238 mm x 122 mm x 106 mm             | 836.00 g     | 3.08 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.