

## PRODUCT DATASHEET

### DECOSTAR 51 TITAN 35 W 12 V 24° GU5.3

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



#### Areas of application

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

#### 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

#### 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

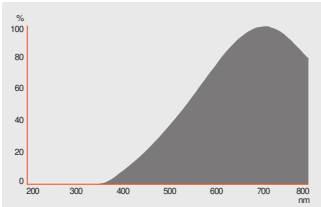
TECHNICAL DATA

Electrical data

|                        |         |
|------------------------|---------|
| Nominal wattage        | 35 W    |
| Construction wattage   | 35.00 W |
| Nominal voltage        | 12 V    |
| Power factor $\lambda$ | 1.00    |

Photometrical data

|                                         |            |
|-----------------------------------------|------------|
| Luminous intensity                      | 3100 cd    |
| Luminous flux                           | 700 lm     |
| Nominal useful luminous flux 90°        | 550 lm     |
| Luminous efficacy                       | 20 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                    | 3100 cd    |
| UV protection                           | Yes        |



349643\_HAL\_DICRO\_AK

Light technical data

|                     |        |
|---------------------|--------|
| Beam angle          | 24 °   |
| 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   | 31.5 g  |

Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

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//UB-35-12-GU5.3-51/24 |
| Order reference | 46865 FL                   |

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                  | 1337700        |
| Model number              | A35040A        |

DOWNLOAD DATA

| Photometric and lighting design files                                                                        | Document name       |
|--------------------------------------------------------------------------------------------------------------|---------------------|
|  Spectral power distribution | 349643_HAL_DICRO_AK |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300476414 | Folding box<br>1             | 58 mm x 46 mm x 46 mm                | 38.00 g      | 0.12 dm <sup>3</sup> |
| 4050300532028 | Shipping box<br>20           | 238 mm x 123 mm x 123 mm             | 836.00 g     | 3.60 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.