

HALOSPOT 111 ECO 50 W 12 V 24° G53

HALOSPOT 111 ECO | Halogen spot lamps with 111 mm aluminum reflector



Areas of application

- General illumination
- Entrance lighting
- Shops
- Restaurants, hotels and similar prestigious applications
- Offices, public buildings

Product benefits

- Brilliant ECO accent lighting
- Significantly lower CO₂ emissions
- 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 fixture thanks to aluminum-coated reflector
- Contains no mercury

Product features

- Average life: 4,000 h
- 100 % dimmable
- Color rendering index R_a : 100
- Diameter: 111 mm



Product datasheet

Technical data

Electrical data

Nominal wattage	50.00 W
Nominal voltage	12 V
Rated wattage	50.00 W
Claimed equiv. conventional lamp power	75 W
Power factor λ	1.00
Energy consumption	53 kWh/1000h

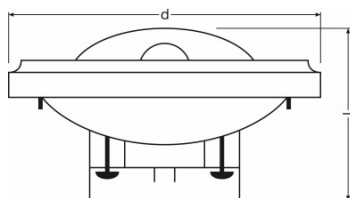
Photometrical data

Nominal useful luminous flux 90°	650 lm
Luminous intensity	5500 cd
Color temperature	3000 K
Light color as per EN 12464-1	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

Light technical data

Beam angle	24 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

Dimensions & weight



Product line drawing

Diameter	111.0 mm
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Product datasheet

Length	67.0 mm
Overall length	58.0 mm
Outer bulb	E12
Maximum diameter	111.0 mm

Colors & materials

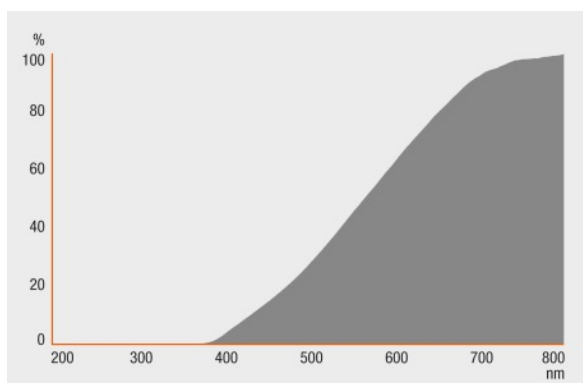
Lamp mercury content	0.0 mg
Mercury-free	Yes

Lifespan

Nominal lamp life time	3000 h
Rated lamp life time	3000 h
Number of switching cycles	75000 ¹⁾

¹⁾ At 1 min on / 3 min off

Additional product data



Spectral power distribution

Base (standard designation)	G53
Footnote only for product	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

Product datasheet

Capabilities

Burning position	Any
Dimmable	Yes

Certificates & standards

Energy efficiency class	B
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Country specific categorizations

ILCOS	HMGS//UBIB-50-12-G53-111/24
Order reference	48835 ECO FL 50

Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300656885	OSRH48835FLECO	8326796	4739851	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300656885	HALOSPOT 111 ECO 50 W 12 V 24° G53	Folding carton box 1	87 mm x 86 mm x 112 mm	0.84 dm ³	89.00 g
4050300656892	HALOSPOT 111 ECO 50 W 12 V 24° G53	Shipping carton box 6	185 mm x 130 mm x 275 mm	6.61 dm ³	663.00 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.

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.