

# PRODUCT DATASHEET

## HALOSPOT 111 PRO 60 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 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

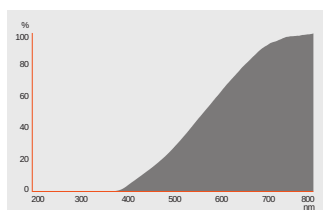
## TECHNICAL DATA

### Electrical data

Nominal wattage	60 W
Construction wattage	60.00 W
Nominal voltage	12.00 V
Claimed equiv. conventional lamp power	90 W
Nominal current	5.41 A A
Power factor $\lambda$	1.00

### Photometrical data

Luminous intensity	7000 cd
Luminous flux	870 lm
Nominal useful luminous flux 90°	870 lm
Luminous efficacy	14 lm/W
Lumen main.fact.at end of nom.life time	0.75
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	100
Light color	1030
Rated peak intensity	7000 cd
UV protection	Yes



### Light technical data

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

### Dimensions & Weight

Overall length	56.00 mm
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Diameter	111,0 mm
Maximum diameter	111 mm
Product weight	53.4 g

### Lifespan

Nominal lamp life time	4000 h
Number of switching cycles	100000

### Additional product data

Base (standard designation)	G53
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Reflector
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

Dimmable	Yes
Burning position	Any

### Certificates & Standards

Energy efficiency class	B
Energy consumption	65.00 kWh/1000h


### Country-specific categorizations

ILCOS	HMGS//UBIB-60-12-G53-111/24
Order reference	48837 ECO FL

### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G53
Length	67.00 mm
Height	111,0 mm
Width	111,0 mm

### DOWNLOAD DATA

DOWNLOAD DATA	
	CAD data 3-dim 320836_HALOSPOT 111

## DOWNLOAD DATA



CAD data 3-dim  
320835\_HALOSPOT 111

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300786094	Folding box 1	112 mm x 86 mm x 87 mm	91.30 g	0.84 dm <sup>3</sup>
4050300786100	Shipping box 6	275 mm x 130 mm x 185 mm	676.80 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.