

# 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 Ra: 100



- Diameter: 111 mm

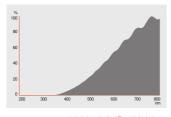
## TECHNICAL DATA

## Electrical data

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

## Photometrical data

Luminous intensity8500 cdLuminous flux1200 lmNominal useful luminous flux 90°1200 lmLuminous efficacy12 lm/WLumen main.fact.at end of nom.life time0.75Light color (designation)Warm WhiteColor temperature3000 KColor rendering index Ra100Light color1030Rated peak intensity8500 cdUV protectionYes		
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	Luminous intensity	8500 cd
Luminous efficacy  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  Rated peak intensity  12 lm/W  0.75  Warm White  3000 K  1030	Luminous flux	1200 lm
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	Nominal useful luminous flux 90°	1200 lm
Light color (designation)  Color temperature  3000 K  Color rendering index Ra  100  Light color  1030  Rated peak intensity  Warm White  3000 K  1000  8500 cd	Luminous efficacy	12 lm/W
Color temperature 3000 K  Color rendering index Ra 100  Light color 1030  Rated peak intensity 8500 cd	Lumen main.fact.at end of nom.life time	0.75
Color rendering index Ra 100  Light color 1030  Rated peak intensity 8500 cd	Light color (designation)	Warm White
Light color 1030  Rated peak intensity 8500 cd	Color temperature	3000 K
Rated peak intensity 8500 cd	Color rendering index Ra	100
	Light color	1030
UV protection Yes	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	
	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	86 mm x 87 mm x 112 mm	82.67 g	0.84 dm <sup>3</sup>
4050300358635	Shipping box 6	275 mm x 130 mm x 185 mm	625.20 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.