
HALOSPOT 111 100 W 12 V 45° 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	100 W
Nominal voltage	12.0 V
Rated wattage	100.00 W
Power factor λ	1.00

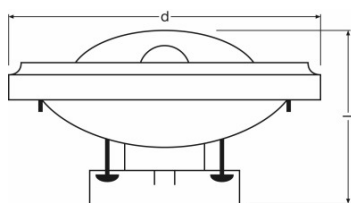
Photometrical data

Nominal useful luminous flux 90°	1200 lm
Luminous intensity	2800 cd
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	100
Rated useful luminous flux 90°	1200 lm

Light technical data

Beam angle	40 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

Dimensions & weight



Diameter	111.0 mm
Length	67.0 mm
Overall length	60.0 mm
Outer bulb	AR111
Maximum diameter	111.0 mm

Lifespan

Product datasheet

Nominal lamp life time	3000 h
Rated lamp life time	3000 h
Number of switching cycles	75000 ¹⁾
Lumen main.fact.at end of nom.life time	0.75

¹⁾ 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	C
Energy consumption	106 kWh/1000h

Country specific categorizations

ILCOS	HMGS//UB-100-12-G53-111/40
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Product datasheet

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300358642	HALOSPOT 111 100 W 12 V 45° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 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.

References / Links

For light distribution curves see

▶ www.osram.com

Disclaimer

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