

## HALOSPOT 111 50 W 12 V 40° 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

## Product datasheet

### Technical data

#### Electrical data

Nominal wattage	50.00 W
Nominal voltage	12.0 V
Rated wattage	50.00 W
Power factor $\lambda$	1.00

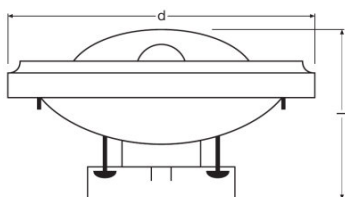
#### Photometrical data

Nominal useful luminous flux 90°	510 lm
Luminous intensity	1400 cd
Color temperature	2950 K
Light color (designation)	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	510 lm
Rated peak intensity	1400 cd

#### Light technical data

Beam angle	40 °
Nominal beam angle	40 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	40.00 °

#### Dimensions & weight



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

## Product datasheet

Maximum diameter	111.0 mm
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### Lifespan

Nominal lamp life time	3000 h
Rated lamp life time	3000 h
Number of switching cycles	75000
Lumen main.fact.at end of nom.life time	0.75

### 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	53 kWh/1000h

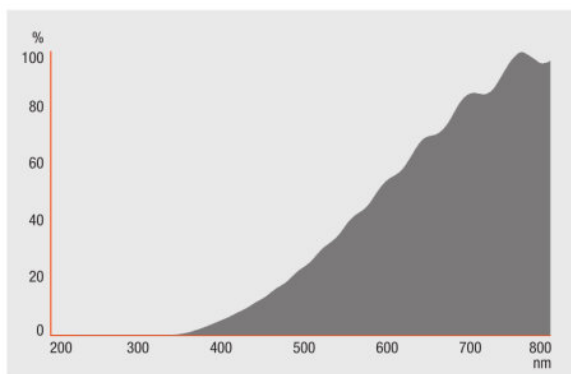
### Country specific categorizations

ILCOS	HMG5//UB-50-12-G53-111/40
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## Product datasheet

### Light Distribution

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Spectral power distribution

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321909213	HALOSPOT 111 50 W 12 V 40° G53	Shipping carton box 6 Pieces Folding carton box	275 mm x 130 mm x 185 mm	6.61 dm <sup>3</sup>	677.40 g
4058075011953	HALOSPOT 111 50 W 12 V 40° G53	Shipping carton box 6 Pieces Folding carton box	275 mm x 185 mm x 130 mm	6.61 dm <sup>3</sup>	606.00 g

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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.

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### References / Links

For light distribution curves see

▶ [www.osram.com](http://www.osram.com)

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### Disclaimer

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