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## HALOSPOT 111 PRO 35 W 12 V 24° G53

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



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### Areas of application

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

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### Product benefits

- Brilliant accent lighting
- Significantly lower CO<sub>2</sub> emissions
- Cap for reduced glare and ease of handling
- New high-tech reflector for optimum illumination and reduced scatter
- 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

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### Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R<sub>a</sub>: 100
- Diameter: 111 mm

# Product datasheet

## Technical data

### Electrical data

Nominal wattage	35.0 W
Nominal voltage	12.0 V
Rated wattage	35.00 W
Claimed equiv. conventional lamp power	50 W
Power factor $\lambda$	1.00

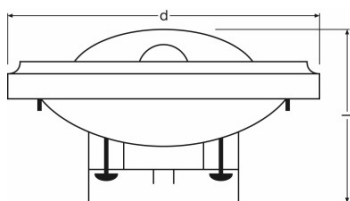
### Photometrical data

Nominal useful luminous flux 90°	440 lm
Luminous intensity	4200 cd
Color temperature	2900 K
Light color (designation)	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	440 lm

### Light technical data

Beam angle	24 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

### Dimensions & weight



Diameter	111.0 mm
Length	67.0 mm
Overall length	58.0 mm
Outer bulb	E12
Maximum diameter	111.0 mm

## Product datasheet

### Lifespan

Nominal lamp life time	4000 h
Rated lamp life time	4000 h
Number of switching cycles	100000 <sup>1)</sup>
Lumen main.fact.at end of nom.life time	0.75

<sup>1)</sup> At 1 min on / 3 min off

### Additional product data

Base (standard designation)	G53
Lamp 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	B
Energy consumption	38 kWh/1000h

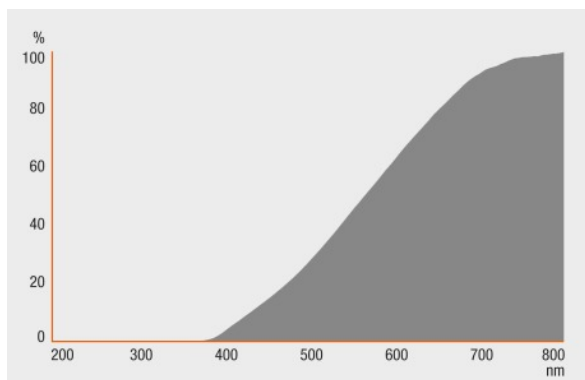
### Country specific categorizations

ILCOS	HMG5//UBIB-35-12-G53-111/24
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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
4050300656847	HALOSPOT 111 PRO 35 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm <sup>3</sup>	663.00 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.