

PRODUCT DATASHEET

HALOSPOT 111 100 W 12 V 24° 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

TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Nominal voltage	12 V
Rated wattage	100.00 W
Power factor λ	1.00

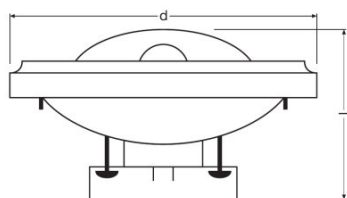
Photometrical data

Nominal useful luminous flux 90°	1200 lm
Luminous intensity [PIM]	8500 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
Color temperature	3000 K
Luminous flux	1200 lm
Color rendering index Ra	100
Rated useful luminous flux 90°	1200 lm
Rated peak intensity	8500 cd

Light technical data

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

Dimensions & weight



Diameter	111.0 mm
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Length	67.0 mm
Overall length	61.0 mm
Outer bulb	AR111
Maximum diameter	111.0 mm

Lifespan

Nominal lamp life time	3000 h
Rated lamp life time	3000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	G53
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

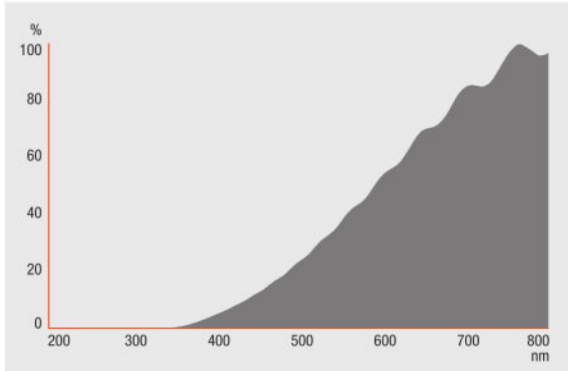
Certificates & standards

Energy efficiency class	C
Energy consumption	108 kWh/1000h
Energy efficiency class	C

Country-specific categorizations

ILCOS	HMGs//UB-100-12-G53-111/24
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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
4050300358628	HALOSPOT 111 100 W 12 V 24° 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.

DISCLAIMER

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