
HALOSPOT 111 PRO

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 accent lighting
- Significantly lower CO₂ emissions compared to standard version
- 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 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

Product family datasheet

Technical data

Product description	Electrical data					Photometrical data		Light technical data		
	Nominal wattage	Nominal voltage	Rated wattage	Claimed equiv. conventional lamp power	Power factor λ	Color temperature	Color rendering index Ra	Beam angle	Starting time	Warm-up time (60 %)
HALOSPOT 111 PRO 35 W 12 V 6° G53 ¹⁾	35.0 W	12.0 V	35.00 W	50 W		2900 K	100	6 °	0.0 s	0.00 s
HALOSPOT 111 PRO 35 W 12 V 24° G53 ¹⁾	35.0 W	12.0 V	35.00 W	50 W	1.00	2900 K	100	24 °	0.0 s	0.00 s
HALOSPOT 111 PRO 50 W 12 V 6° G53 ¹⁾	50.0 W	12.0 V	50.00 W	75 W		3000 K	100	6 °	0.0 s	0.00 s
HALOSPOT 111 PRO 50 W 12 V 24° G53 ¹⁾	50.0 W	12.0 V	50.00 W	75 W		3000 K	100	24 °	0.0 s	0.00 s
HALOSPOT 111 PRO 50 W 12 V 40° G53 ¹⁾	50.0 W	12.0 V	50.00 W	75 W	1.00	3000 K	100	40 °	0.0 s	0.00 s
HALOSPOT 111 PRO 60 W 12 V 6° G53 ¹⁾	60.0 W	12.0 V	60.00 W	90 W	1.00	3000 K	100	6 °	0.0 s	0.00 s
HALOSPOT 111 PRO 60 W 12 V 24° G53 ¹⁾	60.0 W	12.0 V	60.00 W	90 W	1.00	3000 K	100	24 °	0.0 s	0.00 s
HALOSPOT 111 PRO 60 W 12 V 40° G53 ¹⁾	60.0 W	12.0 V	60.00 W	90 W	1.00	3000 K	100	40 °	0.0 s	0.00 s

Product description	Dimensions & weight		Lifespan				Additional product data			Capabilities
	Diameter	Overall length	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
HALOSPOT 111 PRO 35 W 12 V 6° G53 ¹⁾	111.0 mm	57.0 mm	4000 h	3000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any
HALOSPOT 111 PRO 35 W 12 V 24° G53 ¹⁾	111.0 mm	58.0 mm	4000 h	4000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any

Product family datasheet

Product description	Dimensions & weight		Lifespan				Additional product data			Capabilities
	Diameter	Overall length	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
HALOSPOT 111 PRO 50 W 12 V 6° G53 ¹⁾	111.0 mm	57.0 mm	4000 h	3000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any
HALOSPOT 111 PRO 50 W 12 V 24° G53 ¹⁾	111.0 mm	58.0 mm	4000 h	3000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any
HALOSPOT 111 PRO 50 W 12 V 40° G53 ¹⁾	111.0 mm	58.0 mm	4000 h	4000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any
HALOSPOT 111 PRO 60 W 12 V 6° G53 ¹⁾	111.0 mm	57.0 mm	4000 h	4000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any
HALOSPOT 111 PRO 60 W 12 V 24° G53 ¹⁾	111.0 mm	56.0 mm	4000 h	4000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any
HALOSPOT 111 PRO 60 W 12 V 40° G53 ¹⁾	111.0 mm	56.0 mm	4000 h	4000 h	100000 ²⁾	0.75	G53	0.0 mg	Yes	Any

Product description	Dimmable	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
HALOSPOT 111 PRO 35 W 12 V 6° G53 ¹⁾	Yes	B	38 kWh/1000h	HMGS//UBIB-35-12-G53-111/6
HALOSPOT 111 PRO 35 W 12 V 24° G53 ¹⁾	Yes	B	38 kWh/1000h	HMGS//UBIB-35-12-G53-111/24
HALOSPOT 111 PRO 50 W 12 V 6° G53 ¹⁾	Yes	B	53 kWh/1000h	HMGS//UBIB-50-12-G53-111/6
HALOSPOT 111 PRO 50 W 12 V 24° G53 ¹⁾	Yes	B	53 kWh/1000h	HMGS//UBIB-50-12-G53-111/24
HALOSPOT 111 PRO 50 W 12 V 40° G53 ¹⁾	Yes	B	53 kWh/1000h	HMGS//UBIB-50-12-G53-111/40

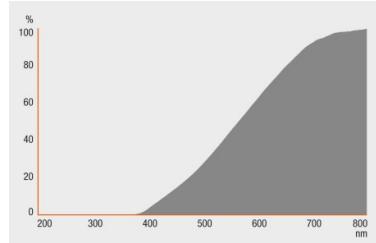
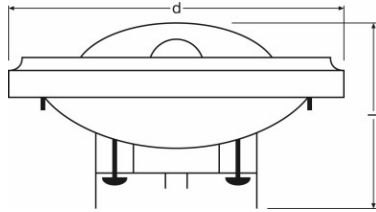
Product family datasheet

Product description	Dimmable	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
HALOSPOT 111 PRO 60 W 12 V 6° G53 ¹⁾	Yes	B	64 kWh/1000h	HMGS//UBIB-60-12-G53-111/6
HALOSPOT 111 PRO 60 W 12 V 24° G53 ¹⁾	Yes	B	64 kWh/1000h	HMGS//UBIB-60-12-G53-111/24
HALOSPOT 111 PRO 60 W 12 V 40° G53 ¹⁾	Yes	B	64 kWh/1000h	HMGS//UBIB-60-12-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 PRO 35 W 12 V 6° G53, HALOSPOT 111 PRO 35 W 12 V 24° G53, HALOSPOT 111 PRO 50 W 12 V 6° G53, HALOSPOT 111 PRO 50 W 12 V 24° G53, HALOSPOT 111 PRO 50 W 12 V 40° G53, HALOSPOT 111 PRO 60 W 12 V 6° G53, HALOSPOT 111 PRO 60 W 12 V 24° G53, HALOSPOT 111 PRO 60 W 12 V 40° G53

HALOSPOT 111 PRO 35 W 12 V 6° G53, HALOSPOT 111 PRO 35 W 12 V 24° G53, HALOSPOT 111 PRO 50 W 12 V 6° G53, HALOSPOT 111 PRO 50 W 12 V 24° G53, HALOSPOT 111 PRO 50 W 12 V 40° G53, HALOSPOT 111 PRO 60 W 12 V 6° G53, HALOSPOT 111 PRO 60 W 12 V 24° G53, HALOSPOT 111 PRO 60 W 12 V 40° G53

Application advice

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

Logistical Data

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300656823	HALOSPOT 111 PRO 35 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	657.00 g
4050300656847	HALOSPOT 111 PRO 35 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	663.00 g
4050300656861	HALOSPOT 111 PRO 50 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	657.00 g
4050300656885	HALOSPOT 111 PRO 50 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	663.00 g
4008321909237	HALOSPOT 111 PRO 50 W 12 V 40° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	657.00 g
4050300786070	HALOSPOT 111 PRO 60 W 12 V 6° G53	Shipping carton box 6	275 mm x 130 mm x 214 mm	7.65 dm ³	676.80 g
4050300786094	HALOSPOT 111 PRO 60 W 12 V 24° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	676.80 g
4008321909251	HALOSPOT 111 PRO 60 W 12 V 40° G53	Shipping carton box 6	275 mm x 130 mm x 185 mm	6.61 dm ³	633.00 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

Product family datasheet

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