

# PRODUCT DATASHEET

## HALOSPOT 111 PRO 50 W 12 V 6° 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 compared to standard version
- 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
- IRC technology

**TECHNICAL DATA**

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Power factor λ	1.00
Claimed equiv. conventional lamp power	75 W

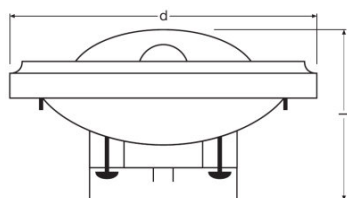
Photometrical data

Nominal useful luminous flux 90°	650 lm
Luminous intensity	33000 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°	650 lm
Rated peak intensity	33000 cd

Light technical data

Beam angle	6.00 °
Nominal beam angle	6.00 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s
Rated beam angle (half peak value)	6.00 °

Dimensions & weight



Diameter	111.0 mm
Length	67.0 mm
Overall length	57.0 mm

<b>Outer bulb</b>	E12
<b>Maximum diameter</b>	111.0 mm

### Lifespan

<b>Nominal lamp life time</b>	4000 h
<b>Rated lamp life time</b>	4000 h
<b>Number of switching cycles</b>	100000

### Additional product data

<b>Base (standard designation)</b>	G53
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Product remark</b>	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

<b>Burning position</b>	Any
<b>Dimmable</b>	Yes

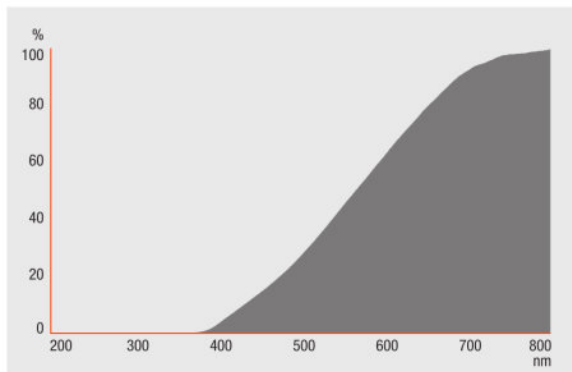
### Certificates & standards

<b>Energy efficiency class</b>	B
<b>Energy consumption</b>	54 kWh/1000h

### Country-specific categorizations

<b>ILCOS</b>	HMGS//UBIB-50-12-G53-111/6
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300656861	HALOSPOT 111 PRO 50 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm <sup>3</sup>	657.00 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.