
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 family datasheet

Technical data

Product description	Electrical data				Photometrical data		Light technical data			Dimensions & weight	
	Nominal wattage	Nominal voltage	Rated wattage	Power factor λ	Color temperature	Color rendering index Ra	Beam angle	Starting time	Warm-up time (60 %)	Diameter	Overall length
HALOSPOT 111 35 W 6 V 4° G53 ¹⁾	35.0 W	6 V	35.00 W	1.00	3000 K	100	4 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 35 W 12 V 4° G53 ¹⁾	35.0 W	12.0 V	35.00 W	1.00	3000 K	100	4 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 35 W 12 V 24° G53 ¹⁾	35.0 W	12.0 V	35.00 W	1.00	2800 K	100	24 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 50 W 12 V 4° G53 ¹⁾	50.0 W	12.0 V	50.00 W	1.00	2900 K	100	4 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 50 W 12 V 6° G53 ¹⁾	50.0 W	12.0 V	50.00 W	1.00	3000 K	100	6 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 50 W 12 V 24° G53 ¹⁾	50.0 W	12.0 V	50.00 W	1.00	2900 K	100	24 °	0.0 s	0.00 s	111.0 mm	61.0 mm
HALOSPOT 111 50 W 12 V 45° G53 ¹⁾	50.0 W	12.0 V	50.00 W	1.00	2900 K	100	40 °	0.0 s	0.00 s	111.0 mm	61.0 mm
HALOSPOT 111 75 W 12 V 6° G53 ¹⁾	75.0 W	12.0 V	75.00 W	1.00	3000 K	100	6 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 75 W 12 V 24° G53 ¹⁾	75.0 W	12.0 V	75.00 W	1.00	3000 K	100	24 °	0.0 s	0.00 s	111.0 mm	61.0 mm
HALOSPOT 111 75 W 12 V 45° G53 ¹⁾	75.0 W	12.0 V	75.00 W	1.00	3000 K	100	40 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 100 W 12 V 6° G53 ¹⁾	100 W	12.0 V	100.00 W	1.00	3000 K	100	6 °	0.0 s	0.00 s	111.0 mm	60.0 mm
HALOSPOT 111 100 W 12 V 24° G53 ¹⁾	100 W	12.0 V	100.00 W	1.00	3000 K	100	24 °	0.0 s	0.00 s	111.0 mm	61.0 mm
HALOSPOT 111 100 W 12 V 45° G53 ¹⁾	100 W	12.0 V	100.00 W	1.00	3000 K	100	40 °	0.0 s	0.00 s	111.0 mm	60.0 mm

Product description	Lifespan				Additional product data			Capabilities	
	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free	Burning position	Dimmable
HALOSPOT 111 35 W 6 V 4° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 35 W 12 V 4° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 35 W 12 V 24° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 50 W 12 V 4° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 50 W 12 V 6° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes

Product family datasheet

Product description	Lifespan				Additional product data			Capabilities	
	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free	Burning position	Dimmable
HALOSPOT 111 50 W 12 V 24° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 50 W 12 V 45° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 75 W 12 V 6° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 75 W 12 V 24° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 75 W 12 V 45° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 100 W 12 V 6° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 100 W 12 V 24° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes
HALOSPOT 111 100 W 12 V 45° G53 ¹⁾	3000 h	3000 h	75000 ²⁾	0.75	G53	0.0 mg	Yes	Any	Yes

Product description	Certificates & standards		Country specific categorizations
	Energy efficiency class	Energy consumption	ILCOS
HALOSPOT 111 35 W 6 V 4° G53 ¹⁾	C	38 kWh/1000h	HMGS//UB-35-6-G53-111/4
HALOSPOT 111 35 W 12 V 4° G53 ¹⁾	B	38 kWh/1000h	HMGS//UB-35-12-G53-111/4
HALOSPOT 111 35 W 12 V 24° G53 ¹⁾	C	38 kWh/1000h	HMGS//UB-35-12-G53-111/24
HALOSPOT 111 50 W 12 V 4° G53 ¹⁾	B	53 kWh/1000h	HMGS//UB-50-12-G53-111/4
HALOSPOT 111 50 W 12 V 6° G53 ¹⁾	B	53 kWh/1000h	HMGS//UB-50-12-G53-111/6
HALOSPOT 111 50 W 12 V 24° G53 ¹⁾	C	53 kWh/1000h	HMGS//UB-50-12-G53-111/24
HALOSPOT 111 50 W 12 V 45° G53 ¹⁾	C	53 kWh/1000h	HMGS//UB-50-12-G53-111/40
HALOSPOT 111 75 W 12 V 6° G53 ¹⁾	B	80 kWh/1000h	HMGS//UB-75-12-G53-111/6
HALOSPOT 111 75 W 12 V 24° G53 ¹⁾	B	80 kWh/1000h	HMGS//UB-75-12-G53-111/24
HALOSPOT 111 75 W 12 V 45° G53 ¹⁾	B	80 kWh/1000h	HMGS//UB-75-12-G53-111/40
HALOSPOT 111 100 W 12 V 6° G53 ¹⁾	B	106 kWh/1000h	HMGS//UB-100-12-G53-111/6

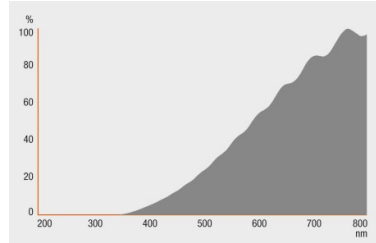
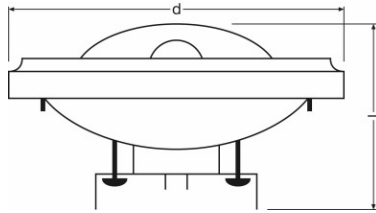
Product family datasheet

Product description	Certificates & standards		Country specific categorizations
	Energy efficiency class	Energy consumption	ILCOS
HALOSPOT 111 100 W 12 V 24° G53 1)	B	106 kWh/1000h	HMGS//UB-100-12-G53-111/24
HALOSPOT 111 100 W 12 V 45° G53 1)	C	106 kWh/1000h	HMGS//UB-100-12-G53-111/40

1) 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

2) At 1 min on / 3 min off

Product family datasheet



HALOSPOT 111 35 W 6 V 4° G53,
HALOSPOT 111 35 W 12 V 4° G53,
HALOSPOT 111 35 W 12 V 24° G53,
HALOSPOT 111 50 W 12 V 4° G53,
HALOSPOT 111 50 W 12 V 6° G53,
HALOSPOT 111 50 W 12 V 24° G53,
HALOSPOT 111 50 W 12 V 45° G53,
HALOSPOT 111 75 W 12 V 6° G53,
HALOSPOT 111 75 W 12 V 24° G53,
HALOSPOT 111 75 W 12 V 45° G53,
HALOSPOT 111 100 W 12 V 6° G53,
HALOSPOT 111 100 W 12 V 24° G53,
HALOSPOT 111 100 W 12 V 45° G53

HALOSPOT 111 35 W 6 V 4° G53,
HALOSPOT 111 35 W 12 V 4° G53,
HALOSPOT 111 35 W 12 V 24° G53,
HALOSPOT 111 50 W 12 V 4° G53,
HALOSPOT 111 50 W 12 V 6° G53,
HALOSPOT 111 50 W 12 V 24° G53,
HALOSPOT 111 50 W 12 V 45° G53,
HALOSPOT 111 75 W 12 V 6° G53,
HALOSPOT 111 75 W 12 V 24° G53,
HALOSPOT 111 75 W 12 V 45° G53,
HALOSPOT 111 100 W 12 V 6° G53,
HALOSPOT 111 100 W 12 V 24° G53,
HALOSPOT 111 100 W 12 V 45° G53

Application advice

For more detailed application information and graphics please see product datasheet.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300011141	HALOSPOT 111 35 W 6 V 4° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300335728	HALOSPOT 111 35 W 12 V 4° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300335766	HALOSPOT 111 35 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300011165	HALOSPOT 111 50 W 12 V 4° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300011752	HALOSPOT 111 50 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300011769	HALOSPOT 111 50 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	615.90 g
4008321909213	HALOSPOT 111 50 W 12 V 45° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	677.40 g
4050300011776	HALOSPOT 111 75 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300011783	HALOSPOT 111 75 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300011790	HALOSPOT 111 75 W 12 V 45° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
4050300358604	HALOSPOT 111 100 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	625.20 g
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
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

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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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.