

PRODUCT DATASHEET HALOSPOT 111 100 W 12 V 6° G53

HALOSPOT® 111 | Halogen spot lamps with 111 mm aluminum reflector



Areas of application

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

Product benefits

- Brilliant accent light
- Cap for reduced glare and ease of handling
- Burner with axial filament for optimum distribution of light
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Drastically reduced thermal load in luminaire thanks to aluminum-coated reflector
- Contains no mercury

Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index Ra: 100



- Diameter: 111 mm

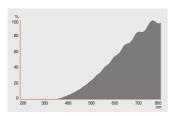
TECHNICAL DATA

Electrical data

| Nominal wattage | 100 W |
|----------------------|----------|
| Construction wattage | 100.00 W |
| Nominal voltage | 12 V |

Photometrical data

| Luminous intensity | 48000 cd |
|---|------------|
| Luminous flux | 1200 lm |
| Nominal useful luminous flux 90° | 1200 lm |
| Luminous efficacy | 12 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 | 48000 cd |
| UV protection | Yes |



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Light technical data

| Beam angle | 6° |
|---------------|-----|
| Starting time | 0 s |

Dimensions & Weight

| Overall length | 60.00 mm |
|------------------|----------|
| Diameter | 111,0 mm |
| Maximum diameter | 111 mm |

| Product weight | 51.67 g | |
|---|--|--|
| Lifespan | | |
| Number of switching cycles | 100000 | |
| Additional product data | | |
| Base (standard designation) | G53 | |
| Mercury-free | Yes | |
| Design / version | Reflector | |
| Product remark | If connectors are used, an additional holder is required at the rim of the reflector / May produce noise in combination with some dimmers. Recommended solution: use OSRAM HTi DALI 150/230-240 DIM with OSRAM DALI MCU | |
| Capabilities | | |
| Dimmable | Yes | |
| Burning position | Any | |
| | | |
| Certificates & Standards | | |
| Energy efficiency class | G | |
| Energy consumption | 108.00 kWh/1000h | |
| Country-specific categorizations | | |
| ILCOS | HMGS//UB-100-12-G53-111/6 | |
| Order reference | 41850 SP ND | |
| 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) | G53 | |
| Connected light source (CLS) | No | |
| Color-tuneable light source | No | |
| Envelope | No | |
| High luminance light source | No | |
| Anti-glare shield | Yes | |
| Correlated colour temperature type | SINGLE_VALUE | |
| Length | 67.00 mm | |
| Height | 111,0 mm | |

| Width | 111,0 mm |
|---------------------------|----------------|
| Chromaticity coordinate x | 0.437 |
| Chromaticity coordinate y | 0.404 |
| Beam angle correspondence | NARROW_CONE_90 |
| EPREL ID | 1337639 |
| Model number | AB48237 |

DOWNLOAD DATA

| Photometric and lighting design files | c and lighting design files Document name | |
|---------------------------------------|---|--|
| Spectral power distribution | 349627_HAL_UVS_ALU | |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300358604 | Folding box | 86 mm x 87 mm x 112 mm | 82.67 g | 0.84 dm ³ |
| 4050300358611 | Shipping box | 275 mm x 130 mm x 185 mm | 625.20 g | 6.61 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.