

# PRODUCT DATASHEET

## HALOSPOT 111 PRO 35 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	35.00 W
Nominal voltage	12 V
Rated wattage	35.00 W
Power factor $\lambda$	1.00
Claimed equiv. conventional lamp power	50 W

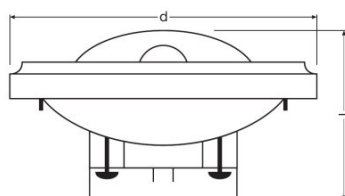
### Photometrical data

Nominal useful luminous flux 90°	440 lm
Luminous intensity [PIM]	22500 cd
Rated color temperature	2900 K
Light color (designation)	Warm White
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.75
Color temperature	2900 K
Luminous flux	440 lm
Color rendering index Ra	100
Rated useful luminous flux 90°	440 lm
Rated peak intensity	22500 cd

### Light technical data

Beam angle	6 °
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



<b>Diameter</b>	111.0 mm
<b>Length</b>	67.0 mm
<b>Overall length</b>	67.0 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

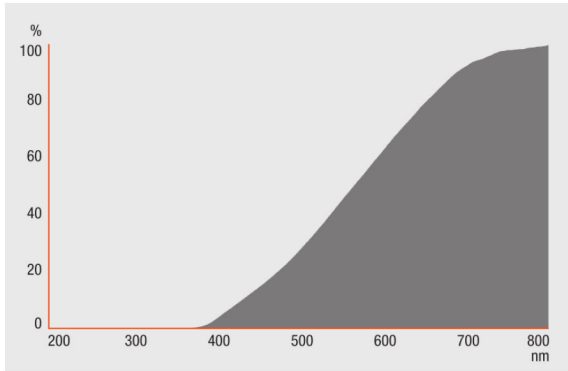
### Certificates & standards

<b>Energy consumption</b>	38 kWh/1000h
<b>Energy efficiency class</b>	B

### Country-specific categorizations

<b>ILCOS</b>	HMGS//UBIB-35-12-G53-111/6
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300656823	Folding carton box 1	112 mm x 86 mm x 87 mm	88.00 g	0.84 dm <sup>3</sup>
4050300656830	Shipping carton box 6	275 mm x 130 mm x 185 mm	657.00 g	6.61 dm <sup>3</sup>

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.