

PRODUCT DATASHEET

HALOSPOT 111 100 W 12 V 24° 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: 3,000 h
- 100 % dimmable
- Color rendering index R_a : 100
- Diameter: 111 mm

TECHNICAL DATA

Electrical data

| | |
|------------------------|----------|
| Nominal wattage | 100.00 W |
| Nominal voltage | 12 V |
| Rated wattage | 100.00 W |
| Power factor λ | 1.00 |

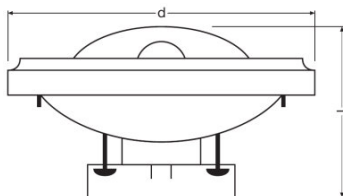
Photometrical data

| | |
|---|------------|
| Nominal useful luminous flux 90° | 1200 lm |
| Luminous intensity | 8500 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 |
| Rated useful luminous flux 90° | 1200 lm |
| Rated peak intensity | 8500 cd |

Light technical data

| | |
|------------------------------------|---------|
| Beam angle | 24 ° |
| Nominal beam angle | 24 ° |
| Starting time | 0.0 s |
| Warm-up time (60 %) | 0.00 s |
| Rated beam angle (half peak value) | 24.00 ° |

Dimensions & weight



| | |
|----------------|----------|
| Diameter | 111.0 mm |
| Length | 67.0 mm |
| Overall length | 61.0 mm |
| Outer bulb | AR111 |

| | |
|-------------------------|----------|
| Maximum diameter | 111.0 mm |
|-------------------------|----------|

Lifespan

| | |
|-----------------------------------|--------|
| Nominal lamp life time | 3000 h |
| Rated lamp life time | 3000 h |
| Number of switching cycles | 100000 |

Additional product data

| | |
|------------------------------------|--|
| Base (standard designation) | G53 |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| 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

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

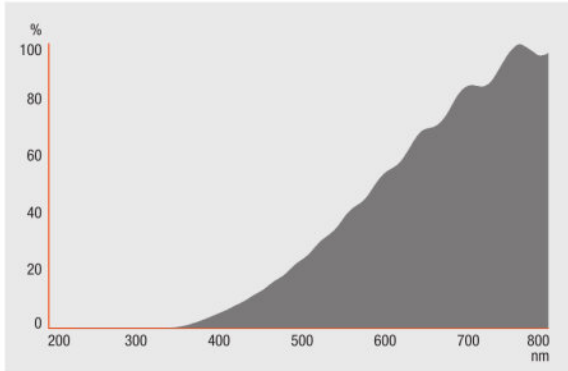
Certificates & standards

| | |
|--------------------------------|---------------|
| Energy efficiency class | C |
| Energy consumption | 108 kWh/1000h |

Country specific categorizations

| | |
|--------------|----------------------------|
| ILCOS | HMG5//UB-100-12-G53-111/24 |
|--------------|----------------------------|

Light Distribution



Spectral power distribution

LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300358628 | HALOSPOT 111 100 W 12 V 24° G53 | Shipping carton box 6 | 275 mm x 130 mm x 185 mm | 6.61 dm ³ | 625.20 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.

DISCLAIMER

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