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: 4,000 h
– 100 % dimmable
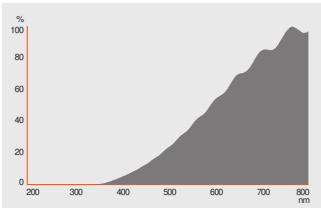– Color rendering index R_a: 100

– Diameter: 111 mm

TECHNICAL DATA

Electrical data

Nominal wattage	100 W
Construction wattage	100.00 W
Nominal voltage	12 V

Photometrical data

Luminous intensity	8500 cd
Luminous flux	1200 lm
Nominal useful luminous flux 90°	1200 lm
Luminous efficacy	12 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	8500 cd
UV protection	Yes

349627_HAL_UVS_ALU

Light technical data

Beam angle	24 °
Starting time	0 s

Dimensions & Weight

Overall length	61.00 mm
Diameter	111,0 mm
Maximum diameter	111 mm

Product weight	51.67 g

Lifespan

Number of switching cycles	100000

Additional product data

Base (standard designation)	G53
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	G
Energy consumption	108.00 kWh/1000h

Country-specific categorizations

ILCOS	HMGS//UB-100-12-G53-111/24
Order reference	41850 FL ND

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	OTHER
Non-directional or directional	DLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G53
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	Yes
Correlated colour temperature type	SINGLE_VALUE
Length	67.00 mm
Height	111,0 mm

Width	111,0 mm
Chromaticity coordinate x	0.437
Chromaticity coordinate y	0.404
Beam angle correspondence	NARROW_CONE_90
EPREL ID	1337641
Model number	AB48239

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	Spectral power distribution	349627_HAL_UVS_ALU

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300358628	Folding box 1	86 mm x 87 mm x 112 mm	82.67 g	0.84 dm³
4050300358635	Shipping box 6	275 mm x 130 mm x 185 mm	625.20 g	6.61 dm³

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.